



**DuraVent**  
Product Catalog 2011-2012



### **Being Green, Being Responsible.**

DuraVent looks for feasible ways of doing business in an ecologically sound way.

DuraVent takes great pride that all our products are manufactured and packaged in the USA, therefore accounting for less carbon emissions than competitor products made in other countries. As a US manufacturer, substantial carbon emissions are reduced in transportation.

In manufacturing we use water based paints. Our reverse osmosis system recycles 90% of the water used in the paint line.

We buy recycled metals for all our products when available, and recycle waste metals. Factory skylights reduces heavy load needs for electric lighting during daylight hours.

In the office, paperless invoicing is now standard. Paperless communications to customers are sent via electronic newsletters or email, and we recycle office paper waste.

Kaizen (Japanese for "improvement") refers to the practice of focusing on continuous improvement in manufacturing activities. By improving standardized activities and processes, Kaizen aims to eliminate waste. Since 1998, DuraVent has reduced manufacturing waste in its plant by 30% through Kaizen practices.

DuraVent is a member of the US Green Building Council,(USGBC) a non-profit organization dedicated to sustainable building design and construction, and developers of the LEED building rating system.

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## DuraVent

M&G DuraVent, Inc.  
902 Aldridge Rd.  
Vacaville, CA 95688

800-835-4429  
Fax: 707-446-4740

[www.duravent.com](http://www.duravent.com)

DuraVent is a member of M&G Group.

### Hours of operation California:

Monday – Friday, 7am – 4pm PST  
800-835-4429  
Fax: 707-446-4740  
[customerservice@duravent.com](mailto:customerservice@duravent.com)

### Hours of operation New York:

Monday – Friday, 8:30am – 5pm EST  
800-835-4429  
Fax: 518-463-5271  
[sales@duravent.com](mailto:sales@duravent.com)

DuraVent wants to provide the best product and service possible.

Brooks Sherman, President & CEO  
[president@duravent.com](mailto:president@duravent.com)

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M&G DuraVent Manufacturing / Warehouse

M&G DuraVent Warehouse

M&G DuraVent Manufacturing / Warehouse

M&G Italia

Isoleco

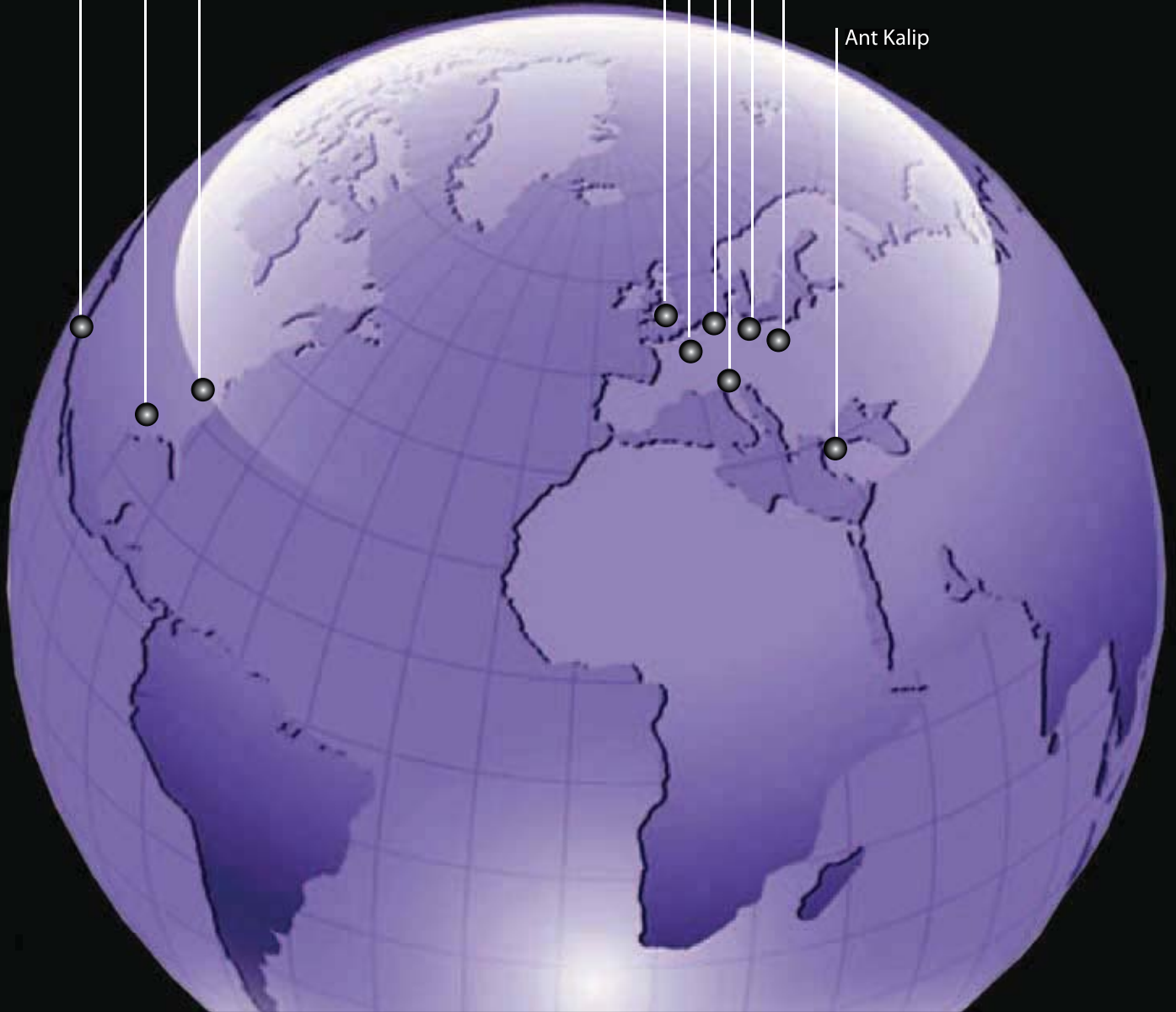
Cheminees Securite

M&G Altenic  
InterActive UK

Muelink & Grol  
InterActive  
Burgerhout  
Slagter  
Anjo

InterActive, Germany

Ant Kalip



## DuraVent

### Our History

The M&G Group acquired Simpson DuraVent September 1, 2010. M&G DuraVent, Inc., a member of the M&G Group, is one of 13 companies in the privately held consortium.

M&G ([www.m-ggroup.com](http://www.m-ggroup.com)) was founded in 1932 and is headquartered in the Netherlands. The M&G Group produces a wide range of flue and vent products in aluminum, stainless steel and plastic. It is the largest supplier of engineered venting systems for the high-efficiency heating market in Europe. All M&G companies, including DuraVent, are 100% focused on developing, manufacturing and marketing only flue and ventilation systems.

Since 1958, DuraVent has been a leading manufacturer of Gas Vent and Chimney products in the US. In 1982, DuraVent was purchased by Simpson Manufacturing. In 2008 DuraVent acquired both the Ventinox product line from America Boa, and ProTech Systems, the highly respected manufacturer of Hearth, HVAC and PHC products.

With a broad range of engineered venting products, DuraVent has earned its reputation as the industry leader by offering innovative, safe, professional products for the HVAC and Hearth markets.



### Engineered Excellence

DuraVent is a recognized technological leader in the venting industry. Consistently the first to market with new innovations in venting systems, DuraVent has captured a leadership position in emerging markets, such as flexible vent connectors for water heaters, furnaces, and venting systems for direct vent appliances. DuraVent has patents for several of its products and continues to design safe and technologically advanced venting for the market.

The company's research into solving issues with corrosion, when biofuels such as corn are used, led to a break-through with the patent pending PelletVent Pro. Scientifically proven materials and unequalled engineering make DuraVent products not only the best choice, or safest choice, but the only choice for professional quality venting products.

DuraVent's Engineered Excellence is a commitment to continue this trend, providing the industry with cutting-edge products and refinements to existing products that not only meet the demands of today's heating products market, but go beyond it.



### **Shipping Your Order**

DuraVent developed a sophisticated system to ensure high accuracy in delivering your order. Each item on the order is scanned for correct product number and quantity. Heavier boxes are placed on the bottom of pallets. Actual weights are checked against calculated weights to confirm contents.

Orders are stretch-wrapped to assure a safe, intact delivery. A shipping label is applied outlining the pallet contents. In addition, a yellow packing list with the entire order is placed in a special shipping envelope on the last pallet of the order, listing total items and quantities. The order is then again reviewed before it is signed off and shipped.

Any shortages, damages, etc., must be noted on the Freight Bill and reported to the carrier and to DuraVent's Customer Service department immediately. Make note of it on the bill of lading.

Report shortages or damage to DuraVent within 48 hours. Call in the report to DuraVent's customer service dept. at 1-800-835-4429.

### **Our Facilities**

Manufacturing and distribution facilities are located in Vacaville, California, and Albany, New York. A distribution facility is located in Vicksburg, Mississippi. DuraVent's skilled work force, combined with state-of-the-art machinery, is dedicated to providing consistent quality and service that exceeds industry standards.

## DuraVent

### DuraVent's Customer Service Department

Services include the following:

- Orders.
- Confirmation of orders via e-mail.
- Invoices via e-mail.
- Full EDI services are available.
- Provide full pallet information with confirmation. Full pallet orders will reduce the risk of shipping damage and reduce your check-in time and handling costs.
- Answer questions and provide information regarding product lines.
- Check stock and availability.
- Assist in determining the status of in-house orders and how to check them. We provide an order status system called DirectConnect where customers can login and check for themselves. (Call for details.)
- Order product literature.

If you have any question or problem, customer service is the first place to contact for a solution.

### Customer Service:

800-835-4429

Fax: 707-446-4740 (California)

Fax: 518-463-5271 (New York)

customerservice@duravent.com

sales@duravent.com



### Focusing on the customer.

Doing business with DuraVent is made easy through its Customer Service department. The company's professionally trained staff is skilled with the knowledge needed to address the details of an order and other services.

DuraVent's customer service department is committed to excellence. Backed with a computer system that provides immediate answers on product availability, lead times, and shipping schedules, we value your time by offering reliable information.

At DuraVent getting product to the jobsite complete and on time is of utmost importance. We invest heavily in finished product inventory so our distributors will be in a position to provide their customers with superior product availability and service.

# Technical & Engineering Support



## Information to get the job done right.

Technical information can be confusing. A dedicated product specialist is available to help with installation questions, proper sizing, codes, and solutions to venting problems. DuraVent's knowledgeable staff have the resources and knowledge to resolve questions about a product or installation, and will take the extra step to give an accurate response. If you are an authorized DuraPro dealer, one of your benefits is priority technical assistance when using the DuraPro tech assist phone number given to you on your new-member letter.

Before calling, check the company's literature library to see if your question can be answered there. Publications are available for immediate viewing at [www.duravent.com](http://www.duravent.com). Click on the 'catalogs and instructions' link to download literature as a pdf that can be saved on your computer or printed out.

## DuraVent Technical and Engineering Support:

California:

Monday – Friday, 7am – 4pm PST

800-835-4429

Fax: 707-446-4740

[techsupport@duravent.com](mailto:techsupport@duravent.com)

New York:

Monday – Friday, 8:30am – 5pm EST

800-766-3473

Fax: 518-463-5271

[sales@duravent.com](mailto:sales@duravent.com)

## Working out the details.

Every project is different. Each has its own specifications, and constraints. DuraVent's Engineering Department services the needs of customers with unique requirements.

## OEM Design

DuraVent also designs and manufactures custom parts for companies requiring venting goods specific to their products. Contact us for more information.

## Commercial Applications

Commercial projects may require custom parts and unique system design. Personalized system design services offer comprehensive CAD submittal drawings and a complete bill of materials needed.

Many commercial applications require large diameter systems due to a unit's size and output. There may be specific alloy requirements or adapters. DuraVent has the experience, talent and equipment to fabricate parts for most commercial venting systems.



# DuraVent

## Logo Store

[www.duravent.com](http://www.duravent.com)  
**The DuraVent Logo Store**  
**Open For Business 24/7**

Anyone can visit [www.duravent.com](http://www.duravent.com) and click onto the logo store link to find a wide variety of DuraVent logo products.

Outfit your business with Jackets, hats, dress shirts, beanies, t-shirts and work wear that can be used as uniforms for a great professional image. Customize items with your own dealer or distributor logo. Go 'green' with some eco-friendly items. Or get what you need for an upcoming golf game.

Showroom retractable display banners, and logo banners are available too.

Don't see what you need? Click on the contact link within the store for assistance on finding even more products that help deliver a message.



## A DuraPro Dealer is a professional specialty hearth dealer who exclusively uses DuraVent's premium hearth products for venting solutions.

For Authorized DuraPro Dealers, DuraVent provides a wide range of marketing materials to support sales, gratis.

- Showroom posters that help explain typical installations and components.
- Priority technical assistance by phone.
- Consumer brochures.
- Priority placement on DuraVent's website dealer locator.
- On-line logo store, a source for promotional items, banners, signs, etc.
- \$150 merchandising credit at sign-up to the program, good towards products in the logo store.
- An annual 2% marketing allowance credit good towards more marketing goods in the SDV store.
- Authorized DuraPro Dealer window decals.
- ...and more.

Visit [www.duravent.com](http://www.duravent.com), fill out the DuraPro Dealer Application and submit for consideration.

**DuraPro Administrator:** 1-800-835-4429  
[durapro@duravent.com](mailto:durapro@duravent.com)

## Products Offered Through The DuraPro Program are reserved specifically for trained professional installers:

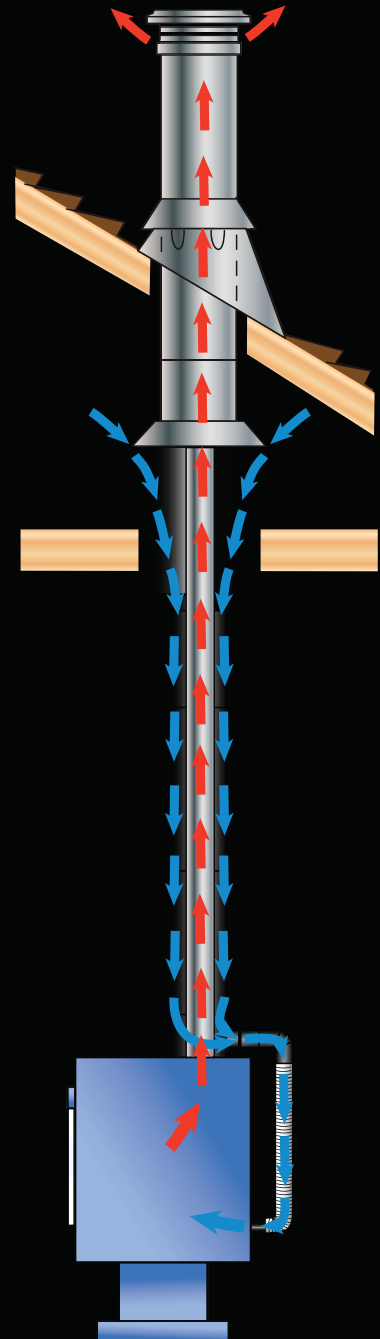
PelletVent Pro®, DirectVent Pro®, DuraTech®, DuraPlus HTC®, DuraLiner®, DuraFlex® (SW, Pro, 316, and 304), and Ventinox®

(Products available, but not exclusive through the DuraPro program, include DuraPlus, DuraFlex AL, DVL, DuraBlack, and FasNSeal.)

# Bring In the Fresh Air

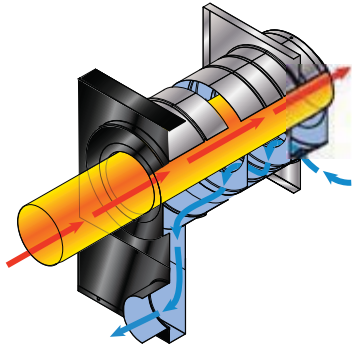
## Combustion Air System For DuraTech, DuraPlus HTC and PelletVent Pro

DuraVent's new, exclusive, patent-pending DuraPro Combustion Air System Wall Thimble and Ceiling Support Boxes is the ultimate solution for supplying outdoor air as combustion air for wood and pellet stoves.



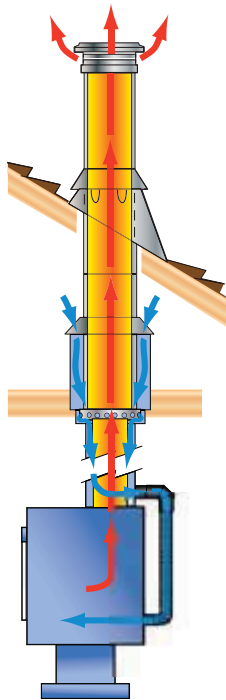
# With the Combustion Air System

## How it works:



### Wall Thimble

Outside air is drawn through the wall thimble's baffles, helping it pre-heat as it comes in contact with the hot inner exhaust pipe. The air continues down an air channel (pellet vent stoves), or an inner chamber of the combustion air stove pipe (wood stoves), through the aluminum flex and into the appliance, delivering fresh combustion air.



### Ceiling Support Box

Fresh air is drawn and warmed through the top of the ceiling support box in the attic. The air continues down an inner chamber of the combustion air stove pipe, and stubs out at the top of the stove or tee. Aluminum flex completes the connection to the appliance.

The DuraPro Combustion Air System's (CAS) uniquely engineered ceiling support boxes and wall thimbles deliver combustion air to free-standing wood and pellet stoves.

DuraTech & DuraPlus HTC CAS wood stove systems are available in 6" and 8" chimney diameters, using system specific triple-wall connector pipe, elbows, and tees to deliver combustion air to the appliance from outside the room through the chimney penetration, eliminating the need for a separate penetration in the structure for combustion air intake.

The PelletVent Pro CAS stove system is available in 3" and 4" pellet chimney sizes. The system's pellet stove wall thimble is designed with an air channel to direct combustion air into the appliance. PelletVent Pro CAS is considered a direct vent for pellet appliances, which allows for clearances down to 12 inches to building openings, as defined by NFPA 211.

### Eliminates the use of conditioned inside air for combustion.

Improve the efficiency of central heating systems by eliminating the use of conditioned room air for combustion.

### Patent-pending design pre-heats combustion air.

Inbound air is circulated through baffles around the heated areas of the support box or wall thimble. For PelletVent Pro, the pre-heated air is delivered down a wall channel to assure that the pellet vent is not cooled. For DuraTech and HTC, the pre-heated air is supplied between the stove pipe's 2nd and 3rd wall, while the 1st wall maintains high stove temperatures.

### Enables outside air to be used as combustion air below grade.

The wall thimbles for both wood and pellet stoves provide combustion air to appliances used in below grade (basement) installations. Wood stoves utilize the triple wall stove pipe. Pellet stoves utilize the adjustable air channel.

### Minimizes down-drafts in below grade installations.

Does not consume warm indoor air for combustion and not subject to oxygen starvation, poor draft and other problems associated with 'tight' energy efficient homes.

### Simplifies installations with only one wall or ceiling penetration.

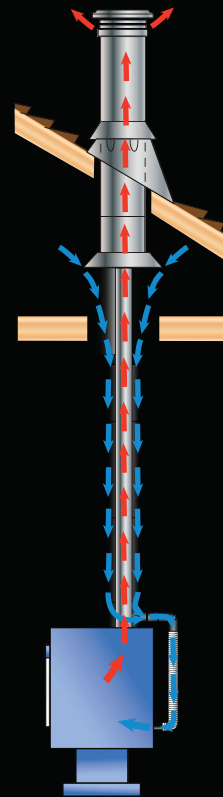
The system is designed to eliminate the need for a second penetration in the building envelope to introduce combustion air.

### Simple, elegant design with decorative black finish.

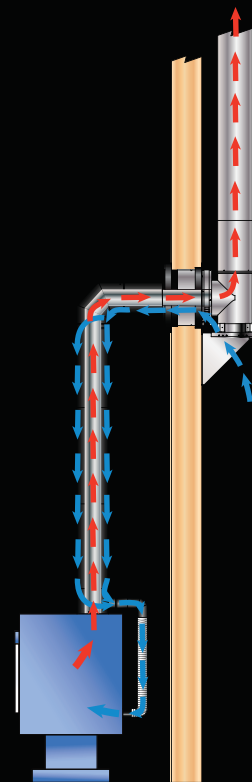
All products are factory finished in matte black.

### Made in the USA.

# Combustion Air System for DuraTech® and DuraPlus HTC®

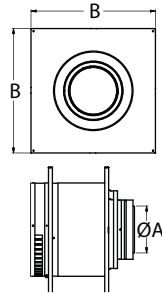


Vertical Installations



Horizontal Installations

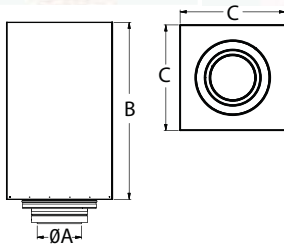
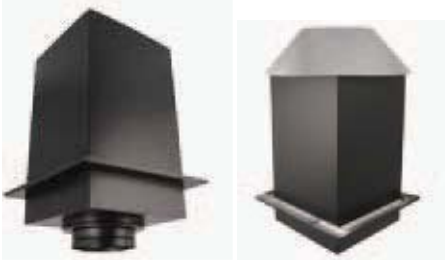
### Combustion Air Wall Thimble



Provides connection between DuraTech or DuraPlus HTC chimney systems and the Combustion Air Stovepipe. Adjusts to fit wall thicknesses from 5 1/2" to 10". Extends into room 6". Patent-pending.

DURATECH				DURAPLUS HTC			
SIZE	STOCK #	A	B	SIZE	STOCK #	A	B
6"	6CAS-WTDT	6"	16"	6"	6CAS-WHTC	6"	16"
8"	8CAS-WTDT	8"	18"	8"	8CAS-WHTC	8"	18"

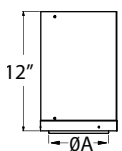
### Combustion Air Ceiling Support w/Collar



Provides connection between DuraTech or DuraPlus HTC chimney systems and the Combustion Air Stovepipe. Available in 24" or 36" heights, the Ceiling Support Box acts as an attic insulation shield with the addition of a Storm Collar. Ceiling Support extends a total of 7-1/2" below the ceiling. Black.

DURATECH					DURAPLUS HTC				
SIZE	A	B	C	STOCK #	SIZE	A	B	C	STOCK #
6"	06"	24"	14 5/16"	6CAS-CS24DT	6"	06"	24"	14 5/16"	6CAS-CS24HTC
6"	06"	36"	14 5/16"	6CAS-CS36DT	6"	06"	36"	14 5/16"	6CAS-CS36HTC
8"	08"	24"	14 5/16"	8CAS-CS24DT	8"	08"	24"	14 5/16"	8CAS-CS24HTC
8"	08"	36"	14 5/16"	8CAS-CS36DT	8"	08"	36"	14 5/16"	8CAS-CS36HTC

### Combustion Air Stovepipe

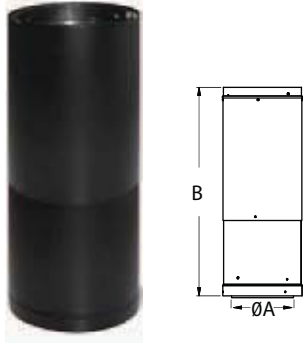


Used to connect the stove to either the DuraTech or DuraPlus HTC chimney systems. Exhaust gases are carried within the inner wall, and combustion air is conducted from the Support Box or Wall Thimble between the middle and outer walls. Available in 12" fixed lengths and three telescoping adjustable lengths (see below). Triple-wall. Black.

SIZE	A	STOCK #
6"	6"	6CAS-12
8"	8"	8CAS-12

### Combustion Air Adjustable Stovepipe

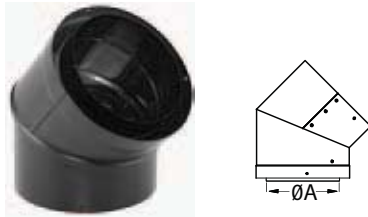
**\*updated stock #'s\***



Used to connect the stove to either the DuraTech or DuraPlus HTC chimney systems. Exhaust gases are carried within the inner wall, and combustion air is conducted from the Support Box or Wall Thimble between the middle and outer walls. Available in three telescoping adjustable lengths: 14"-24", 29"-46", and 44"-68". Triple-wall. Black.

SIZE	A	B	STOCK #
6"	6"	14"-24"	6CAS-24A
6"	6"	29"-46"	6CAS-46A
6"	6"	44"-68"	6CAS-68A
8"	8"	14"-24"	8CAS-24A
8"	8"	29"-46"	8CAS-46A
8"	8"	44"-68"	8CAS-68A

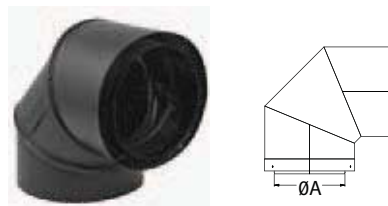
### Combustion Air 45° Elbow



Use for the Combustion Air System stovepipe when an offset is needed.

SIZE	A	STOCK #
6"	6"	6CAS-E45
8"	8"	8CAS-E45

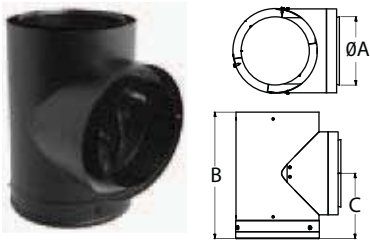
### Combustion Air 90° Elbow **\*updated part\***



Use for the Combustion Air System stovepipe when an offset is needed.

SIZE	A	STOCK #
6"	6"	6CAS-E90
8"	8"	8CAS-E90

**Combustion Air Tee**



Use for the Combustion Air System stovepipe when attaching to rear-exit stoves.

SIZE	A	B	C	STOCK #
6"	6"	11 5/8"	6 5/8"	6CAS-T
8"	8"	14 1/2"	7 1/4"	8CAS-T

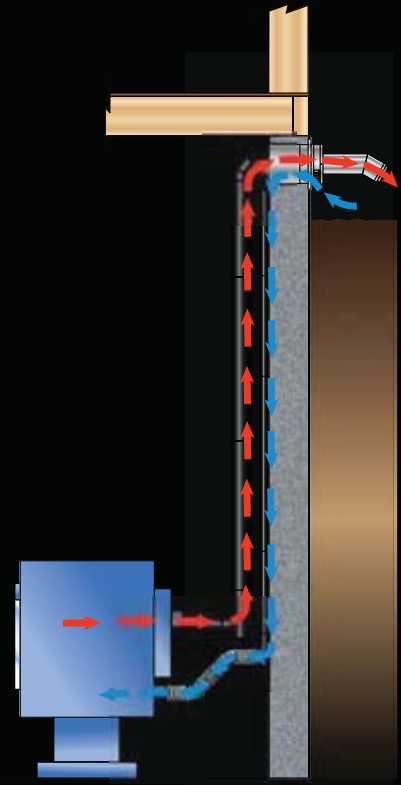
**Combustion Air Stove Top Kit**



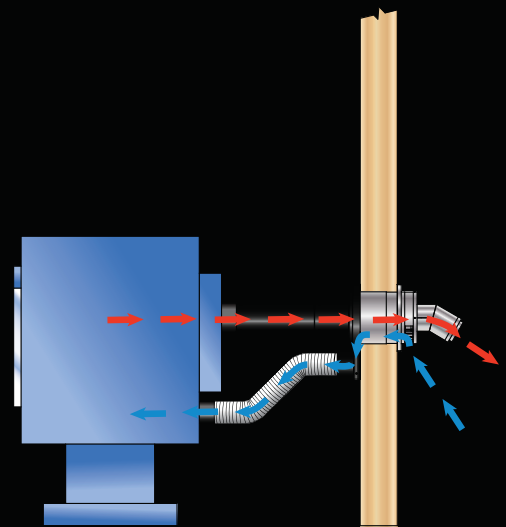
Includes CAS Stovetop Adapter, 3" Aluminum Flex, 3" to 2" Decreaser, 3" single-wall Adjustable Elbow, & Hose Clamps.

SIZE	STOCK #
6"	6CAS-ADK
8"	8CAS-ADK

# Combustion Air System for PelletVent Pro®



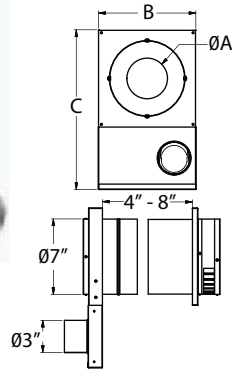
Below Grade Installations



Horizontal Installations



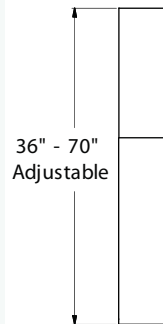
### Combustion Air Wall Thimble Kit



Includes Wall Thimble, Channel Adapter, Flex and 2" to 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	4 3/4"	9"	14 3/4"

### Combustion Air Adjustable Wall Channel



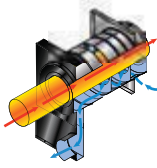
Telescoping Wall Channel 36"-70". Shown here attached to Combustion Air Wall Thimble Kit (not included).

SIZE	STOCK #
3" & 4"	CAS-C70A

# FRESH AIR

COMBUSTION AIR SYSTEM FOR FREE-STANDING WOOD AND PELLET STOVES

**DuraVent**  
Member of M&G Group



*Energy Efficient*

DuraVent's patent-pending Combustion Air System of Wall Thimbles and Ceiling Support Boxes that pre-heats combustion air from outside, eliminating the use of conditioned inside air.

*Minimizes down-drafts* in below grade installations.

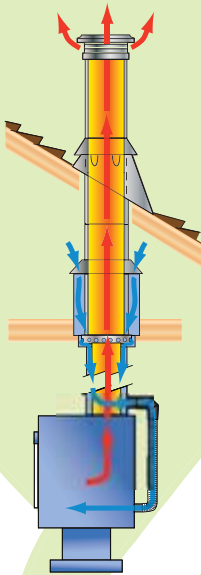
*Triple-Wall direct vent* wood stove pipe system for DuraTech® & DuraPlusHTC®.

*Adjustable air channel* delivers combustion air to pellet stoves with PelletVent Pro® system.

*Wall thimbles* for both wood and pellet stoves provide outside air as combustion air to appliances in basements.

*Simplifies installations* with only one wall or ceiling penetration.

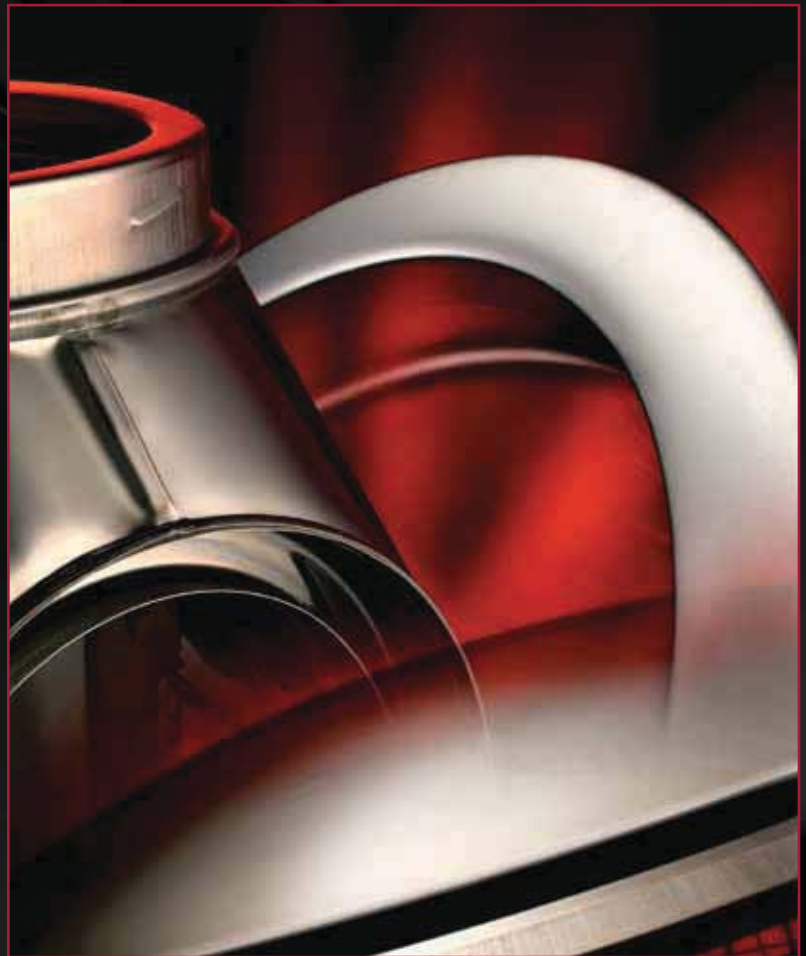
*Decorative black finish* for a simple, elegant design.



**DuraTech®**

**All-fuel, double-wall  
chimney system.**

**UL 103 HT, UL 103, and ULC S604.**



## Specifications

### Applications

5"-8" DuraTech is a double-wall, all-fuel chimney system for use with wood stoves, fireplaces, furnaces, boilers, ranges, water heaters, or other appliances fueled by wood, oil, coal, or gas, and zero-clearance fireplaces that are factory-built.

### Materials and Construction

5"-8" diameter pipe features inner wall of .020" 430 stainless steel. Outer wall options of .016" 430 stainless steel or .021" galvalume steel. A Thermal Tech (ceramic refractory) blanket insulation is encased between walls. Stainless steel end rings seal the pipe.

Dura Tech features light weight insulation, twist-lock fittings, support boxes with factory installed starter sections, elbows with 360° swivel base, select black finish pipe lengths, and five foot length pipe sections.

### Clearances

2" clearance to combustibles.

### Shrouds

UL Listed with DuraVent shroud specifications. Information available online at [www.duravent.com](http://www.duravent.com) or call and request L157.

### Diameters

5"-8"

### Listings

c-UL-us Listed to UL 103 HT and ULC S604 (MH7399)  
(Stainless steel outer wall required for installation in Canada).



## UL 103 HT and ULC S604 System

### DuraTech 5"-8"

With a Thermal Tech blanket insulation encased between dual walls, DuraTech offers the optimum in safety and performance. It keeps the outer wall of the chimney cool, while ensuring high flue gas temperatures for optimum draft performance.

The inner wall is 25% thicker than competitive chimneys for an extra margin of safety. No locking bands or mechanical fasteners required.

DuraTech's sleek 1" wall design provides for easy installations through 16" on-center framing. For tight installations, a Reduced Clearance Square Ceiling Support Box is available (6" diameter DuraTech only).

Designed for normal, continuous operation at 1000° F flue gas temperatures, DuraTech is subjected to rigorous and stringent HT requirements of the UL standard, including one hour at 1400° F, plus three ten minute chimney fire tests at 2100° F.



## UL 103 System

### DuraTech 10"-24"

DuraVent now offers DuraTech in large diameters to vent large-scale residential fireplaces and building heating appliances.

DuraTech chimney is tested and listed for continuous operation at 1000° F flue gas temperatures, one hour at 1400° F and ten-minutes at 1700° F, in accordance with the UL 103 test standard.



## Specifications

### Applications

10"-24" large diameter DuraTech is a 1" wall, all-fuel chimney system for use with wood stoves, fireplaces, furnaces, boilers, ranges, water heaters, or other appliances fueled by wood, oil, coal, or gas.

### Materials and Construction

10"-24" diameter pipe feature .027" 430 stainless steel inner wall and outer wall of .029" galvalume or .027" 430 stainless steel. A Thermal Tech (ceramic refractory) blanket insulation is encased between walls. Stainless steel end rings seal the pipe.

### Clearances

2" clearance to combustibles.

### Shrouds

UL Listed with DuraVent shroud specifications. Information available online at [www.duravent.com](http://www.duravent.com) or call and request L157.

### Diameters

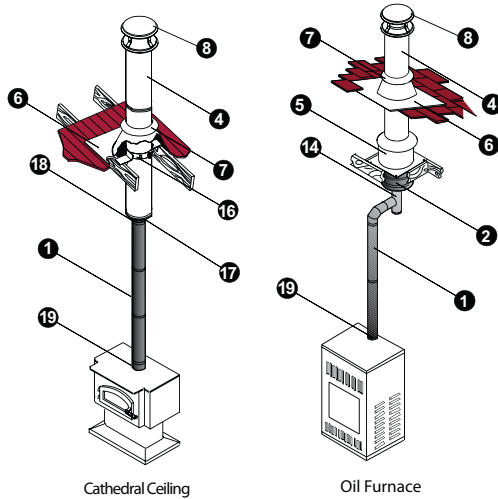
10", 12", 14", 16", 18", 20", 22", and 24".

### Listings

c-UL-us Listed to UL 103 and ULC S604 (MH7399)  
(Stainless steel outer wall required for installation in Canada.)

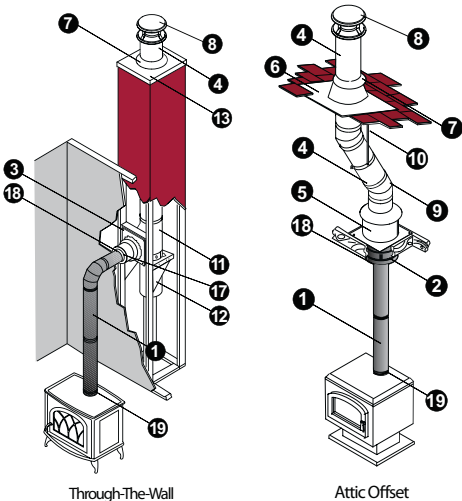


## Typical Installations For 5"- 24" DuraTech



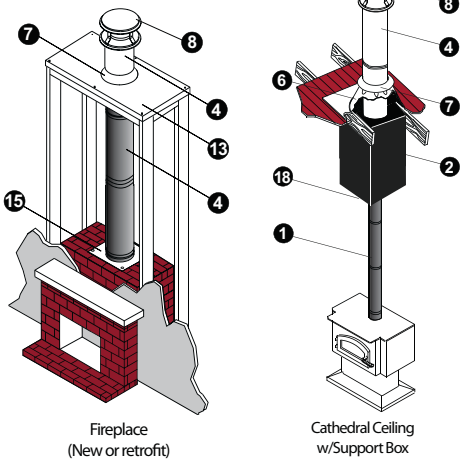
Cathedral Ceiling

Oil Furnace



Through-The-Wall

Attic Offset



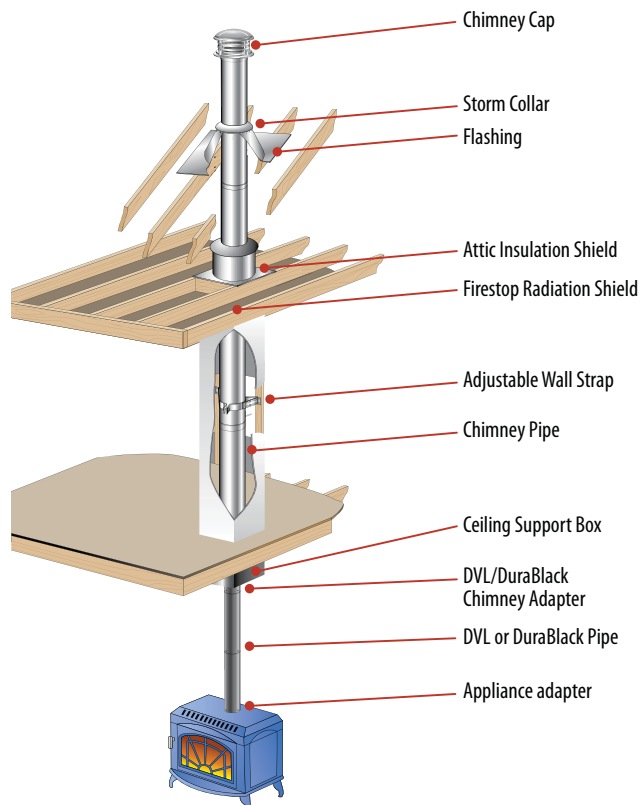
Fireplace  
(New or retrofit)

Cathedral Ceiling  
w/Support Box

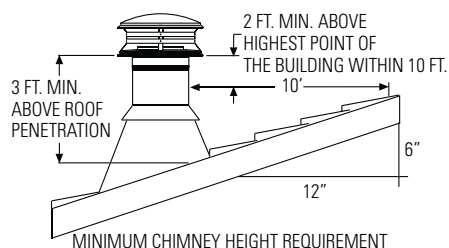
1	DVL or DuraBlack	11	Tee with Tee Cap
2	Ceiling Support	12	Tee Support
3	Wall Thimble	13	Chase Top Flashing
4	Chimney Pipe	14	Base Tee/Double Tee
5	Attic Insulation Shield	15	Anchor Plate or Anchor Plate with Damper
6	Flashing	16	Roof Support
7	Storm Collar	17	Finishing Collar
8	Chimney Cap	18	DVL Adapter, DuraBlack Slip Connector, or Snap-Lock Adapter
9	Elbow	19	Stove Adapter
10	Elbow Strap		

Refer to our Typical Installation drawings to select the appropriate component parts for your installation.

- DVL/DuraBlack Chimney Adapter must be used when connecting DVL pipe to a Ceiling Support Box or Finishing Collar. When connecting DuraBlack pipe, a DVL/DuraBlack Chimney Adapter, DuraBlack Slip Connector, or Snap-Lock Adapter must be used.
- Wall Thimble must be installed with an appropriate length of chimney pipe for all horizontal through-the-wall installations. To accommodate thicker walls, the telescoping pieces of the Wall Thimble can be separated, and a field-fabricated extension may be installed.
- Attic Insulation Shield must be used in all installations that pass through an attic, regardless of whether the attic is insulated or not.
- Firestop Radiation Shield must be used when a chimney passes through a floor or ceiling without a support box.



## Planning Your Installation



**Figure 1**

The following recommendations are general guideline to assist in the layout and selection of the chimney components needed 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](http://www.duravent.com), under catalogs and instructions.

- The diameter of the chimney should match the outlet size of the appliance. An improperly sized chimney results in poor draft and excessive creosote formation.
- Measure the diameter of the appliance flue outlet. Select the chimney and either DVL or DuraBlack connector stovepipe with the same size diameter as the appliance flue outlet. For fireplace installations, refer to the sizing chart in the back of this catalog.
- Determine if the installation is a through-the-roof installation or a through-the-wall installation. A through-the-wall installation will require additional components (Wall Thimble, Tee/ Cap, Tee Support, and Wall Straps).
- Install the chimney in the interior of the structure whenever possible. A cold exterior chimney will produce less draft and will generate more creosote.
- If possible avoid offsets that serve to restrict the natural draft. A straight vertical installation is more efficient and less likely to develop creosote. If an offset is required to avoid rafters or other obstructions, measure the horizontal distance required and the vertical height available. Both 15° and 30° elbows are available. Elbows have a 360° swivel base to allow orientation of elbow direction only. Elbows are fixed at 15° or 30°. Elbows greater than 30° are not allowed in the United States. A maximum of two offsets in a single installation are permitted. Refer to the offset table in the back section of this catalog. At least one Elbow Strap is required for each offset. Elbow Straps ensure adequate support.
- Determine the minimum chimney height above the roof line. Building codes require a minimum of 3' above the roof penetration and at least 2' higher than any portion of a building within 10'. See figure 1. The termination cap is installed above that point. If chimney extends 5' or more above the roof penetration an extended roof bracket is required. An additional roof bracket is needed every 5'.
- Measure the roof pitch. For example a 6/12 pitch has a vertical rise of 6" over a horizontal distance of 12". Select the appropriate flashing.
- Determine the total length of chimney and stovepipe required for the installation. To calculate the installed per length of 5"-8" DuraTech pipe, subtract 1 ¼" per joint. For 10"-24" diameter, subtract ¾" per joint of pipe. Subtract 1 ¼" per joint of DuraBlack stovepipe. Subtract 1 ½" per joint of DVL stovepipe. Minimum chimney height, at sea level, of straight vertical chimney is 10' to 15' above the appliance outlet. Higher elevations, or the use of elbows or a tee, will require approximately 30% to 60% more height to provide for an adequate draft.
- For a UL approved shroud, see the DuraTech Shrouds Installation Instructions (L157). View online at [www.duravent.com](http://www.duravent.com), under catalogs and instructions.
- Be fire safe. Maintain at least 2" clearance to combustibles. Follow local building codes and have your chimney inspected by a certified professional.

# What makes us different from the rest?

DuraTech: The optimum in safety and performance for an all-fuel chimney.

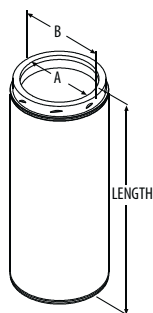


DuraTech Feature	Benefit	DuraTech Feature	Benefit	DuraTech Feature	Benefit
5" through 24" diameter selection	Gives the installer the largest variety of diameters to fit and size the fireplace or stove properly.	1" Thermal Tech Insulation Blanket	Insures complete insulation coverage between inner and outer walls, preventing any hot spots from appearing due to expansion of the metal walls during operation. Hot spots could cause a fire.	15 and 30 Degree Elbows come with swivel base	The swivel base allows an installer to line up the elbow without unlocking and repositioning the elbow, saving time and money.
6", 9", 12", 18", 24", 36", 48" and 60" pipe lengths	Gives the installer the greatest variety of lengths to reach the desired height with ease and least amount of pipe sections.			15 and 30 Degree Elbows come in kits	This insures that the installer gets both the offset and return elbow along with an elbow support bracket to make a properly code approved offset.
Twist Lock End Rings	Allows the installer to safely and easily connect and disconnect chimney sections without mechanical fasteners. Encases insulation to prevent exposure to outside elements. No locking bands required.	Factory Installed Starter Section in the Support Box	Allows the installer a safe, quick and easy connection of chimney to the support box.	Limited Lifetime Warranty	The best Warranty in the industry. 15 years 100%, 15 years and up 50% Gives the installer and home owner the greatest peace of mind in a quality installation.
430 Stainless Steel Inner Wall	Corrosion resistant stainless steel with the smallest amount of expansion when exposed to heat. Prevents hot spots from appearing which could cause a fire.	DuraTech offers 3 support box heights. 12", 24" 36" along with flat and round supports	Gives the installer the most options when dealing with ceiling slopes. Creating the most aesthetically pleasing installation possible.	Adjustable Tee and Wall Support Brackets	Guarantees proper clearance to combustibles, allowing the installer to work around changing exterior wall surfaces, avoiding any field fabrication or code violation.
.020" thick Stainless Steel Inner Wall	Thickest inner wall construction in the industry providing the best protection from creosote fires.	Reduced 10" wide Support Box for 6" diameter DuraTech	Allows for the smallest area of framing while still maintaining safe and approved clearances to combustibles. Could prevent having to reframe around chimney.	Shroud Specifications	Shroud specs allow the installer to create a UL listed shroud to hide the termination at the top of the chase for safest installation.
Light Weight Construction	Light weight Thermo Tech insulation makes pipe sections lighter (5lbs per ft for 6" diameter) to allow the manufacture of 5' lengths, thus the installer has fewer trips up the ladder for a quick and easy installation.	Dura-Vent offers 3 easy options to attachment Connector Pipe to Chimney System with the DVL/DB adapter, the DB slip connector or the snap lock adapter	Allows installer to connect DVL, DuraBlack or snap lock stovepipe to the support box or finishing collar for an easy and quick installation. Adapter snaps into support box and allows for easy disconnection and switching of connector pipe without disconnecting chimney.	Adjustable Height Attic Insulation Shield	Allows the installer to accommodate deep attic insulation without having to field fabricate an extension. Saves time and money.
1" Double Wall Insulated Pipe	Has the smallest outside diameter available to allow easy placement between studs. i.e. 8" O.D. on 6" diameter pipe. Saves from having to reframe around the chimney.			Removable Top Plate and Spark Arrestor on termination cap	Easy cleaning of chimney without having to disconnect and remove the cap. Saves time and money in cleaning.



# DuraTech® 5"-8"

## Chimney Pipe



**5" - 8" Diameters** - Designed for appliances that are tested and listed for use with a 2100° F HT chimney system, such as wood stoves, fireplaces, furnaces, boilers, ranges, water heaters, or other appliances fueled by wood, oil, coal, or gas. Available in stainless steel (SS) or in a galvalume (GA) outer casing and stainless steel inner wall with twist-lock connections.

DuraTech 24", 36", 48", and 60" chimney pipe is available with additional protective carton filler for shipping. Available items have stock numbers with (CF).

SIZE	5"	6"	7"	8"
A	5"	6"	7"	8"
B	7"	8"	9"	10"
LENGTH				
6" GA	--	9402GA	9502GA	9602GA
6" BLACK	9302B	9402B	9502B	9602B
6" SS	9302	9402	9502	9602
9" GA	--	9408GA	9508GA	9608GA
9" BLACK	9308B	9408B	9508B	9608B
9" SS	9308	9408	9508	9608
12" GA	--	9403GA	9503GA	9603GA
12" BLACK	9303B	9403B	9503B	9603B
12" SS	9303	9403	9503	9603
18" GA	--	9404GA	9504GA	9604GA
18" SS	9304	9404	9504	9604
24" GA	--	9405GA	9505GA	9605GA
24" GA	9305GACF	9405GACF	9505GACF	9605GACF
24" SS	9305	9405	9505	9605
24" SS	9305CF	9405CF	9505CF	9605CF
36" GA	--	9406GA	9506GA	9606GA
36" GA	--	9406GACF	9506GACF	9606GACF
36" SS	9306	9406	9506	9606
36" SS	9306CF	9406CF	9506CF	9606CF
48" GA	--	9407GA	9507GA	9607GA
48" GA	--	9407GACF	9507GACF	9607GACF
48" SS	9307	9407	9507	9607
48" SS	9307CF	9407CF	9507CF	9607CF
60" GA	--	9409GACF	9509GACF	9609GACF
60" SS	9309CF	9409CF	9509CF	9609CF

To calculate installed length of 5", 6", 7", or 8" DuraTech Chimney, subtract 1 ¼" from each joint overlap of chimney pipe. Allow a minimum of 2" air space to combustibles when installing DuraTech Chimney.

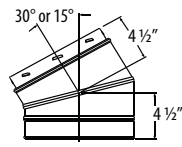
### Adjustable Pipe



Use to add length to DuraTech chimney. Adjusts from 14"-21".

SIZE	6"	8"
A	14"-21"	
STOCK #	9411	9611

### Elbow Kit



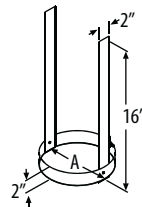
Elbow Kit includes: 2 Elbows and 1 Elbow Strap.

Use for offsets around obstructions such as rafters, ridgepoles, or joists. May have two pairs of elbows, if needed. Offsets greater than 30° are not permitted in accordance to UL 103 standards. Elbows swivel 360° at base (angles are not adjustable). A pair of elbows is required to return an offset chimney back to vertical.

Available in stainless steel (SS) or galvalume (GA) outer wall.

	5"	6"	7"	8"
15°				
GA STOCK #	--	9464GAKIT	9564GAKIT	9664GAKIT
SS STOCK #	9364KIT	9464KIT	9564KIT	9664KIT
30°				
GA STOCK #	--	9466GAKIT	9566GAKIT	9666GAKIT
SS STOCK #	9366KIT	9466KIT	9566KIT	9666KIT

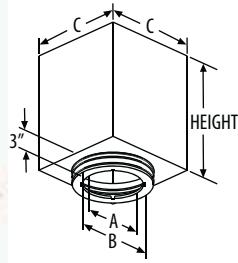
### Elbow Strap



Use to prevent excessive weight on the elbows by supporting the weight of the chimney. Required to be installed between two elbows in offset installations. Multiple elbow straps may be required for offset installations. Refer to installation instructions.

SIZE	5"	6"	7"	8"
A	7"	8"	9"	10"
STOCK #	9360	9460	9560	9660

### Square Ceiling Support Box

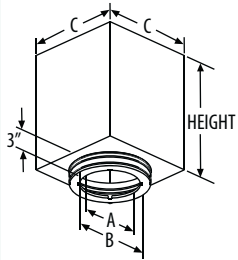


Supports chimney pipe and provides a positive connection between support box and chimney with a built-in twist-lock. Suitable for both flat and cathedral (A-Frame) ceiling applications. Also use in short attic spaces (see instructions). Fits between standard 16" on-center joists and most manufactured home applications. Supports up to 60' of DuraTech Chimney. Use adapter to attach DVL or DuraBlack to the support box. A 2" wide trim collar is included. Painted black. (For adapters see DVL/DuraBlack section.)

SIZE	5"	6"	7"	8"
A	5 1/4"	6 1/4"	7 1/4"	8 1/4"
B	9"	9"	11"	11"
C	11"	12"	13"	14 1/4"
<b>HEIGHT</b>				
11"	9338A	9438A	9538A	9638A
24"	9338B	9438B	9538B	9638B
36"	9338D	9438D	9538D	9638D

CEILING PITCH		
DURABLACK	DVL	USE
0/12 - 4/12	0/12 - 6/12	11" Support box
5/12 - 9/12	7/12 - 13/12	24" Support box
10/12 - 14/12	14/12 - 20/12	36" Support box

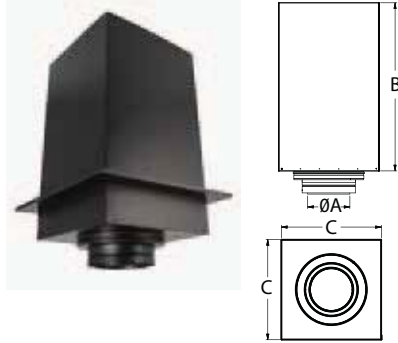
### Reduced Clearance Square Ceiling Support Box



Supports chimney pipe and provides a positive connection between support box and chimney with a built-in twist-lock. Suitable for both flat and cathedral (A-Frame) ceiling applications. Also use in short attic spaces (see instructions). Fits between standard 12" on center joists and most manufactured home applications. Supports up to 60' of DuraTech Chimney. Use adapter to attach DVL or DuraBlack to the support box. A 2" wide trim collar is included. Painted black. (For adapters see DVL/DuraBlack section.)

SIZE	6"
A	6 1/4"
B	9"
C	10"
<b>HEIGHT</b>	
24"	9436B

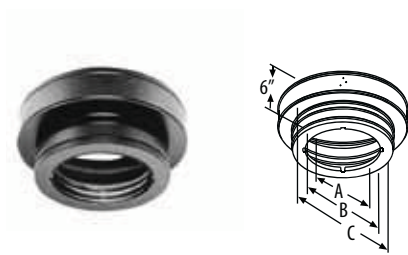
### Combustion Air Square Ceiling Support Box



Use with Combustion Air System components. Delivers outdoor air as combustion air to the appliance. Operates as a direct vent system without requiring a second penetration to the building envelope. Black. Patent-pending.

SIZE	A	B	C	STOCK #
6"	06"	24"	14 5/16"	6CAS-CS24DT
6"	06"	36"	14 5/16"	6CAS-CS36DT
8"	08"	24"	14 5/16"	8CAS-CS24DT
8"	08"	36"	14 5/16"	8CAS-CS36DT

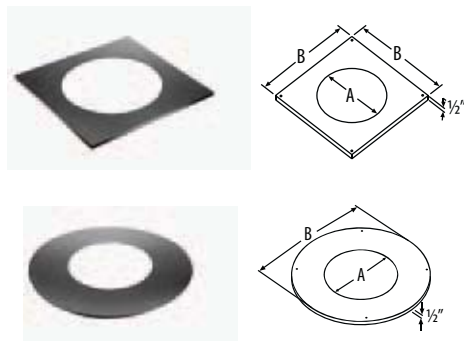
### Round Ceiling Support Box



Supports chimney pipe and provides a positive connection between support box and chimney with a built-in twist-lock. Supports up to 60' of DuraTech Chimney. Use adapter to attach DVL or DuraBlack to the support box. Painted black. Trim collars are sold separately. (For adapters see DVL/DuraBlack section).

SIZE	5"	6"	7"	8"
A	5 1/4"	6 1/4"	7 1/4"	8 1/4"
B	9"	9"	11"	11"
C	11"	12"	13"	14"
STOCK #	9345	9445	9545	9645

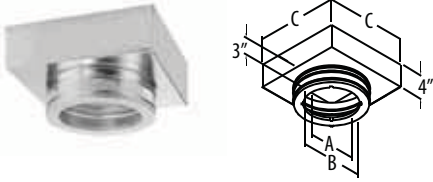
### Trim Collar For Round Support Box



Conceals the gap between the Round Ceiling Support Box and the ceiling cutout. Select square or round. Painted black.

SQUARE TRIM COLLAR		
SIZE	5"-6"	7"-8"
A	9 1/8"	11 1/8"
B	14"	16"
STOCK #	9345TS	9545TS
ROUND TRIM COLLAR		
SIZE	5"-6"	7"-8"
A	9 1/8"	11 1/8"
B	17 1/2"	21"
STOCK #	9345TR	9545TR

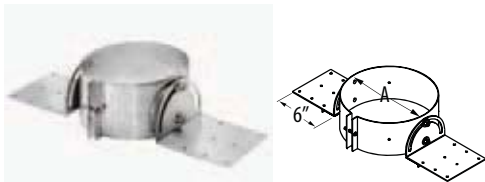
### Flat Ceiling Support Box



Supports chimney pipe and provides a positive connection between support box and chimney with a built-in twist-lock. Designed for installation in flat ceilings only. Supports up to 60' of DuraTech Chimney. Use adapter to attach DVL or DuraBlack to the support box. 3 A 2" wide trim collar is included. Not painted, but can be painted with high temperature paint. (For adapters see DVL/DuraBlack section).

SIZE	5"	6"	7"	8"
A	5 1/4"	6 1/4"	7 1/4"	8 1/4"
B	9"	9"	11"	11"
C	11"	12"	13"	14 1/4"
STOCK #	9344	9444	9544	9644

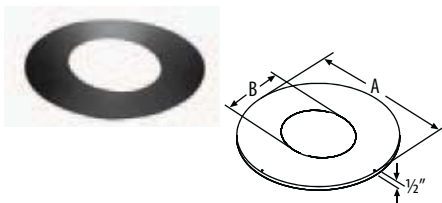
### Roof Support



Designed to support the DuraTech Chimney and allows the chimney to pass through the roof and extend down from the ceiling. Ideal for cathedral ceilings and free-standing fireplace installations. Supports up to a maximum total chimney length of 45' above and 20' chimney below Roof Support. Adjustable to different roof pitches. Use Finishing Collar and adapter to attach DVL or DuraBlack to the DuraTech chimney. Trim Collar not included.

SIZE	5"	6"	7"	8"
A	7"	8"	9"	10"
STOCK #	9363	9463	9563	9663

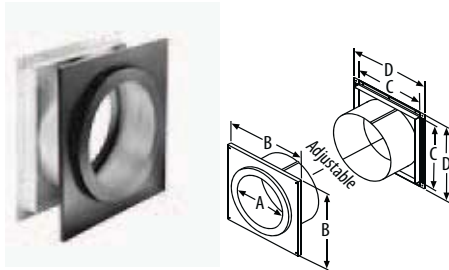
### Trim Collar For Roof Support



Conceals gap between chimney pipe and ceiling cut out when used with Roof Support. Galvalume. Painted black.

SIZE	5"	6"	7"	8"
0/12 - 3/12	9348A	9448A	9548A	9648A
A	18"	18"	20"	20"
B	7 1/4"	8 1/4"	9 1/4"	10 1/4"
4/12 - 6/12	9348B	9448B	9548B	9648B
A	18"	18"	20"	20"
B	7 1/4"	8 1/4"	9 1/4"	10 1/4"
7/12 - 9/12	9348C	9448C	9548C	9648C
A	18"	18"	20"	20"
B	7 1/4"	8 1/4"	9 1/4"	10 1/4"
10/12 - 12/12	9348D	9448D	9548D	9648D
A	18"	18"	20"	20"
B	7 1/4"	8 1/4"	9 1/4"	10 1/4"

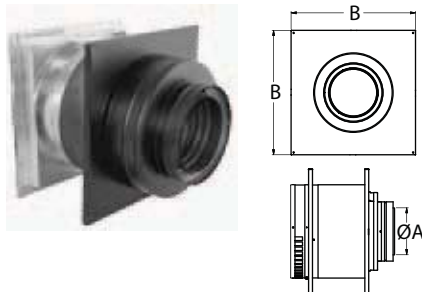
### Wall Thimble



Adjusts from a minimum of 4" to a maximum of 10" wall thickness, and fits between standard wall studs. To accommodate thicker walls, the telescoping pieces can be extended up to 16" with a field-fabricated extension installed. Interior trim ring painted black. Must be installed with DuraTech chimney pipe horizontally through the wall and extend 6" into the room beyond the interior wall. (Black painted DuraTech is available). 6" and 8" stainless steel exterior trim available.

SIZE	5"	6"	7"	8"
A	7 1/8"	8 1/8"	9 1/8"	10 1/8"
B	14"	14"	16"	16"
C	10 7/8"	11 7/8"	12 7/8"	13 7/8"
D	13"	14"	15"	16"
STOCK #	9343	9443	9543	9643
SS TRIM	5"	6"	7"	8"
STOCK #	--	9443SS	--	9643SS

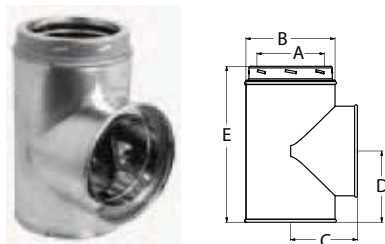
### Combustion Air Wall Thimble



Use with Combustion Air System components. Delivers outdoor air as combustion air to the appliance. Operates as a direct vent system without requiring a second penetration to the building envelope. Black. Patent-pending.

SIZE	STOCK #	A	B
6"	6CAS-WTDT	6"	16"
8"	8CAS-WTDT	8"	18"

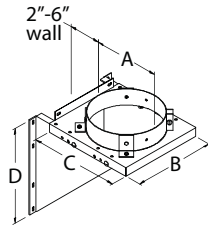
### Tee w/Cap \*updated dimensions\*



Use for through-the-wall installations. Includes removable tee cap for easy chimney cleaning or inspection. Wall Straps, a Wall Thimble, and an Adjustable Tee Support Bracket must be installed with the Tee as directed. Available in stainless steel or with a galvalume outer wall and stainless steel inner wall. See installation instructions for proper location and installation of Tee.

SIZE	5"	6"	7"	8"
A	5"	6"	7"	8"
B	7"	8"	9"	10"
C	5 1/2"	6 1/8"	6 1/2"	7 1/8"
D	6"	6 1/2"	7 1/2"	7 3/4"
E	12 5/8"	13 7/8"	14 1/4"	15 1/4"
GA STOCK #	9375GA	9475GA	9575GA	9675GA
SS STOCK #	9375SS	9475SS	9575SS	9675SS

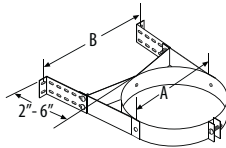
### Adjustable Tee Support Bracket



Use as wall support for chimney system. Use of straps is optional. Supports up to 50' of DuraTech Chimney without straps, and 70' of DuraTech Chimney with straps. Attaches to chimney pipe. Can be installed above or below the Tee. If installed below the Tee, a short section of pipe is required. Adjustable base provides 2" to 6" clearance to wall.

SIZE	5"	6"	7"	8"
A	7"	8"	9"	10"
B	10"	10"	12"	12"
C	11"	11"	13"	13"
D	11 3/4"	11 3/4"	13 3/4"	13 3/4"
GA STOCK #	9372GA	9472GA	9572GA	9672GA
SS STOCK #	9372SS	9472SS	9572SS	9672SS

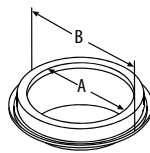
### Adjustable Wall Strap



Use in interior or exterior installations to add lateral support to the chimney. Assures a 2" to 6" clearance to combustible walls. Required every 8'.

SIZE	5"	6"	7"	8"
A	7"	8"	9"	10"
B	10 3/4"	11 3/4"	12 7/8"	14"
GA STOCK #	9368GA	9468GA	9568GA	9668GA
SS STOCK #	9368SS	9468SS	9568SS	9668SS

### Finishing Collar



Fits into the female end of the chimney pipe to provide a decorative black finish. Use on chimney pipe that is suspended with the roof support system or on pipe that is passing through a wall thimble. Provides connection to black DVL or DuraBlack, when used in conjunction with an adapter. (For adapters see DVL/DuraBlack section).

SIZE	5"	6"	7"	8"
A	5"	6"	7"	8"
B	7"	8"	9"	10"
STOCK #	9355	9455	9555	9655

### Finishing Collar w/Adapter

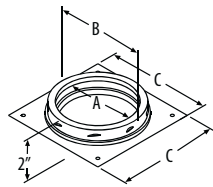
\*updated part\*



New integrated collar with adapter, fits into the female end of the chimney pipe to provide a decorative black finish. Use on chimney pipe that is suspended with the roof support system or on pipe that is passing through a wall thimble. Provides connection to black DVL or DuraBlack.

SIZE	5"	6"	7"	8"
STOCK #	9358	9458	9558	9658

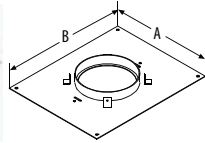
### Anchor Plate



Use to attach DuraTech Chimney to zero-clearance or masonry fireplaces. Check with zero-clearance fireplace manufacturer to ensure DuraTech Chimney is approved for use on fireplace.

SIZE	5"	6"	7"	8"
A	5"	6"	7"	8"
B	7"	8"	9"	10"
C	9"	10"	11"	12"
STOCK #	9341	9441	9541	9641

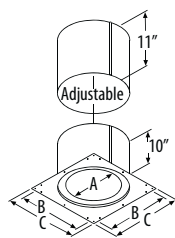
### Transition Anchor Plate



Use when converting from DuraLiner to DuraTech in chimney restoration. Use with a DuraLiner Slip Connector and Hanger (See DuraLiner section).

SIZE	6"	6"	6"	6"	8"	8"	8"	8"
A	14"	17"	13"	17"	14"	17"	13"	17"
B	17"	17"	21"	21"	17"	17"	21"	21"
STOCK #	9440A	9440B	9440C	9440D	9640A	9640B	9640C	9640D

### Firestop Radiation Shield



Use in ceiling/floor penetrations when a ceiling support is not used. Not required when passing through the roof. Fits on underside of ceiling and adjusts to cover framing.

SIZE				
A	7 1/8"	8 1/8"	9 1/8"	10 1/8"
B	10 7/8"	11 7/8"	12 7/8"	13 7/8"
C	13"	14"	15"	16"
STOCK #	9347	9447	9547	9647



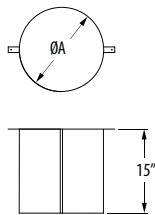
### Attic Insulation Shield



Required for installations that pass through an attic to prevent insulation and debris from accumulating near the chimney. Fits over Firestop Radiation Shield or a support box. Consists of two parts – a collar and a base. Adjustable length.

SIZE	5"	6"	7"	8"
A	7"	8"	9"	10"
B	13"	14"	15"	16"
STOCK #	9346	9446	9546	9646

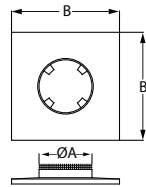
### Roof Radiation Shield



Install where a chimney passes through a roof. May be required for Canadian zero-clearance fireplaces, refer to appliance manufacturer's installation instructions.

SIZE	5"	6"	7"	8"
A	9"	10"	11"	12"
STOCK #	9389	9489	9589	9689

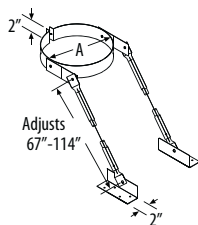
### Chase Top Flashing



Encloses the top of a chase while providing a ventilation air passage from the chase. UL Listed. Includes spacer clips. Storm collar not included. Made of galvalume.

SIZE	5"	6"	7"	8"
A	10"	11"	12"	13"
B	18 3/4"	19 3/4"	20 3/4"	21 3/4"
STOCK #	9330	9430	9530	9630

### Extended Roof Bracket



Use to support the chimney when it extends more than 5' above the roof. Provides stability to chimney against wind and snow. Mounting brackets and adjustable tubing included.

SIZE	5"	6"	7"	8"
A	7"	8"	9"	10"
STOCK #	9365	9465	9565	9665

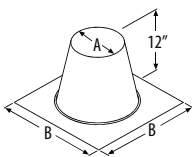
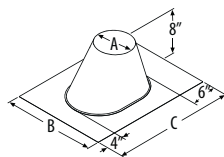
### DSA Roof Flashings



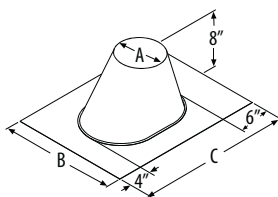
Use with metal or tile roofs. Available in sizes 6" and 8" in large base 0/12-6/12 (shown) and 7/12-12/12 styles. Made of dead soft aluminum. Refer to Roof Flashing table for dimensions.

STOCK #	6"	8"
0/12 - 6/12	9449DSA	9649DSA
7/12 - 12/12	9450DSA	9650DSA

### Roof Flashing



Flat Roof Flashing

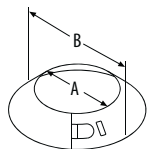


Large Base Adjustable Flashing

Use to weather proof the penetration of chimney pipe through the roof. Storm Collar required. Select roof flashing based on pitch of roof. For example, a 6/12 pitch has a vertical rise of 6" over a horizontal distance of 12". Made of galvalume. 6"-8" available with large base.

ADJUSTABLE SIZE		5"	6"	7"	8"
0/12 - 6/12	A	7 1/2"	8 1/2"	9 1/2"	10 1/2"
	B	19"	20"	21"	22"
	C	26"	27 3/16"	28 5/16"	29 1/2"
	STOCK #	9349	9449	9549	9649
7/12 - 12/12	A	7 1/2"	8 1/2"	9 1/2"	10 1/2"
	B	19"	20"	21"	22"
	C	28 7/16"	30"	31 5/16"	33 1/4"
	STOCK #	9350	9450	9550	9650
13/12 - 18/12	A	7 1/2"	8 1/2"	9 1/2"	10 1/2"
	B	19"	20"	21"	22"
	C	32 3/16"	34 3/8"	36 3/16"	38"
	STOCK #	9352	9452	9552	9652
19/12 - 24/12	A	7 1/2"	8 1/2"	9 1/2"	10 1/2"
	B	19"	20"	21"	22"
	C	37 3/16"	39 1/2"	41 3/4"	44"
	STOCK #	9381	9481	9581	9681
FLAT ROOF		5"	6"	7"	8"
	A	7 1/4"	8 1/4"	9 1/4"	10 1/4"
	B	19 7/16"	20 11/16"	21 5/8"	21 5/8"
	STOCK #	9351	9451	9551	9651
LRG BASE ADJUSTABLE SIZE		5"	6"	7"	8"
0/12 - 6/12	A	--	8 1/4"	9 1/4"	10 1/4"
	B	--	28"	29"	30"
	C	--	27"	28"	29"
	STOCK #	--	9449LB	9549LB	9649LB
7/12 - 12/12	A	--	8 1/4"	9 1/4"	10 1/4"
	B	--	28"	29"	30"
	C	--	30"	31"	33"
	STOCK #	--	9450LB	9550LB	9650LB

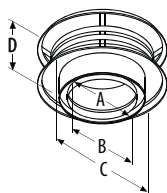
### Storm Collar



Required with DuraTech flashing to create a weather-proof penetration through the roof deck. Seal inner edge of the collar to the chimney pipe with non-hardening 500° F high-temperature sealant. Made of aluminum.

SIZE	5" - 6"	7" - 8"
A	7" - 8"	9" - 10"
B	12" - 14"	15" - 16"
STOCK #	9359	9559

### Chimney Cap



Required where pipe terminates above the roof line. Removable screws allow for cleaning of the chimney and spark arrestor screen. Made of stainless steel. See with optional Spark Arrestor screen below.

SIZE	5"	6"	7"	8"
A	5"	6"	7"	8"
B	7"	8"	9"	10"
C	11"	11"	15"	15"
D	6 1/2"	6 1/2"	6 1/2"	6 1/2"
STOCK #	9384	9484	9584	9684

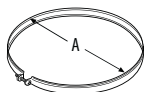
### Spark Arrestor



Use on inside of cap. Optional Spark Arrestor may be required.

SIZE	5" - 8"
STOCK #	9482

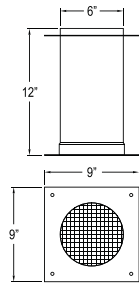
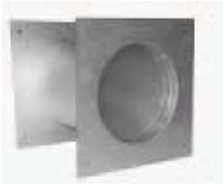
### Locking Band



Use for extra security at pipe, elbow, and tee joints. Optional.

SIZE	5"	6"	7"	8"
A	7"	8"	9"	10"
STOCK #	9301	9401	9501	9601

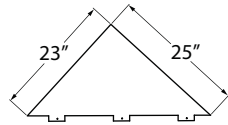
### Chase Air Intake w/ Rodent Guard



Allows required ventilation air into chase. Screen keeps rodents out.

SIZE	6"
STOCK #	1468

### Snow Splitter

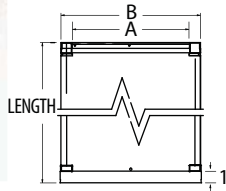


Use to divert snow around chimney, vent, and roof flashing. Constructed of paintable galvanized material. Ships flat for easy assembly.

SIZE	6"
STOCK #	9493

# DuraTech® 10"-24"

## Chimney Pipe



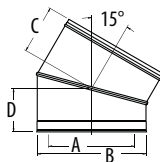
**10" - 24" Diameters** - Designed for appliances that are tested and listed for use with a 1700° F rated chimney system, such as zero-clearance or masonry fireplaces, furnaces, boilers, water heaters, ranges, or other appliances fueled by oil, coal, gas, or wood. Tested to UL 103 and listed under MH 7399. Available in galvalume (GA) and stainless steel (SS) outer wall and stainless steel inner wall. Requires fastening with screws.

DuraTech (10"-16" diameters) 24" and 36" chimney pipe is available with additional protective carton filler for shipping. Available items have stock numbers with (CF). 18"-24" diameters are built to order and are not returnable.

To calculate installed length of 10", 12", 14", 16", 18", 20", 22" or 24" DuraTech Chimney, subtract 1" from each joint overlap of chimney pipe. Important: Allow a minimum of 2" air space to combustibles when installing DuraTech Chimney.

SIZE	10"	12"	14"	16"	18"	20"	22"	24"
A	10"	12"	14"	16"	18"	20"	22"	24"
B	12"	14"	16"	18"	20"	22"	24"	26"
LENGTH								
6" GA	99105	99205	99305	99405	--	--	--	--
12" GA	99101	99201	99301	99401	99501	99601	99701	99801
12" SS	99101SS	99201SS	99301SS	99401SS	99501SS	99601SS	99701SS	99801SS
18" GA	99102	99202	99302	99402	99502	99602	99702	99802
18" SS	99102SS	99202SS	99302SS	99402SS	99502SS	99602SS	99702SS	99802SS
24" GA	99103	99203	99303	99403	99503	99603	99703	99803
24" GA	99103CF	99203CF	--	--	--	--	--	--
24" SS	99103SS	99203SS	99303SS	99403SS	99503SS	99603SS	99703SS	99803SS
36" GA	99104	99204	99304	99404	99504	99604	99704	99804
36" GA	99104CF	99204CF	--	--	--	--	--	--
36" SS	99104SS	99204SS	99304SS	99404SS	99504SS	99604SS	99704SS	99804SS

## 15° Elbow

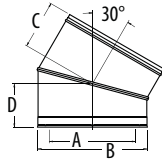


Use for offsets around obstructions such as rafters, ridgepoles, or joists. May have one pair of elbows if needed. Offsets greater than 30° are not permitted in accordance to UL 103 standards. Large diameters are restricted to one pair of elbows.

Available in galvalume (GA) and stainless steel (SS) outer wall and stainless steel inner wall. Fasten with screws.

SIZE	10"	12"	14"	16"	18"	20"	22"	24"
A	10"	12"	14"	16"	18"	20"	22"	24"
B	12"	14"	16"	18"	20"	22"	24"	26"
C	6 3/4"	6 3/4"	6 3/4"	7 1/4"	9"	9"	9"	9"
D	7"	7"	7"	6 1/2"	9"	9"	9"	9"
GA STOCK #	99164	99264	99364	99464	99564	99664	99764	99864
SS STOCK #	99164SS	99264SS	99364SS	99464SS	99564SS	99664SS	99764SS	99864SS

### 30° Elbow

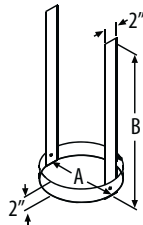


Use for offsets around obstructions such as rafters, ridgepoles, or joists. May have one pair of elbows if needed. Offsets greater than 30° are not permitted in accordance to UL 103 standards. Large diameters are restricted to one pair of elbows.

Available in galvalume (GA) and stainless steel (SS) outer wall and stainless steel inner wall. Fasten with screws.

SIZE	10"	12"	14"	16"	18"	20"	22"	24"
A	10"	12"	14"	16"	18"	20"	22"	24"
B	12"	14"	16"	18"	20"	22"	24"	26"
C	5 7/8"	6 1/8"	6 3/8"	6 5/8"	9"	9"	9"	9"
D	6 5/8"	6 7/8"	7 1/8"	7 3/8"	9"	9"	9"	9"
GA STOCK #	99166	99266	99366	99466	99566	99666	99766	99866
SS STOCK #	99166SS	99266SS	99366SS	99466SS	99566SS	99666SS	99766SS	99866SS

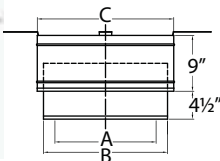
### Elbow Strap



Use to prevent excessive weight on the elbows by supporting the weight of the chimney. Required to be installed between two elbows in offset installations. Multiple elbow straps may be required for offset installations. Refer to installation instructions.

SIZE	10"	12"	14"	16"	18"	20"	22"	24"
A	12"	14"	16"	18"	20"	22"	24"	26"
B	30"	30"	30"	30"	36"	36"	36"	36"
STOCK #	99160	99260	99360	99460	99560	99660	99760	99860

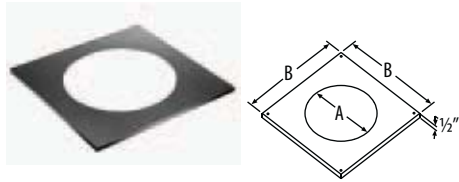
### Round Ceiling Support Box



Supports chimney pipe and provides a positive connection between support box and chimney. Supports up to 40' of DuraTech Chimney. Trim collars are sold separately. (For 10" use DuraBlack Slip Connector to attach DuraBlack to the support box. See DVL/DuraBlack section).

SIZE	10"	12"	14"	16"
A	10 5/16"	12 5/16"	14 5/16"	16 5/16"
B	14"	16"	18"	20"
C	16"	18"	20"	22"
STOCK #	99145	99245	99345	99445

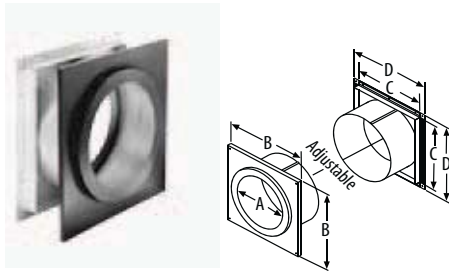
### Trim Collar For Round Support Box



Conceals gap between chimney pipe and ceiling cut-out when used with Round Ceiling Support Box. Galvalume. Painted black.

SIZE	10"	12"	14"	16"
A	14 1/4"	16 1/4"	18 1/4"	20 1/4"
B	20"	22"	24"	26"
STOCK #	99145TS	99245TS	99345TS	99445TS

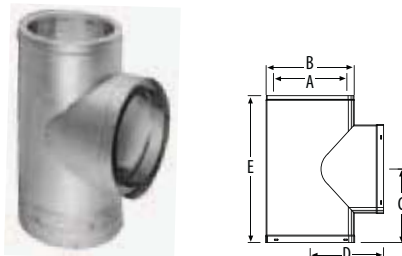
### Wall Thimble



Use to provide clearance to combustibles. Adjusts from a minimum of 4" to a maximum of 10" wall thickness, and fits between standard wall studs. To accommodate thicker walls, the telescoping pieces can be extended up to 16" with a field-fabricated extension installed. Interior trim ring painted black. Must be installed with DuraTech chimney pipe horizontally through the wall and extend 6" into the room beyond the interior wall.

SIZE	10"	12"	14"	16"
A	12 1/8"	14 1/8"	16 1/8"	18 1/8"
B	20"	22"	24"	26"
C	15 7/8"	17 7/8"	19 7/8"	21 1/8"
D	18"	20"	22"	24"
STOCK #	99143	99243	99343	99443

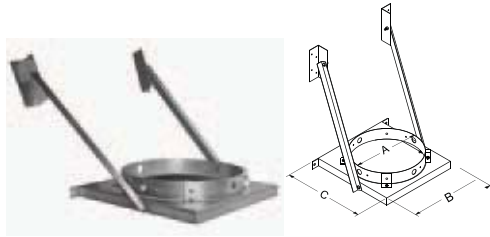
### Tee w/ Cap \*updated description\*



Use for through-the-wall installations. Includes removable Tee Cap for easy chimney cleaning or inspection. Wall Straps, a Wall Thimble, and an Adjustable Tee Support Bracket must be installed with the Tee as directed. Available in stainless steel or with a galvalume outer wall and stainless steel inner wall. 18"-24" Tee is not UL listed. See installation instructions for proper location and installation of Tee.

SIZE	10"	12"	14"	16"	18"	20"	22"	24"
A	10"	12"	14"	16"	18"	20"	22"	24"
B	12"	14"	16"	18"	20"	22"	24"	26"
C	10"	11"	12"	13"	14"	15"	16"	17"
D	10"	11"	12"	13"	14"	15"	16"	17"
E	20"	22"	24"	26"	28"	30"	32"	34"
GA STOCK #	99167GA	99267GA	99367GA	99467GA	99567GA	99667GA	99767GA	99867GA
SS STOCK #	99167SS	99267SS	99367SS	99467SS	99567SS	99667SS	99767SS	99867SS

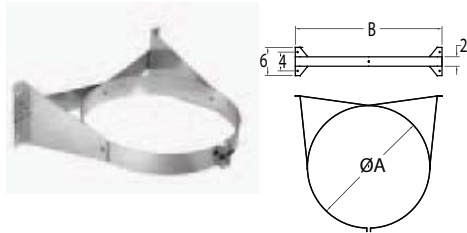
### Tee Support Bracket



Use as wall support for chimney system. Supports up to 30' of DuraTech Chimney. Attaches to chimney pipe. Can be installed above or below the Tee. If installed below the Tee, a short section of pipe is required.

SIZE	10"	12"	14"	16"
A	12"	14"	16"	18"
B	14"	16"	18"	20"
C	15 1/8"	17 1/8"	19 1/8"	21 1/8"
STOCK #	99172GA	99272GA	99372GA	99472GA

### Wall Strap



Use in interior or exterior installations to add lateral support to the chimney. Assures a 2" clearance to combustible walls. Required every 4'.

SIZE	10"	12"	14"	16"	18"	20"	22"	24"
A	12"	14"	16"	18"	20"	22"	24"	26"
B	16"	18"	20"	22"	23"	25"	27"	29"
STOCK #	99168GA	99268GA	99368GA	99468GA	99568	99668	99768	99868

### Finishing Collar

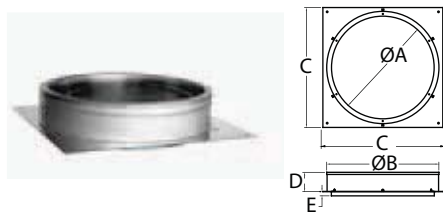


Fits over the female end of the chimney pipe to provide a decorative black finish. Use on chimney pipe that is suspended with the roof support system or on pipe that is passing through a wall thimble.

SIZE	10"
A	10"
B	12"
STOCK #	99155

### Anchor Plate

\*updated drawing & dimensions\*

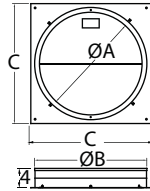


Use as a starter section for DuraTech. Bolts directly to masonry fireplace outlet.

SIZE	10"	12"	14"	16"	18"	20"	22"	24"
A	10"	12"	14"	16"	18"	20"	22"	24"
B	12 1/16"	14 1/16"	16 1/16"	18 1/16"	20 1/16"	22 1/16"	24 1/16"	26 1/16"
C	14"	16"	18"	20"	22"	24"	26"	28"
D	7/8"	7/8"	7/8"	7/8"	1"	1"	1"	1"
E	1"	1"	1"	1"	1"	1"	1"	1"
STOCK #	99141	99241	99341	99441	99541	99641	99741	99841



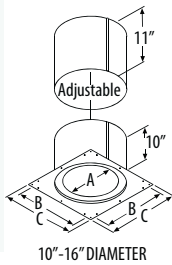
### Anchor Plate w/Damper



Use as a starter section for DuraTech. Bolts directly to fireplace outlet. Damper section allows chimney to be closed when fireplace is not in use. Includes chain and lintel hook.

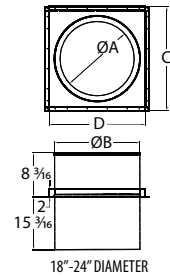
SIZE	10"	12"	14"	16"	18"	20"	22"	24"
A	10"	12"	14"	16"	18"	20"	22"	24"
B	12"	14"	16"	18"	20"	22"	24"	26"
C	14"	16"	18"	20"	22"	24"	26"	28"
STOCK #	99142	99242	99342	99442	99542	99642	99742	99842

### Firestop Radiation Shield

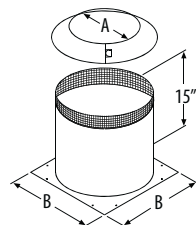


Use in ceiling/floor penetrations other than those that include the ceiling support. Fits on underside of ceiling and adjusts to cover framing.

SIZE	10"	12"	14"	16"	18"	20"	22"	24"
A	12 1/8"	14 1/8"	16 1/8"	18 1/8"	20 1/8"	22 1/8"	24 1/8"	26 1/8"
B	15 7/8"	17 7/8"	19 7/8"	21 7/8"	23"	25"	27"	29"
C	18"	20"	22"	24"	26"	28"	30"	32"
D	--	--	--	--	24"	26"	28"	30"
STOCK #	99147	99247	99347	99447	99547	99647	99747	99847



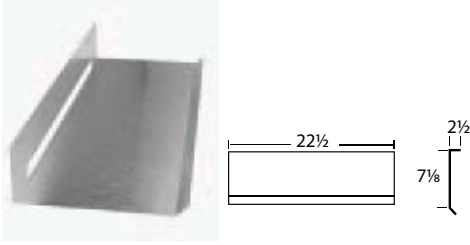
### Attic Insulation Shield



Use in installations that pass through an attic to prevent insulation and debris from accumulating near the chimney, unless chimney is enclosed through attic. Fits over Firestop Radiation Shield or a support box. Consists of two parts – a collar and a base. Mesh sleeve around top.

SIZE	10"	12"	14"	16"	18"	20"	22"	24"
A	12"	14"	16"	18"	20"	22"	24"	26"
B	18"	20"	22"	24"	26"	28"	30"	32"
STOCK #	99146	99246	99346	99446	99546	99646	99746	99846

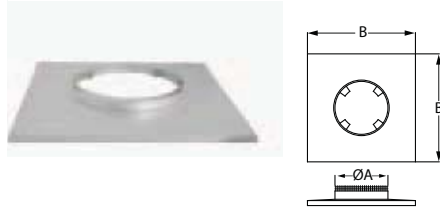
### Roof Radiation Shield



Required at top of chase enclosure or where chimney passes through the roof. Not required if chimney is unenclosed in the attic. Four plates (included) make up one shield.

SIZE	STOCK #
18" - 24"	99574

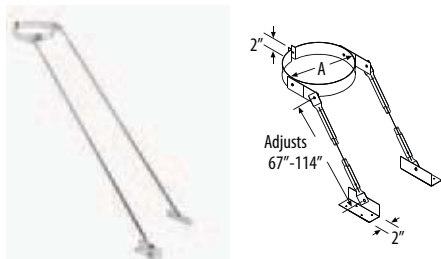
### Chase Top Flashing



Encloses the top of a chase while providing a ventilation air passage from the chase. UL Listed. Includes spacer clips. Storm collar not included. Made of galvalume.

SIZE	10"	12"	14"	16"	18"	20"	22"	24"
A	15"	17"	19"	21"	20"	22"	24"	26"
B	34"	36"	38"	40"	40"	40"	40"	40"
STOCK #	99130	99230	99330	99430	99530	99630	99730	99830

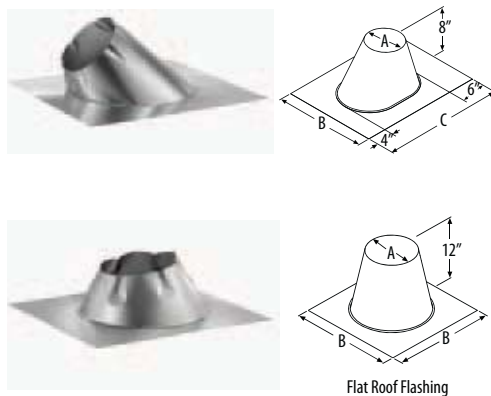
### Extended Roof Bracket



Use to support the chimney when it extends more than 5' above the roof. Provides stability to chimney against wind and snow. Mounting brackets and adjustable tubing included.

SIZE	10"	12"	14"	16"
A	12"	14"	16"	18"
STOCK #	99165	99265	99365	99465

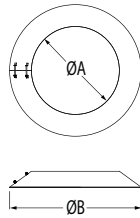
### Roof Flashings



Use to weather proof the penetration of chimney pipe through the roof. Storm Collar required. Select roof flashing based on pitch of roof. For example, a 6/12 pitch has a vertical rise of 6" over a horizontal distance of 12". Made of galvalume.

0/12 - 6/12	10"	12"	14"	16"
A	12 1/2"	14 1/2"	16 1/2"	18 1/2"
B	32"	32"	36"	38"
C	30"	34"	34"	36"
STOCK #	99149	99249	99349	99449
FLAT ROOF	10"	12"	14"	16"
A	12 1/2"	14 1/2"	16 1/2"	18 1/2"
B	24"	26"	28"	30"
STOCK #	99151	99251	99351	99451

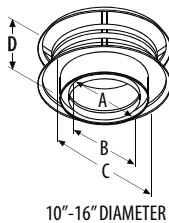
### Storm Collar



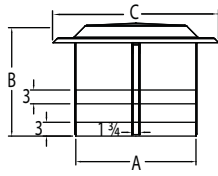
Required with DuraTech flashing to create a weather-proof penetration through the roof deck. Seal inner edge of the collar to the chimney pipe with non-hardening 500° F high-temperature sealant.

SIZE	10"	12"	14"	16"	18"	20"	22"	24"
A	12"	14"	16"	18"	20"	22"	24"	26"
B	23"	25"	27"	29"	31"	33"	35"	37"
STOCK #	99159	99259	99359	99459	99559	99659	99759	99859

### Chimney Cap



10"-16" DIAMETER

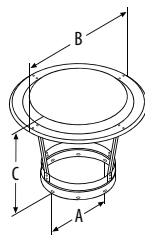


18"-24" DIAMETER

Required where pipe terminates above the roof line. Removable screws allow for cleaning of the chimney and spark arrestor screen. Made of stainless steel.

SIZE	10"	12"	14"	16"	18"	20"	22"	24"
A	10"	12"	14"	16"	20 1/8"	22 1/8"	24 1/8"	26 1/8"
B	12"	14"	16"	18"	20"	20"	20"	20"
C	22"	22"	26"	26"	30"	32"	34"	36"
D	10 1/2"	10 1/2"	10 1/2"	10 1/2"	--	--	--	--
STOCK #	99184	99284	99384	99484	99585	99685	99785	99885

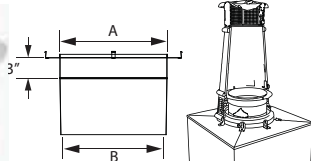
### Economy Chimney Cap



Required where pipe terminates above the roof line. Removable screws allow for cleaning of the chimney and spark arrestor screen. Made of stainless steel. Optional spark arrestor screen available.

SIZE	10"	12"	14"	16"
A	12 1/8"	14 1/8"	16 1/8"	18 1/8"
B	22"	22"	26"	26"
C	13 7/16"	13 3/4"	15 7/16"	15 5/8"
STOCK #	99185	99285	99385	99485

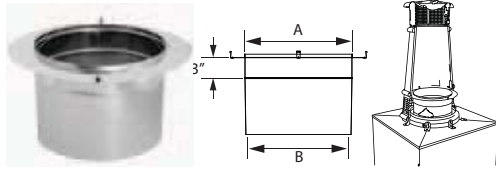
### European Copper Adapter - King Model



Use for installing the European Copper Chimney Pots King model shroud/pot onto DuraTech chimney.

SIZE	STOCK #	A	B
10"	10DCA-ECK	10"	9 1/2"
12"	12DCA-ECK	12"	11 1/2"
14"	14DCA-ECK	14"	13 1/2"

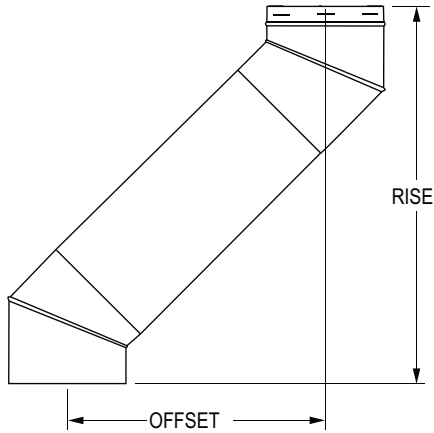
### European Copper Adapter - Bishop Model



Use for installing the European Copper Chimney Pots Bishop model shroud/pot onto DuraTech chimney. King model shown.

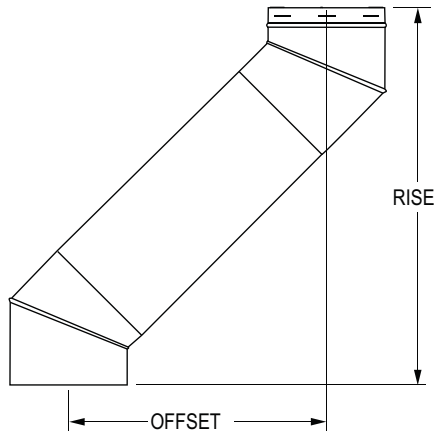
SIZE	STOCK #	A	B
10"	10DCA-ECB	10"	9 1/2"
12"	12DCA-ECB	12"	11 1/2"
14"	14DCA-ECB	14"	13 1/2"
16"	16DCA-ECB	16"	15 1/2"

### Elbow Offset Chart For 5"- 8" DuraTech



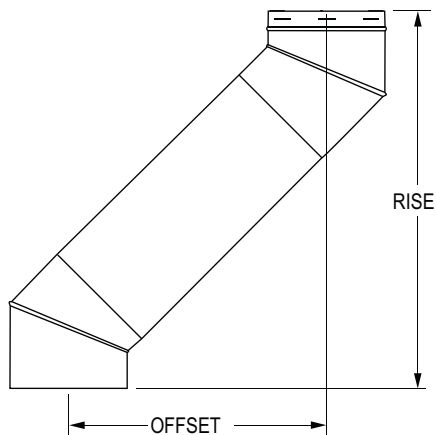
SIZE		5", 6", 7", 8" Diameter	
Elbow Angle from Vertical	Chimney Length Between Elbows	Offset inches	Rise inches
15°	0"	2"	16 1/2"
15°	6"	3 1/4"	21 1/4"
15°	9"	4"	24 1/8"
15°	12"	4 3/4"	27"
15°	18"	6 1/4"	32 3/4"
15°	24"	8"	38 1/2"
15°	36"	11"	50 1/4"
15°	48"	14 1/4"	61 3/4"
15°	48" + 6"	15 1/2"	66 1/2"
15°	48" + 9"	16 1/4"	69 3/8"
15°	48" + 12"	17"	72 1/4"
15°	48" + 18"	18 1/2"	78"
15°	48" + 24"	20"	83 3/4"
30°	0"	4"	15 3/4"
30°	6"	6 1/4"	20"
30°	9"	7 3/4"	22 3/8"
30°	12"	9 1/4"	25 1/4"
30°	18"	12 1/4"	30 1/4"
30°	24"	15 1/4"	35 1/2"
30°	36"	21 1/4"	46"
30°	48"	27 1/4"	56 1/4"
30°	48" + 6"	29 3/4"	60 1/2"
30°	48" + 9"	31 1/4"	63 1/8"
30°	48" + 12"	32 3/4"	65 3/4"
30°	48" + 18"	35 3/4"	71"
30°	48" + 24"	38 3/4"	76"

### Large Diameter Elbow Offset Chart For 10"- 16" DuraTech



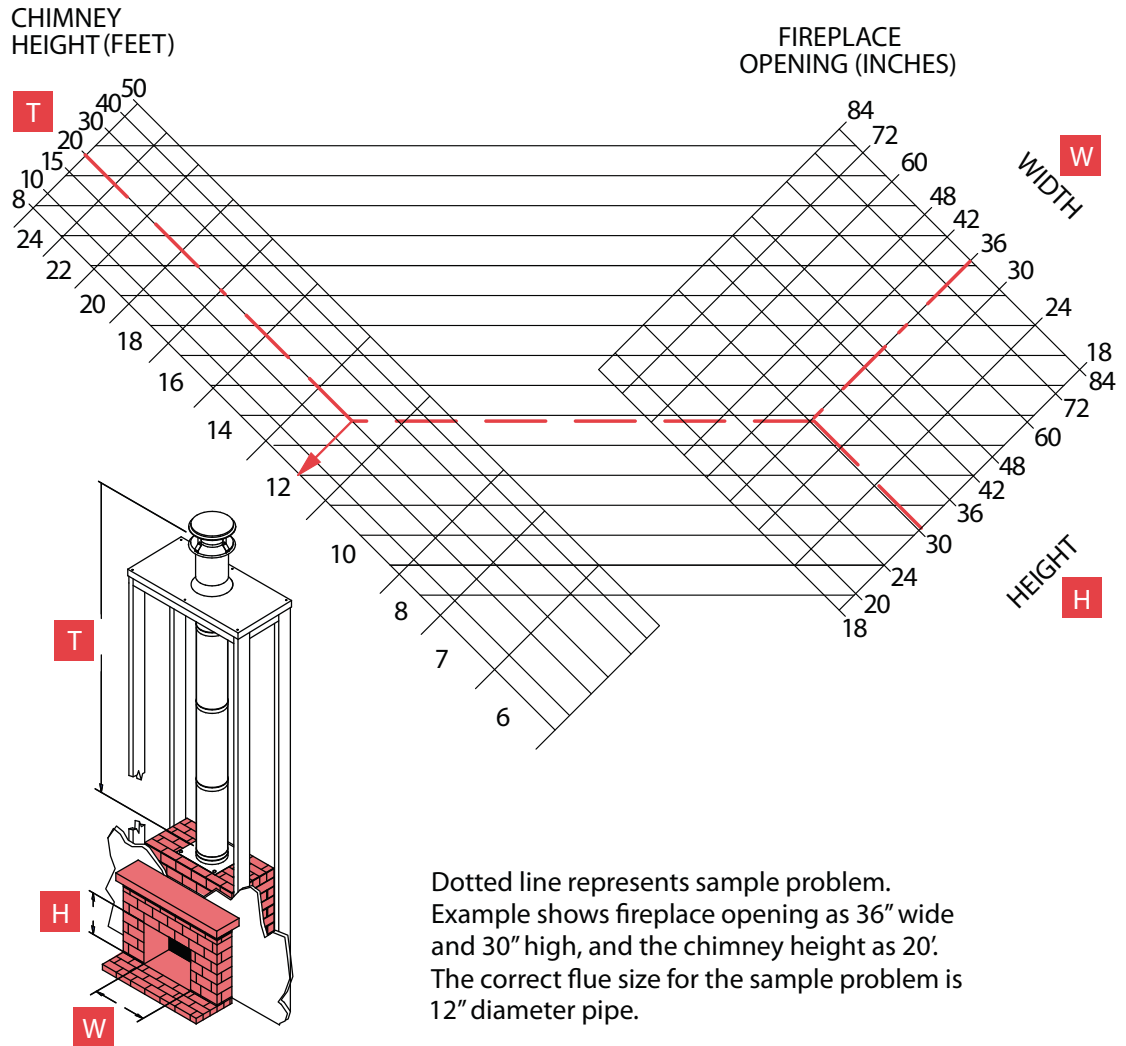
SIZE		10", 12", 14", 16" Diameter	
Elbow Angle from Vertical	Chimney Length Between Elbows	Offset inches	Rise inches
15°	0"	2 3/4"	22 1/4"
15°	6"	4 1/4"	27 1/4"
15°	12"	5 3/4"	33 3/4"
15°	18"	7 1/4"	39"
15°	24"	9"	44 3/4"
15°	36"	12"	56 1/4"
15°	24"+24"	14 3/4"	66 3/4"
30°	0"	6 1/4"	23 3/4"
30°	6"	8 3/4"	27 3/4"
30°	12"	11 3/4"	33"
30°	18"	14 3/4"	38 1/4"
30°	24"	17 3/4"	43 1/4"
30°	36"	23 3/4"	53 3/4"
30°	24"+24"	29"	63"

### Large Diameter Elbow Offset Chart For 18"- 24" DuraTech



SIZE		18", 20", 22", 24" Diameter	
Elbow Angle from Vertical	Chimney Length Between Elbows	Offset inches	Rise inches
15°	0"	4 1/2"	34 1/2"
15°	12"	7 1/4"	45"
15°	18"	8 3/4"	50 3/4"
15°	24"	10 1/4"	56 1/2"
15°	36"	13 1/2"	68 1/4"
15°	24"+24"	16 1/4"	78 3/4"
30°	0"	8 1/2"	32 3/4"
30°	12"	14"	42 1/4"
30°	18"	17"	47 1/2"
30°	24"	20"	52 3/4"
30°	36"	26"	63"
30°	24"+24"	31 1/2"	72 1/2"

## Chimney Sizing Chart For Fireplace Installations



**DuraPlus®**

**All-fuel, triple-wall  
chimney system.**

**UL 103 HT.**



## Specifications

### Applications

DuraPlus Chimney is a triple-wall, all-fuel chimney for use with wood stoves, fireplaces, furnaces, boilers, stoves, ranges, water heaters, or other appliances fueled by wood, oil, coal, or gas.

### Materials and Construction

.016" 430 stainless steel outer wall or .018" galvanized steel outer wall. .018" aluminized steel intermediate liner. .016" 430 stainless steel inner liner. Insulated layers of ceramic blanket plus ventilated air space. Locks tightly with a precision twist-lock connection.

### Clearances

2" clearance to combustibles.

### Diameters

6"-8"

### Listings

UL Listed to UL 103HT (MH7399).



## UL 103 HT System

### DuraPlus

DuraPlus is designed to stay cool on the outside, to provide a hot draft on the inside, to boost stove efficiency, and to provide for a fire-safe design that protects both the chimney and the building. This triple-wall chimney features two insulating layers (ceramic blanket, plus air space). The ceramic blanket insulation is held securely in position, eliminating hot spots common with loose-fill type insulations. In the event of a creosote fire, the compressible blanket insulation permits the chimney liner to expand outwardly in a radial direction.

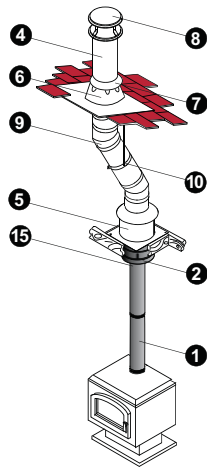
Designed for normal, continuous operation at 1000° F flue gas temperatures, DuraPlus is subjected to rigorous and stringent HT requirements of the UL standard, including one hour at 1400° F, plus three ten minute chimney fire tests at 2100° F.

**\*updated information\***

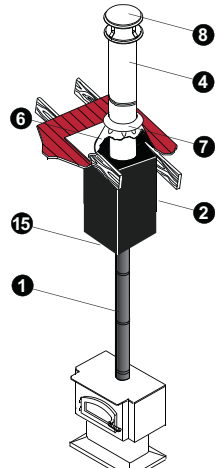




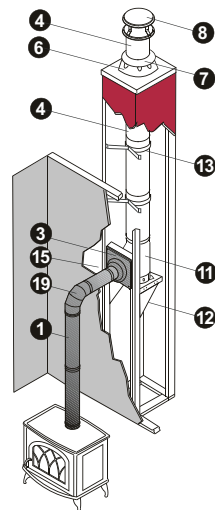
## Typical Installations



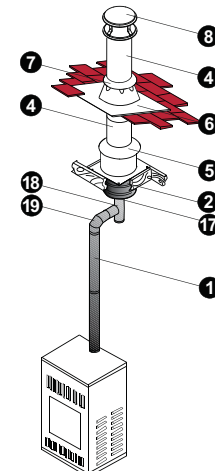
Attic Offset



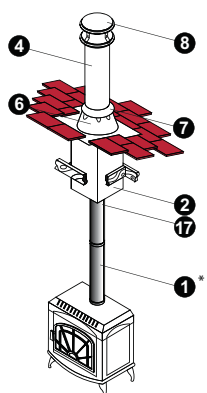
Cathedral Ceiling Roof Support



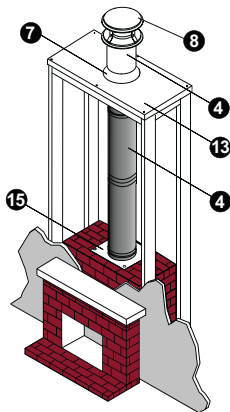
Through-the-Wall



Oil Furnace



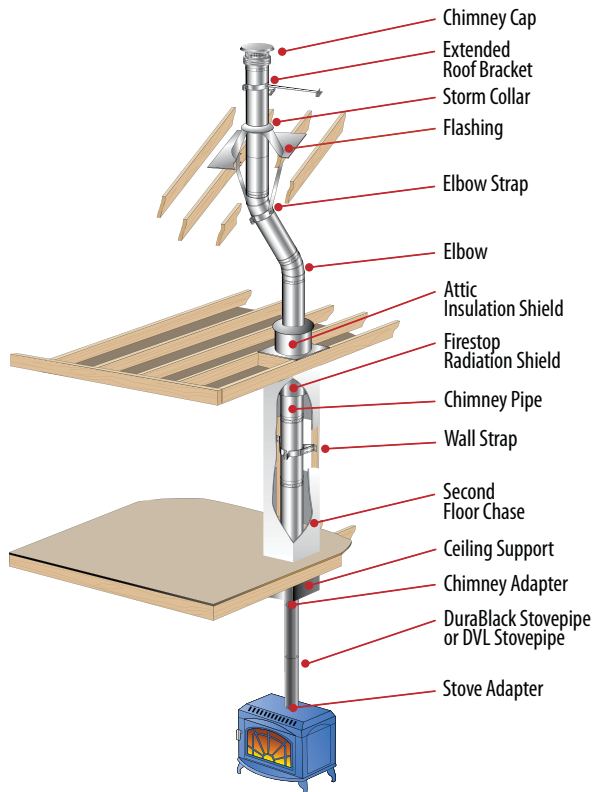
Manufactured Home  
\*DVL stovepipe required for this installation



Fireplace  
(New or retrofit)

Installation Key			
1	DVL or DuraBlack Stovepipe	1	Tee Support Bracket
2	Ceiling Support Box	13	Wall Strap
3	Wall Thimble	14	Firestop Radiation Shield
4	DuraPlus Chimney	15	Snap-Lock Adapter, DVL/DuraBlack Chimney Adapter, DuraBlack Slip Connector
5	Attic Insulation Shield	16	Extended Roof Bracket
6	Roof Flashing	17	DVL or DuraBlack Chimney Adapter
7	Storm Collar	18	DVL or DuraBlack Tee
8	Chimney Cap	19	DVL or DuraBlack Elbow
9	Elbow	20	Chase Top Flashing
10	Elbow Strap	21	Anchor Plate
11	Tee with Cap		

- Refer to our Typical Venting Installation drawings to select the appropriate component parts for your installation.
- A DVL/DuraBlack Chimney Adapter or DuraBlack Slip Connector must be used when connecting DVL or DuraBlack stovepipe to a Ceiling Support, Wall Thimble, or Finishing Collar. A Snap-Lock Adapter must be used when attaching snap-lock stovepipe to DuraPlus.
- A Wall Thimble must be installed with an appropriate section of chimney pipe for all horizontal through-the-wall installations. To accommodate thicker walls a wall thimble extension can be field fabricated.
- An Attic Insulation Shield must be used in all installations that pass through an attic, regardless of whether the attic is insulated or not. If chimney is enclosed in a chase in the attic space, an Attic Insulation Shield is not required.
- A Firestop Radiation Shield must be used when a chimney passes through a floor or ceiling without a Ceiling Support Box.



## Planning Your Installation

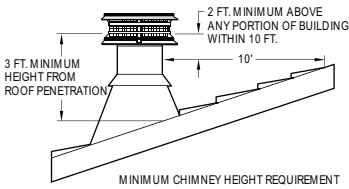


Figure 1

The following recommendations are a general guideline to assist in the layout and selection of the chimney components needed for your installation. Always follow DuraVent Installation instructions before installing your chimney system (enclosed with the cap or support box). Installation instructions can be viewed online at [www.duravent.com](http://www.duravent.com), under catalogs and instructions.

- The diameter of the chimney should match the outlet size of the appliance. An improperly sized chimney results in poor draft and excessive creosote formation.
- Measure the diameter of the appliance flue outlet. Select the chimney and either DVL or DuraBlack connector stovepipe with the same size diameter as the appliance flue outlet. For fireplace installations, refer to the sizing chart in the back of the DuraTech section of this catalog.
- Determine if the installation is a through-the-roof installation or a through-the-wall installation. A through-the-wall installation will require additional components (Wall Thimble, Tee w/ Cap, Tee Support, and Wall Straps).
- Install the chimney in the interior of the structure whenever possible. A cold exterior chimney will produce less draft and will generate more creosote.
- If possible, avoid offsets that serve to restrict the natural draft. A straight vertical installation is more efficient and less likely to develop creosote. If an offset is required to avoid rafters or other obstructions, measure the horizontal distance required and the vertical height available. Both 15° and 30° elbows are available. Elbows greater than 30° are not allowed in the United States. A maximum of two offsets in a single installation are permitted. Refer to the offset table in the back of this catalog. At least one Elbow Strap is required for each offset. Elbow Straps ensure adequate support.
- Determine the minimum chimney height above the roof line. Building codes require a minimum of 3' above the roof penetration and at least 2' higher than any portion of a building within 10'. See figure 1. The termination cap is installed above that point. If chimney is more than 4' above the roof penetration an Extended Roof Bracket is required.
- Measure the roof pitch. For example, a 6/12 pitch has a vertical rise of 6" over a horizontal distance of 12". Select the appropriate flashing.
- Determine the total length of chimney and stovepipe required for the installation. To calculate the installed per length of 6"-8" DuraPlus chimney pipe, subtract 1 1/2" per joint. Subtract 1 1/4" per joint of DuraBlack stovepipe. Subtract 1 1/2" per joint of DVL stovepipe. Minimum chimney height, at sea level of straight vertical chimney is 10' to 15' above the appliance outlet. Higher elevations, or the use of elbows or a tee, will require approximately 30% to 60% more height to provide for an adequate draft.
- Be fire safe. Maintain at least 2" clearance to combustibles. Follow local building codes and have your chimney inspected by a certified professional.

## Basic Kit



Kit includes: DVL/DuraBlack Chimney Adapter, Snap-Lock Adapter, 11" Square Ceiling Support Box with Trim, Adjustable Flashing 0/12-6/12, Chimney Cap, Storm Collar, and Attic Insulation Shield. Only available in 6" diameter. Pipe not included. Can be used for cathedral ceiling installations.

Use for typical through-the-roof installations.

SIZE	6"
STOCK #	9085

## Manufactured Home Kit



Kit includes: DVL/DuraBlack Adapter, 24" Square Ceiling Support Box with Trim, Adjustable Flashing 0/12-6/12, Chimney Cap, Storm Collar, and (2) 24" DuraPlus Chimney Pipe (galvanized). Only available in 6" diameter. Can be used for cathedral ceiling installations.

Use for manufactured home through-the-roof installations.

SIZE	6"
STOCK #	9086

## Through-The-Wall Kit

**\*updated photo\***



Kit includes: DVL/DuraBlack Chimney Adapter, Snap-Lock Adapter, 9" DuraPlus Chimney Pipe (galvanized), Wall Thimble, Tee w/ Cap, (2) Adjustable Wall Strap, Tee Support Bracket, and Chimney Cap. Only available in 6" diameter.

Use for through-the-wall installations.

SIZE	6"
STOCK #	9088

## Pipe Selection Chart

Installed Chimney Height	Chimney Sections Used				Installed Chimney Height	Chimney Sections Used			
	6"	12"	24"	36"		6"	12"	24"	36"
6"	1				14'-10 1/2"	1			5
1'		1			15'-4 1/2"		1		5
2'			1		16'-4 1/2"			1	5
3'				1	17'-4 1/2"				6
3'-4 1/2"	1			1	17'-9"	1			6
3'-10 1/2"		1		1	18'-3"		1		6
4'-10 1/2"			1	1	19'-3"			1	6
5'-10 1/2"				2	20'-3"				7
6'-3"	1			2	20'-7 1/2"	1			7
6'-9"		1		2	21'-1 1/2"		1		7
7'-9"			1	2	22'-1 1/2"			1	7
8'-9"				3	23'-1 1/2"				8
9'-1 1/2"	1			3	23'-6"	1			8
9'-7 1/2"		1		3	24'		1		8
10'-7 1/2"			1	3	25'			1	8
11'-7 1/2"				4	26'				9
12'	1			4	26'-4 1/2"	1			9
12'-6"		1		4	26'-10 1/2"		1		9
13'-6"			1	4	27'-10 1/2"			1	9
14'-6"				5	28'-10 1/2"				10

## Chimney Pipe

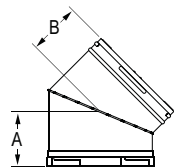


Designed for appliances tested and listed for use with wood stoves, fireplaces, furnaces, boilers, stoves, ranges, water heaters, or other appliances fueled by wood, oil, coal, or gas. 6", 9", and 12" chimney pipe has 1" insulation blanket; 24", 36" chimney pipe has 1/2" insulation. To calculate the installed length of DuraPlus chimney pipe, subtract 1 1/2" from each length of chimney pipe.

Additional protective carton filler for shipping is available, items have stock numbers with (CF).

SIZE	6"	7"	8"
A	6"	7"	8"
B	10"	11"	12"
LENGTH			
6"	9006	9106	9206
9"	9019	9119	9219
12"	9014	9114	9214
24"	9021	9121	9221
24"	--	--	9221CF
24"SS	9021SS	9121SS	9221SS
24" SS	--	--	9221SSCF
36"	9017	9117	9217
36"	9017CF	--	9217CF
36" SS	9017SS	9117SS	9217SS
36" SS	9017SSCF	--	9217SSCF

## Elbow Kit

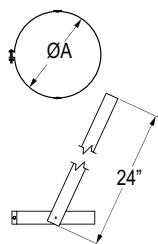


Kit includes: (2) elbows and one Elbow Strap.

Use for offsets around obstructions such as rafters, ridgepoles, or joists. May have two pairs of elbows, if needed. Offsets greater than 30° are not permitted in accordance to UL 103 standards. Elbows swivel 360° at base (angles are not adjustable). A pair of elbows is required to return an offset chimney back to vertical. Available in stainless steel (SSKIT) or galvalume (KIT) outer wall.

15°	STOCK #	A	B
6"	9064KIT	4"	3 3/4"
6"	9064SSKIT	4"	3 3/4"
7"	9164KIT	4 1/4"	4 1/8"
7"	9164SSKIT	4 1/4"	4 1/8"
8"	9264KIT	4 1/4"	4 1/4"
8"	9264SSKIT	4 1/4"	4 1/4"
30°	STOCK #	A	B
6"	9066KIT	4 1/2"	4 3/4"
6"	9066SSKIT	4 1/2"	4 3/4"
7"	9166KIT	4 5/8"	4 3/4"
7"	9166SSKIT	4 5/8"	4 3/4"
8"	9266KIT	5"	4 3/4"
8"	9266SSKIT	5"	4 3/4"

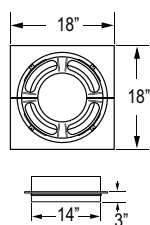
## Elbow Strap



Use to prevent excessive weight on the elbows by supporting the weight of the chimney. Required to be installed between two elbows in offset installations. Multiple elbow straps may be required for offset installations. Refer to installation instructions.

SIZE	6"	7"	8"
A	10"	11"	12"
STOCK #	9060	9160	9260

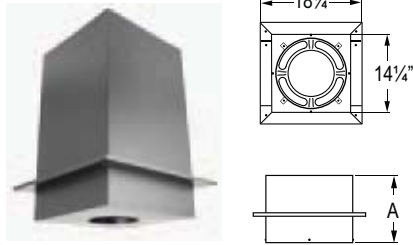
## Round Ceiling Support



Supports chimney pipe and provides a positive connection between support box and chimney with a built-in twist-lock. Supports up to 35' of DuraPlus Chimney. Use adapter to attach DVL or DuraBlack to the support box. Painted black. Trim collar included. (For adapters see DVL/DuraBlack section.)

SIZE	6"	7"	8"
STOCK #	9045N	9145N	9245N

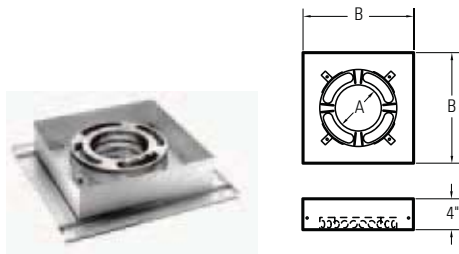
### Square Ceiling Support Box



Use with flat, vaulted, or cathedral ceilings. Square Ceiling Support Box is painted black. Refer to Ceiling Pitch table to determine size of support box needed. Supports up to 35' of DuraPlus Chimney. Starter Section built in. For adapters, see DVL/DuraBlack section. Trim included.

SIZE	STOCK #	A	CEILING PITCH		
			DURABLACK	DVL	USE
6"	9048AN	11"			
6"	9048BN	24"	0/12 - 4/12	0/12 - 6/12	11" Support box
6"	9048DN	36"	5/12 - 9/12	7/12 - 13/12	24" Support box
7"	9148AN	11"			
7"	9148BN	24"			
7"	9148DN	36"			
8"	9248AN	11"			
8"	9248BN	24"			
8"	9248DN	36"	10/12 - 14/12	14/12 - 20/12	36" Support box

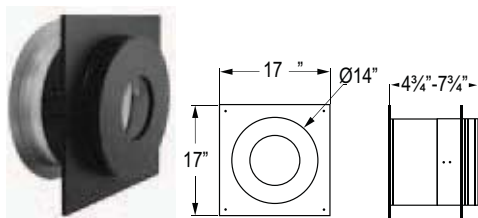
### Flat Ceiling Support Box



Supports chimney pipe and provides a positive connection between support box and chimney with a built-in twist-lock. Designed for installation in flat ceilings only. Supports up to 35' of DuraPlus chimney pipe. Use adapter to attach DVL or DuraBlack to the support box. A 2" wide trim collar is included. Not painted, but can be painted with high temperature paint. For adapters, see DVL/DuraBlack section.

SIZE	STOCK #	A	B
6"	9047N	6 1/4"	14 1/4"
7"	9147N	7 1/4"	14 1/4"
8"	9247N	8 1/4"	14 1/4"

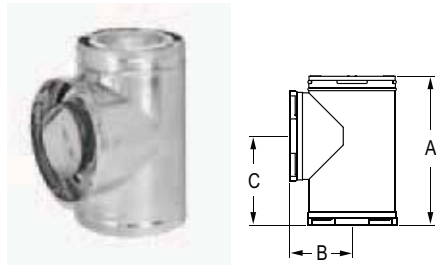
### Wall Thimble



Adjusts from a minimum of 4 3/4" to a maximum of 7 3/4" wall thickness, and fits between standard wall studs. To accommodate thicker walls, the telescoping pieces can be extended up to 16" with a field-fabricated extension installed. Interior trim ring painted black. Must be installed with DuraPlus chimney pipe horizontally through the wall and extend a minimum of 2" into the room beyond the interior wall. For adapters, see DVL/DuraBlack section.

SIZE	STOCK #	WHEN USING A WALL THIMBLE	
		WALL THICKNESS	INSTALL PIPE SECTION
6"	9043N		
6"	9043SS	4 1/2"	6"
7"	9143N	4 1/2" - 5 1/2"	9"
7"	9143SS	5 1/2" - 8 1/2"	12"
8"	9243N	8 1/2" - 13"	(2) 9"
8"	9243SS		

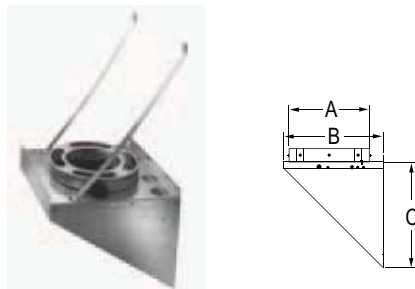
### Tee w/ Cap



Use for through-the-wall chimney installations. The tee clean-out cap is removable for easy chimney cleaning or inspection. Wall Straps, a Wall Thimble, and a Tee Support must be installed with the Tee as directed. Tees have 1" insulating blanket. Ventilation air for chimney must be drawn from outdoors. (See installation instructions.)

SIZE	STOCK #	A	B	C
6"	9067	13 7/8"	7 1/2"	8 1/4"
6"	9067SS	13 7/8"	7 1/2"	8 1/4"
7"	9167	15 3/8"	8"	8 3/4"
7"	9167SS	15 3/8"	8"	8 3/4"
8"	9267	16"	8 1/2"	9"
8"	9267SS	16"	8 1/2"	9"

### Tee Support Bracket

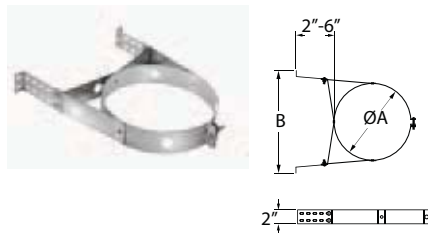


Use to support the Tee; suspended from a wall. Supports up to 35' of DuraPlus Chimney. Starter Section built in.

SIZE	STOCK #	A	B	C
6"	9072	10"	14"	12"
6"	9072SS	10"	14"	12"
7"	9172	11"	15"	13"
7"	9172SS	11"	15"	13"
8"	9272	12"	16"	14"
8"	9272SS	12"	16"	14"

### Adjustable Wall Strap

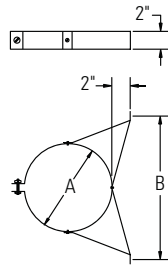
**\*updated description\***



Use in interior or exterior installations to support and to stabilize the chimney while assuring a 2" clearance. Wall straps are required every 4' on exterior of building. Adjusts 2"-6" from wall.

SIZE	STOCK #	A	B
6"	9069	10"	16 1/8"
7"	9169	11"	17 1/8"
8"	9269	12"	18 1/8"

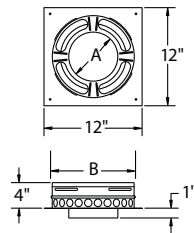
### Wall Strap **\*updated description\***



Use in interior or exterior installations to support and to stabilize the chimney while assuring a 2" clearance. Wall straps are required every 4' on exterior of building only.

SIZE	STOCK #	A	B
6"	9068	10"	16"
6"	9068SS	10"	16"
7"	9168	11"	16"
7"	9168SS	11"	16"
8"	9268	12"	16"
8"	9268SS	12"	16"

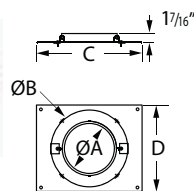
### Base Plate



Use to adapt on a zero-clearance fireplace when using DuraPlus directly off the unit. Starter Section built in.

SIZE	STOCK #	A	B
6"	9001	6"	10"
7"	9101	7"	11"
8"	9201	8"	12"

### Transition Anchor Plate

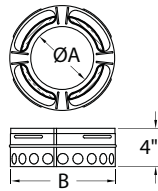


Use Transition Anchor Plate with DuraPlus when extending or converting from DuraLiner to DuraPlus in chimney restoration. Use with DuraLiner Slip Connector and Hanger. (See DuraLiner section.)

SIZE	STOCK #	A	B	C	D
6"	9040A	6 1/16"	10 3/8"	17"	14"
6"	9040B	6 1/16"	10 3/8"	17"	17"
6"	9040C	6 1/16"	10 3/8"	21"	13"
6"	9040D	6 1/16"	10 3/8"	21"	17"
8"	9240A	8 1/16"	12 3/8"	17"	14"
8"	9240B	8 1/16"	12 3/8"	17"	17"
8"	9240C	8 1/16"	12 3/8"	21"	13"
8"	9240D	8 1/16"	12 3/8"	21"	17"



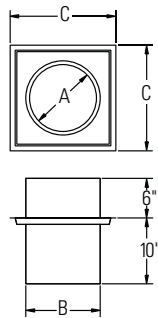
### Starter Section



Use only when converting from DuraLiner to DuraPlus and the DuraPlus Chimney is going to be enclosed in a chase. (See DuraLiner installation instructions.)

SIZE	STOCK #	A	B
6"	9011	6"	10"
8"	9211	8"	12"

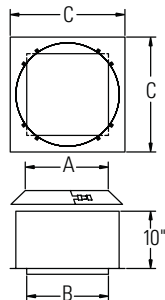
### Firestop Radiation Shield



Use in ceiling/floor penetrations when a ceiling support is not used. Not required when passing through the roof. Fits on underside of ceiling and adjusts to cover framing. See installation instructions for proper placement.

SIZE	STOCK #	A	B	C
6"	9044	10 3/16"	10 7/8"	16 1/2"
7"	9144	11 3/16"	11 7/8"	16 1/2"
8"	9244	12 3/16"	12 7/8"	16 1/2"

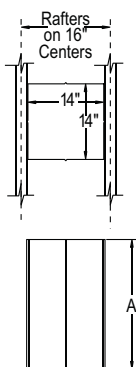
### Attic Insulation Shield



Required for installations that pass through an attic to prevent insulation and debris from accumulating near the chimney. Fits over Firestop Radiation Shield or a support box. Consists of two parts: a collar and a base.

SIZE	STOCK #	A	B	C
6" - 8"	9946	10", 11", 12"	14 1/4"	20"

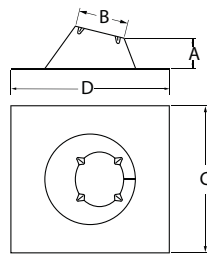
### Close Clearance Shield



Use in installations where a 7" or 8" Simpson Dura-Vent chimney system passes through a roof opening with less than the normal 2" minimum clearance to roof trusses or rafters. Chimney pipe must be centered within Close Clearance Shield. (See installation instructions.)

SIZE	STOCK #	A
6" - 8"	9980A	36"
6" - 8"	9980B	48"
6" - 8"	9980C	60"

## Roof Flashing



Use to weather proof the penetration of chimney pipe through the roof. Storm Collar required. Select roof flashing based on pitch of roof. For example, a 6/12 pitch has a vertical rise of 6" over a horizontal distance of 12". Made of galvalume.

SIZE		6"	7"	8"
FLAT ROOF	A	10 3/4"	10 3/4"	11"
	B	10 1/2"	11 3/4"	12 3/4"
	C	26"	29 1/2"	29 1/2"
	D	26"	29 1/2"	29 1/2"
	STOCK #	9051V	9151V	9251V
0/12-6/12 PITCH	A	6"	6"	6"
	B	10 3/4"	11 3/4"	12 3/4"
	C	26"	26"	26"
	D	28"	28"	28"
0/12-6/12	STOCK #	9049V	9149V	9249V
7/12-12/12	STOCK #	9050V	9150V	9250V
13/12-18/12	STOCK #	9081V	9181V	9281V
19/12-24/12	STOCK #	9052V	9152V	9252V

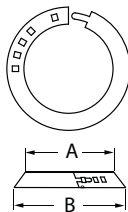
## DSA Roof Flashings



Use with metal or tile roofs. Available in sizes 6" and 8", in 0/12-6/12 (shown) and 7/12-12/12 styles. Made of dead soft aluminum. Refer to Roof Flashing table for dimensions.

SIZE	6"	8"
0/12-6/12	9049DSA	9249DSA
7/12-12/12	9050DSA	9250DSA

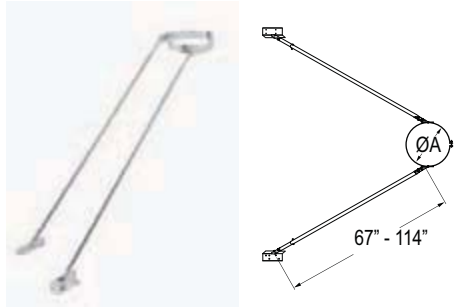
## Storm Collar



Required with DuraPlus flashing to create a weather proof penetration through the roof deck. Seal inner edge of the collar to the chimney pipe with non-hardening 500° F high-temperature sealant.

SIZE	6"	7"	8"
A	10"	11"	12"
B	13"	14"	15"
STOCK #	9959		

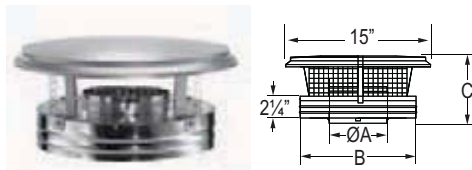
### Extended Roof Bracket



Use to support the chimney when it extends more than 4' above the roof. Provides stability to chimney against wind and snow. Mounting brackets and adjustable legs included.

SIZE	6"	7"	8"
A	10"	11"	12"
STOCK #	9061	9161	9261

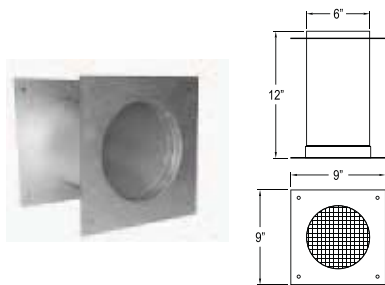
### Chimney Cap



Required where chimney pipe terminates above the roof line. Removable screws allow for cleaning of the chimney and spark arrestor screen. Made of stainless steel.

SIZE	6"	7"	8"
A	6"	7"	8"
B	12"	13"	14"
C	7"	8"	8"
STOCK #	9084	9184	9284

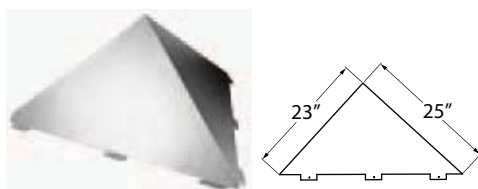
### Chase Air Intake w/ Rodent Guard



Allows required ventilation air into chase. Screen keeps rodents out.

SIZE	6"
STOCK #	1468

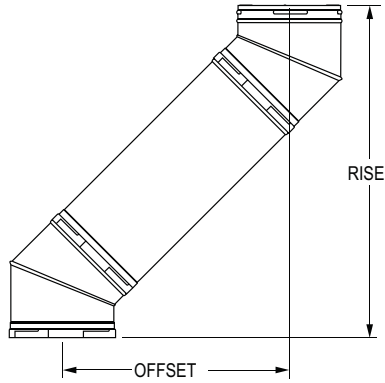
### Snow Splitter



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

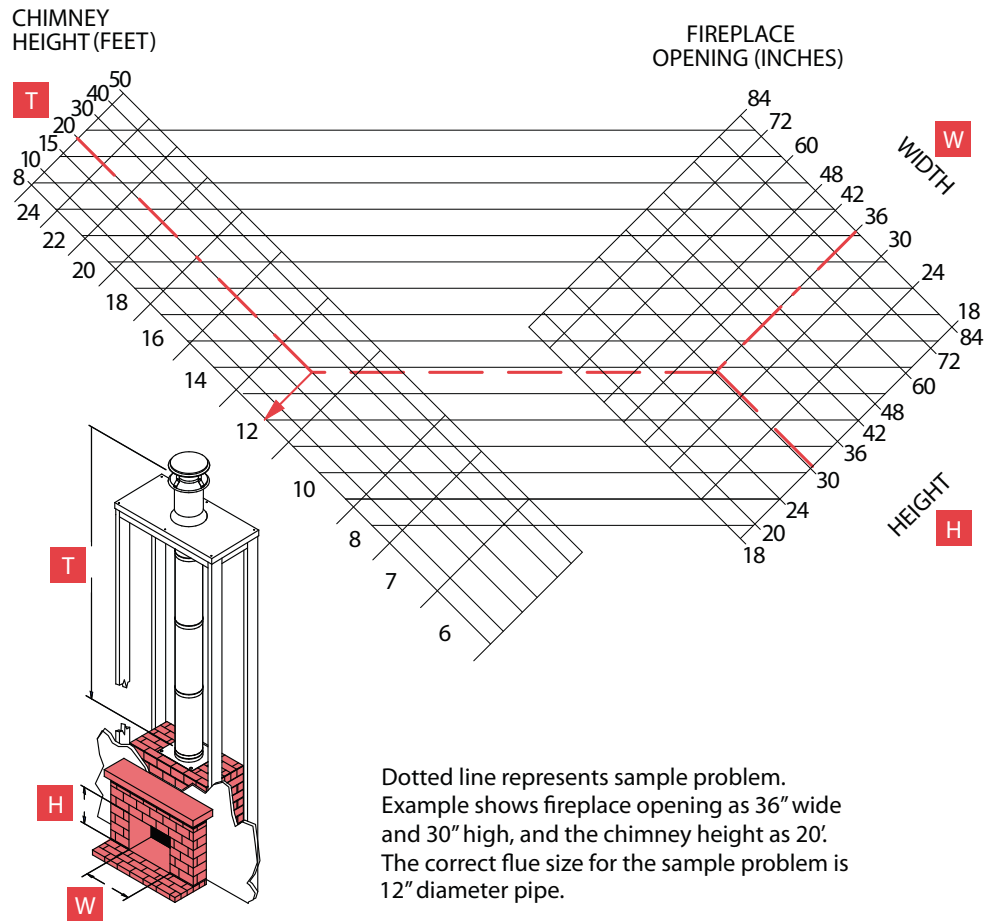
SIZE	6"
STOCK #	9493

### Offset Chart



SIZE		6" DIAMETER		7" DIAMETER		8" DIAMETER	
Elbow Degrees	Chimney Section	Offset Inches	Rise Inches	Offset Inches	Rise Inches	Offset Inches	Rise Inches
15°	0"	1 1/2"	12"	1 3/4"	13 1/2"	1 3/4"	15 1/4"
15°	6"	2 3/4"	18"	3"	19 3/8"	3"	19 1/2"
15°	9"	3 1/2"	21"	3 3/4"	22 1/4"	3 3/4"	22 1/2"
15°	12"	4 3/8"	24"	4 1/2"	25 1/8"	4 1/2"	25 1/2"
15°	24"	7 1/2"	35 1/2"	7 3/4"	36 3/4"	7 1/2"	37"
15°	36"	10 1/2"	47"	10 3/4"	48 1/2"	10 3/4"	48 1/2"
15°	24"+24"	13 1/4"	57 1/4"	13 1/2"	58 1/2"	13 1/2"	58 3/4"
30°	0"	3 3/4"	16"	3 3/4"	14 1/4"	3 3/4"	14 3/4"
30°	6"	6"	20"	6"	20"	6 1/2"	20 3/4"
30°	9"	7 1/2"	22 1/2"	7 1/2"	22 3/4"	8"	23 1/4"
30°	12"	9"	25"	9"	24"	9"	24"
30°	24"	15"	35 1/2"	15"	35 3/4"	15 1/4"	36 1/4"
30°	36"	21"	45 3/4"	21"	46"	21 1/4"	46 3/4"
30°	24"+24"	26 3/8"	54 3/4"	26 1/2"	55"	26 3/4"	55 3/4"

### Chimney Sizing Chart For Fireplace Installations



Dotted line represents sample problem. Example shows fireplace opening as 36" wide and 30" high, and the chimney height as 20'. The correct flue size for the sample problem is 12" diameter pipe.

**DuraPlus HTC®**

**All-fuel, double-wall  
chimney system.**

**ULC S629.**



## Specifications

### Applications

DuraPlus HTC is a double-wall, all-fuel chimney system for both the U.S. and Canada for use with wood stoves; fireplaces; and appliances using wood, oil, gas, or coal.

### Materials and Construction

Thermal Tech II insulation encased between inner and outer walls of .020" 430 stainless steel.

### Clearances

2" clearance to combustibles.

### Diameters

6"-8"

### Listings

OMNI Listed to UL 103HT and ULC S629 (143-P-03-2).



## UL 103 HT and ULC S629 System

### DuraPlus HTC

DuraVent's Thermal Tech II Blanket insulation in DuraPlus HTC is made of light-weight ceramic refractory material. This insulation will not shrink or cause gaps like competitors' products made of mineral wool and other loose-fill insulations. No gaps mean no hot spots to trigger fires to exterior combustibles. Encased between two stainless steel walls, the insulation maintains a barrier that will not shift or settle. The 2" wall keeps the exterior cool, while ensuring high temperatures for optimum draft performance on the inside.

Twist-lock feature allows you to assemble DuraPlus HTC quickly and precisely. No screws or rivets required and no locking bands needed either.

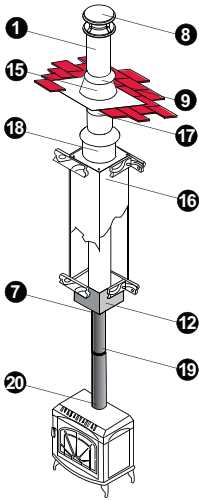
The Adjustable Tee Support Bracket is reversible for installation above or below the tee, while ensuring a 2" clearance to combustibles (adjusts from 2" to 6"). DuraPlus HTC offers 15, 30, and 45 degree elbows and allows double offsets. Chimney pipe comes in lengths from 6 inches up to 4 feet.

Designed for normal, continuous operation at 1200° F (650° C) flue gas temperatures. DuraPlus HTC is subjected to rigorous and stringent requirements of the ULC S629 standard, including one hour at 1700° F (925° C), plus three thirty minute chimney fire tests at 2100° F (1150° C).

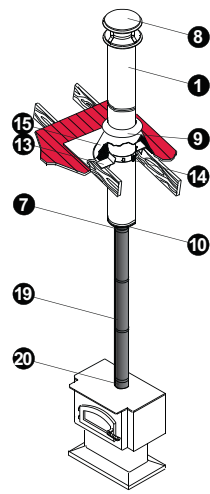
**\*updated information\***



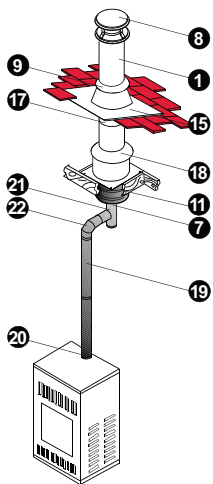
## Typical Installations



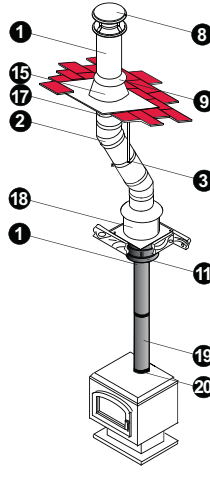
Multi-Story



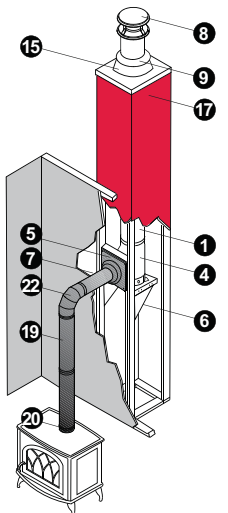
Cathedral Ceiling Roof Support



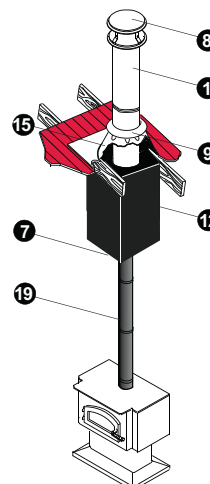
Oil Furnace



Attic Offset



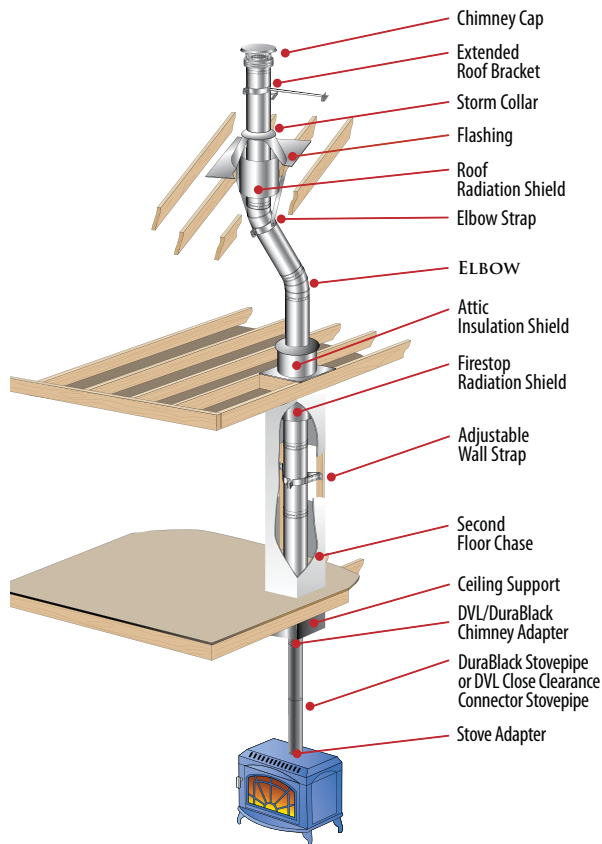
Through-The-Wall



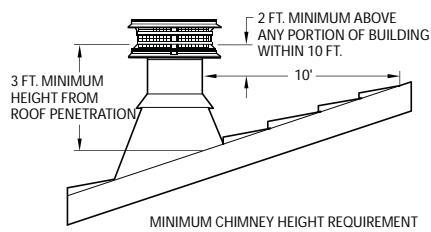
Cathedral Ceiling w/Support Box

Installation Key			
1	DuraPlus HTC Chimney Pipe	12	Square Ceiling Support Box
2	Elbow	13	Roof Support
3	Elbow Strap	14	Roof Support Trim Collar (not shown)
4	Tee	15	Roof Flashing
5	Wall Thimble	16	Firestop Radiation Shield (not shown)
6	Tee Support Bracket	17	Roof Radiation Shield
7	DVL/DuraBlack Chimney Adapter	18	Attic Insulation Shield
8	Chimney Cap	19	DVL or DuraBlack Stovepipe
9	Storm Collar	20	Stovetop Adapter
10	Finishing Collar	21	DVL or DuraBlack Tee
11	Round Ceiling Support	22	DVL or DuraBlack Elbow

- Refer to our Typical Venting Installation drawings to select the appropriate component parts for your installation.
- A DVL/DuraBlack Chimney Adapter must be used when connecting DVL or DuraBlack stovepipe to a Ceiling Support, Wall Thimble or Finishing Collar.
- A Wall Thimble must be installed with an appropriate section of chimney pipe for all horizontal through-the-wall installations. To accommodate thicker walls use a Wall Thimble Extension.
- An Attic Insulation Shield must be used in all installations that pass through an attic, regardless of whether the attic is insulated or not. If chimney is enclosed in a chase in the attic space, an attic insulation shield is not required.
- A Firestop Radiation Shield must be used when a chimney passes through a floor or ceiling without a ceiling support.
- A Roof Radiation Shield is required at the roof deck penetration.



## Planning Your Installation



**Figure 1**

The following recommendations are a general guideline to assist in the layout and selection of the chimney components needed for your installation. Always follow DuraVent Installation instructions before installing your chimney system (enclosed with the cap or support box). Installation instructions can be viewed online at [www.duravent.com](http://www.duravent.com) under catalogs and instructions.

- The diameter of the chimney should match the outlet size of the appliance. An improperly sized chimney results in poor draft and excessive creosote formation.
- Measure the diameter of the appliance flue outlet. Select the chimney and either DVL or DuraBlack connector stovepipe with the same size diameter as the appliance flue outlet. For fireplace installations, refer to the sizing chart in the back of this catalog.
- Determine if the installation is a through-the-roof installation or a through-the-wall installation. A through-the-wall installation will require additional components (Wall Thimble, Tee/Cap, Tee Support, and Wall Straps).
- Install the chimney in the interior of the structure whenever possible. A cold exterior chimney will produce less draft and will generate more creosote.
- If possible avoid offsets that serve to restrict the natural draft. A straight vertical installation is more efficient and less likely to develop creosote. If an offset is required to avoid rafters or other obstructions, measure the horizontal distance required and the vertical height available. 15°, 30° and 45° elbows are available. (Note: 45° elbows are only allowed in Canada. The maximum angle allowed in the U.S. is 30°.) A maximum of two offsets in a single installation are permitted. Refer to the offset table in the back of the section of this catalog. At least one Elbow Strap is required for each offset. Elbow Straps ensure adequate support.
- Determine the minimum chimney height above the roof line. Building codes require a minimum of 3' above the roof penetration and at least 2' higher than any portion of a building within 10'. See figure 1. The termination cap is installed above that point. If chimney is more than 4' above the roof penetration an Extended Roof Bracket is required.
- Measure the roof pitch. For example, a 6/12 pitch has a vertical rise of 6" over a horizontal distance of 12". Select the appropriate flashing.
- Determine the total length of chimney and stovepipe required for the installation. To calculate the installed per length of 6"-8" DuraPlus HTC chimney pipe, subtract 1 1/2" per joint. Subtract 1 1/4" per joint of DuraBlack stovepipe. Subtract 1 1/2" per joint of DVL stovepipe. Minimum chimney height, at sea level of straight vertical chimney, is 10' to 15' above the appliance outlet. Higher elevations, or the use of elbows or a tee, will require approximately 30% to 60% more height to provide for an adequate draft.
- Be fire safe. Maintain at least 2" clearance to combustibles. Follow local building codes and have your chimney inspected by a certified professional.



**DuraPlus HTC Basic Kit**

Kit includes: DVL/DuraBlack Chimney Adapter, 11" Square Ceiling Support Box w/ Trim, Chimney Cap, and Attic Insulation Shield. Pipe not included.

Use for typical through-the-roof installations.

SIZE	6"
STOCK #	C9085

**DuraPlus HTC Through-The-Wall Kit**

Kit includes: DVL/DuraBlack Chimney Adapter, Wall Thimble, Tee with Cap, (2) Adjustable Wall Strap, Tee Support Bracket, and Chimney Cap. Pipe not included.

Use for through-the-wall installations.

SIZE	6"
STOCK #	C9088

## Pipe Selection Chart

Installed Chimney Height	Chimney Sections Used					Installed Chimney Height	Chimney Sections Used				
	6"	12"	24"	36"	48"		6"	12"	24"	36"	48"
6"	1					19'-10 1/2"	1				5
1'		1				20'-4 1/2"		1			5
2'			1			21'-4 1/2"			1		5
3'				1		22'-4 1/2"				1	5
4'					1	23'-4 1/2"					6
4'-4 1/2"	1				1	23'-9"	1				6
5'-10 1/2"		1			1	24'-6"		1			6
5'-10 1/2"			1		1	25'-6"			1		6
6'-10 1/2"				1	1	26'-6"				1	6
7'-10 1/2"					2	27'-6"					7
8'-3"	1				2	27'-7 1/2"	1				7
8'-9"		1			2	28'-1 1/2"		1			7
9'-9"			1		2	29'-1 1/2"			1		7
10'-9"				1	2	30'-1 1/2"				1	7
11'-9"					3	31'-1 1/2"					8
12'-1 1/2"	1				3	31'-6"	1				8
12'-7 1/2"		1			3	32'		1			8
13'-7 1/2"			1		3	33'			1		8
14'-7 1/2"				1	3	34'				1	8
15'-7 1/2"					4	35'					9
16'-1 1/2"	1				4	35'-3"	1				9
16'-7 1/2"		1			4	35'-10 1/2"		1			9
17'-7 1/2"			1		4	36'-10 1/2"			1		9
18'-7 1/2"				1	4	37'-10 1/2"				1	9
19'-6"					5	38'-10 1/2"					10

## Chimney Pipe



Designed for appliances tested and listed for use in the U.S. and Canada with wood stoves, fireplaces, furnaces, boilers, stoves, ranges, water heaters, or other appliances fueled by wood, oil, coal, or gas. To calculate the installed section of DuraPlus HTC chimney pipe, subtract 1 1/2" from each section of chimney pipe. DuraPlus HTC pipe lengths are available with additional protective carton foam for shipping. Available items have stock #'s ending with (CF).

SIZE	6"	7"	8"
A	6"	7"	8"
B	10"	11"	12"
6"	C9006SS	C9106SS	C9206SS
12"	C9014SS	C9114SS	C9214SS
18"	C9012SS	C9112SS	C9212SS
24"	C9021SS	C9121SS	C9221SS
36"	C9017SS	C9117SS	C9217SS
36"	C9017SSCF	-	-
48"	C9013SS	C9113SS	C9213SS
48"	C9013SSCF	-	-

## Elbow Kit

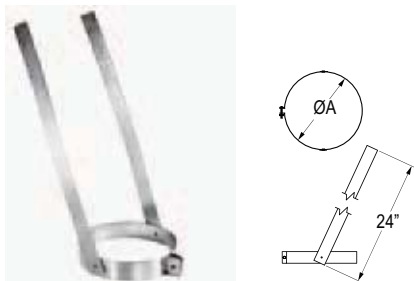


Kit includes: Two Elbows and one Elbow Strap.

Use for offsets around obstructions such as rafters, ridgepoles, or joists. May have two pairs of elbows, if needed. Elbows swivel 360° at base (angles are not adjustable). A pair of elbows is required to return an offset chimney back to vertical. Made of stainless steel. (Note: 45° elbows are only allowed in Canada. The maximum angle allowed in the U.S. is 30°.)

15°	STOCK #	A	B
6"	C9064SSKIT	4"	3 3/4"
7"	C9164SSKIT	4 1/4"	4 1/8"
8"	C9264SSKIT	4 1/4"	4 1/4"
30°	STOCK #	A	B
6"	C9066SSKIT	4 1/2"	4 3/4"
7"	C9166SSKIT	4 5/8"	4 3/4"
8"	C9266SSKIT	5"	4 3/4"
45°	STOCK #	A	B
6"	C9065SSKIT	6"	7 3/4"
7"	C9165SSKIT	6"	7 3/4"
8"	C9265SSKIT	6"	7 3/4"

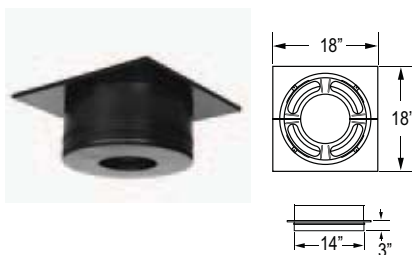
## Elbow Strap



Use to prevent excessive weight on the elbows by supporting the weight of the chimney. Required to be installed between two elbows in offset installations. Multiple elbow straps may be required for offset installations. Refer to installation instructions.

SIZE	6"	7"	8"
A	10"	11"	12"
STOCK #	C9060	C9160	C9260

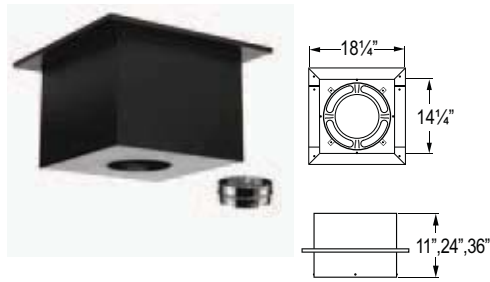
## Round Ceiling Support



Supports chimney pipe and provides a positive connection between support box and chimney with a built-in twist-lock. Supports up to 40' of DuraPlus HTC Chimney. Use adapter to attach DVL or DuraBlack to the support box. Painted black. Trim collar included. (For adapters see DVL/DuraBlack section.)

SIZE	6"	7"	8"
STOCK #	C9045	C9145	C9245

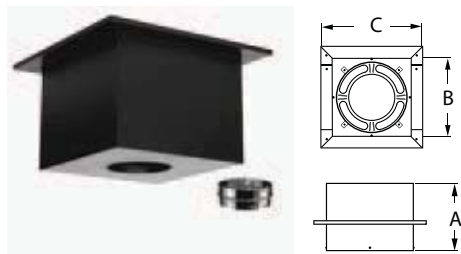
### Square Ceiling Support Box



Use with flat, vaulted, or cathedral ceilings. Square Ceiling Support Box is painted black. Includes square trim and DVL/ DuraBlack Chimney Adapter. Refer to Ceiling Pitch table to determine size of support box needed. Supports up to 40' of DuraPlus HTC Chimney. Starter Section built in.

SIZE	6"	7"	8"
11" SUPPORT BOX	C9048A	C9148A	C9248A
24" SUPPORT BOX	C9048B	C9148B	C9248B
36" SUPPORT BOX	C9048D	C9148D	C9248D
CEILING PITCH			
DURABLACK	DVL	USE	
0/12 - 4/12	0/12 - 6/12	11" Support box	
5/12 - 9/12	7/12 - 13/12	24" Support box	
10/12 - 14/12	14/12 - 20/12	36" Support box	

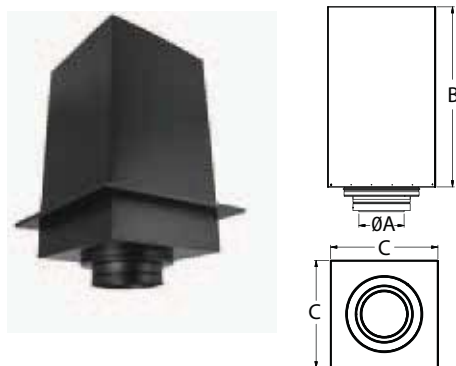
### Reduced Clearance Square Ceiling Support Box



Use with flat, vaulted, or cathedral ceilings. Square Ceiling Support Box is painted black. Includes square trim and DVL/ DuraBlack Chimney Adapter. Refer to Ceiling Pitch table above to determine size of support box needed. Supports up to 40' of DuraPlus HTC Chimney. Starter Section built in. Reduces the usual 2" clearance (per side) down to a 1" clearance (per side) for the 6" diameter only. Smaller width allows installation in partial or reduced-joist spaces.

SIZE	STOCK #	A	B	C
6"	C9036B	24"	12"	16 1/16"
6"	C9036D	36"	12"	16 1/16"

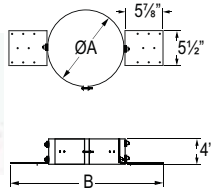
### Combustion Air Square Ceiling Support Box



Use with Combustion Air System components. Delivers outdoor air as combustion air to the appliance. Operates as a direct vent system without requiring a second penetration to the building envelope. Black. Patent-pending.

SIZE	A	B	C	STOCK #
6"	06"	24"	14 5/16"	6CAS-CS24HTC
6"	06"	36"	14 5/16"	6CAS-CS36HTC
8"	08"	24"	14 5/16"	8CAS-CS24HTC
8"	08"	36"	14 5/16"	8CAS-CS36HTC

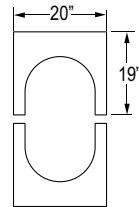
## Roof Support



Designed to support the DuraPlus HTC Chimney and allows the chimney to pass through the roof and extend down from the ceiling. Ideal for cathedral ceilings and free-standing fireplace installations. Supports up to a maximum total chimney length of 30' (up to 20' of chimney below) Roof Support. Adjustable to different roof pitches. Use Finishing Collar and adapter to attach DVL or DuraBlack to the DuraPlus HTC chimney. Trim Collar not included.

SIZE	6"	7"	8"
A	10"	11"	12"
B	22 1/4"	23 1/4"	24 1/4"
STOCK #	C9073	C9173	C9273

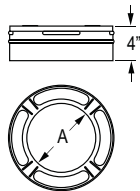
## Trim Collar for Roof Support



Conceals gap between chimney pipe and ceiling cut out when used with Roof Support. Galvalume. Painted black.

SIZE	6"	7"	8"
0/12-12/12 PITCH	C9042	C9142	C9242

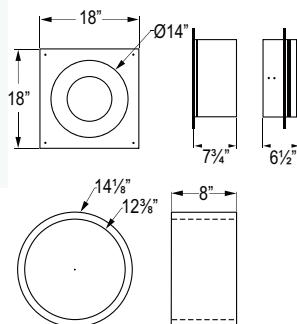
## Finishing Collar



Fits into the female end of the chimney pipe to provide a decorative finish. Use on chimney pipe that is suspended with the roof support system. Provides connection to black DVL or DuraBlack when used with an adapter. (For adapters see DVL/DuraBlack section).

SIZE	6"	7"	8"
A	6"	7"	8"
STOCK #	C9055	C9155	C9255

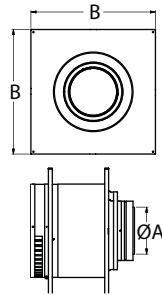
## Wall Thimble



Adjusts from a minimum of 7 3/4" to a maximum of 12 7/8" wall thickness, and fits between standard wall studs. If wall is over 11" thick, an Extension Shield must be used, adding up to an extra 16". Interior trim ring painted black. Must be installed with DuraPlus HTC chimney pipe horizontally within the Wall Thimble. Must extend minimum 2" into the room.

SIZE	6"	7"	8"	WALL THICKNESS	INSTALL PIPE SECTION
STOCK #	C9043	C9143	C9243	Up to 3"	One 6" section
EXTENSION STOCK #	C9043-EXT			3 1/4" - 7 1/2"	Two 6" section
				7 3/4" - 9"	One 12" sections
				9 1/4" - 13 1/2"	One 12" section and one 6" section

### Combustion Air Wall Thimble



Use with Combustion Air System components. Delivers outdoor air as combustion air to the appliance. Operates as a direct vent system without requiring a second penetration to the building envelope. Black. Patent-pending.

SIZE	6"	8"
STOCK #	6CAS-WHTC	8CAS-WHTC

### Tee Kit

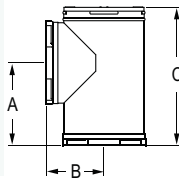


Kit includes: Tee w/Tee Cap, Wall Thimble, Tee Support Bracket, and DVL/DuraBlack Chimney Adapter.

Use for through-the-wall chimney installations. The Tee Cap is removable for easy chimney cleaning or inspection. Tees are also available in open stock.

SIZE	6"	7"	8"
STOCK #	C9067SSKIT	C9167SSKIT	C9267SSKIT

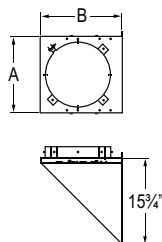
### Tee w/ Cap



Use for through-the-wall chimney installations. The Tee Cap is removable for easy chimney cleaning or inspection. Tees are also available in kits.

SIZE	6"	7"	8"
A	11 1/4"	11 3/4"	12 1/4"
B	7 1/2"	8"	8 1/2"
C	18 1/2"	20"	20 1/2"
STOCK #	C9067SS	C9167SS	C9267SS

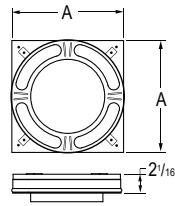
### Tee Support Bracket



Required to support the Tee; suspended from a wall. Supports up to 40' of DuraPlus HTC Chimney. An additional Tee Support Bracket can be used for heights up to 80'. Attaches to pipe above or below tee. Triangular bracket may be inverted. Adjustable base provides 2" - 6" clearance to wall. Tee Support Bracket is included in Tee Kit.

SIZE	6"	7"	8"
A	12"	13"	14"
B	13"	14"	15"
STOCK #	C9072	C9172	C9272

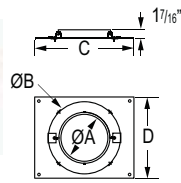
### Base Plate



Use Base Plate to connect DuraPlus HTC directly to a zero-clearance fireplace.

SIZE	6"	7"	8"
A	10"	11"	12"
STOCK #	C9001	C9101	C9201

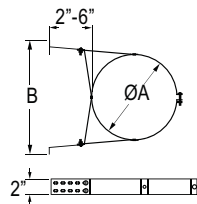
### Transition Anchor Plate



Use Transition Anchor Plate with DuraPlus HTC when extending or converting from DuraLiner to DuraPlus HTC in chimney restoration. Use with DuraLiner Slip Connector and Hanger. (See DuraLiner section.)

SIZE	STOCK #	A	B	C	D
6"	C9040A	6 1/8"	10 3/8"	17"	14"
6"	C9040B	6 1/8"	10 3/8"	17"	17"
6"	C9040D	6 1/8"	10 3/8"	21"	17"
8"	C9240A	8 1/8"	12 3/8"	17"	14"
8"	C9240B	8 1/8"	12 3/8"	17"	17"
8"	C9240D	8 1/8"	12 3/8"	21"	17"

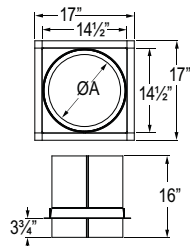
### Adjustable Wall Strap



Use in interior or exterior installations to support and to stabilize the chimney while ensuring a 2" clearance. Wall straps are required every 8' on exterior of building. Adjusts 2"-6" from wall.

SIZE	6"	7"	8"
A	10"	11"	12"
B	16 1/8"	17 1/8"	18 1/8"
STOCK #	C9068	C9168	C9268

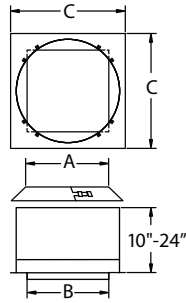
### Firestop Radiation Shield



Use in ceiling/floor penetrations when a ceiling support is not used. Not required when passing through the roof. Fits on underside of ceiling and adjusts to cover framing.

SIZE	6"	7"	8"
A	10 1/4"	11 1/4"	12 1/4"
STOCK #	C9044	C9144	C9244

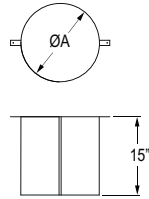
### Attic Insulation Shield



Required in all installations that pass through an attic to prevent insulation and debris from accumulating near the chimney, unless chimney is enclosed in a chase. Consists of three parts: a collar, a base, and an adjustable sleeve. Adjusts from 10"- 24" in height. Fits 6"-8" diameters.

SIZE	6"-8"
A	10", 11", 12"
B	14 1/4"
C	20"
STOCK #	C9946

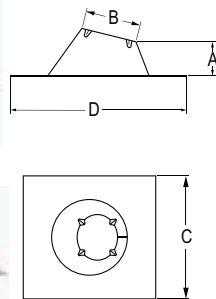
### Roof Radiation Shield



Required where a chimney passes through the roof.

SIZE	6"	7"	8"
A	13"	14"	15"
STOCK #	C9089	C9189	C9289

### Roof Flashing



Use to weather proof the penetration of chimney pipe through the roof. Storm Collar required. Select roof flashing based on pitch of roof. For example, a 6/12 pitch has a vertical rise of 6" over a horizontal distance of 12". Made of galvalume.

SIZE		6"	7"	8"
FLAT ROOF	A	10 3/4"	10 3/4"	11"
	B	10 1/2"	11 3/4"	12 3/4"
	C	26"	29 1/2"	29 1/2"
	D	26"	29 1/2"	29 1/2"
	STOCK #	C9051	C9151	C9251
0/12-6/12 PITCH	A	6"	6"	6"
	B	10 3/4"	11 3/4"	12 3/4"
	C	26"	26"	26"
	D	28"	28"	28"
STOCK #	C9049	C9149	C9249	
7/12-12/12	STOCK #	C9050	C9150	C9250
13/12-18/12	STOCK #	C9081	C9181	C9281
19/12-24/12	STOCK #	C9052	C9152	C9252



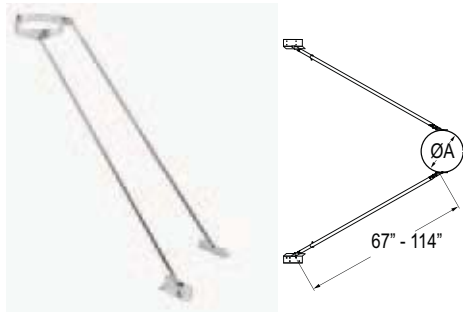
### DSA Roof Flashings **\*updated stock#s\***



Use with metal or tile roofs. Available in sizes 6" and 8" in 0/12-6/12 (shown) and 7/12-12/12 styles. Made of dead soft aluminum. Refer to Roof Flashing table for dimensions.

SIZE	6"	8"
FLAT ROOF	C9051DSA	C9251DSA
0/12-6/12	C9049DSA	C9249DSA
7/12-12/12	C9050DSA	C9250DSA

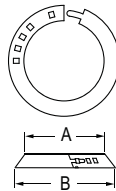
### Extended Roof Bracket



Use to support the chimney when it extends more than 4' above the roof. Provides stability to chimney against wind and snow. Mounting brackets and adjustable tubing included.

SIZE	6"	7"	8"
A	10"	11"	12"
STOCK #	C9062	C9162	C9262

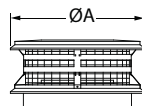
### Storm Collar



Required with DuraPlus HTC flashing to create a weather proof penetration through the roof line. Seal inner edge of the collar to the chimney pipe with non-hardening 500° F high-temperature sealant. Made of aluminum.

SIZE	6"	7"	8"
A	10"	11"	12"
B	13"	14"	15"
STOCK #	C9959		

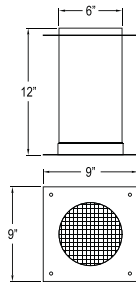
### Chimney Cap



Required where pipe terminates above the roof line. Removable screws allow for cleaning of the chimney and spark arrestor screen. Made of stainless steel.

SIZE	6"	7"	8"
A	11"	15"	15"
STOCK #	C9084	C9184	C9284

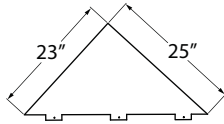
### Chase Air Intake w/ Rodent Guard



Allows required ventilation air into chase. Screen keeps rodents out.

SIZE	6"
STOCK #	1468

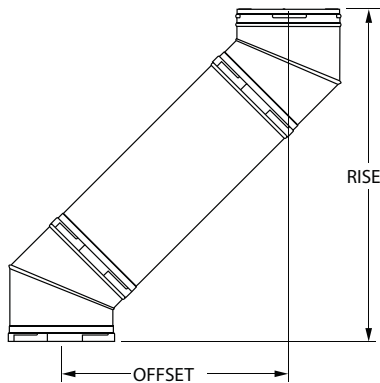
### Snow Splitter



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

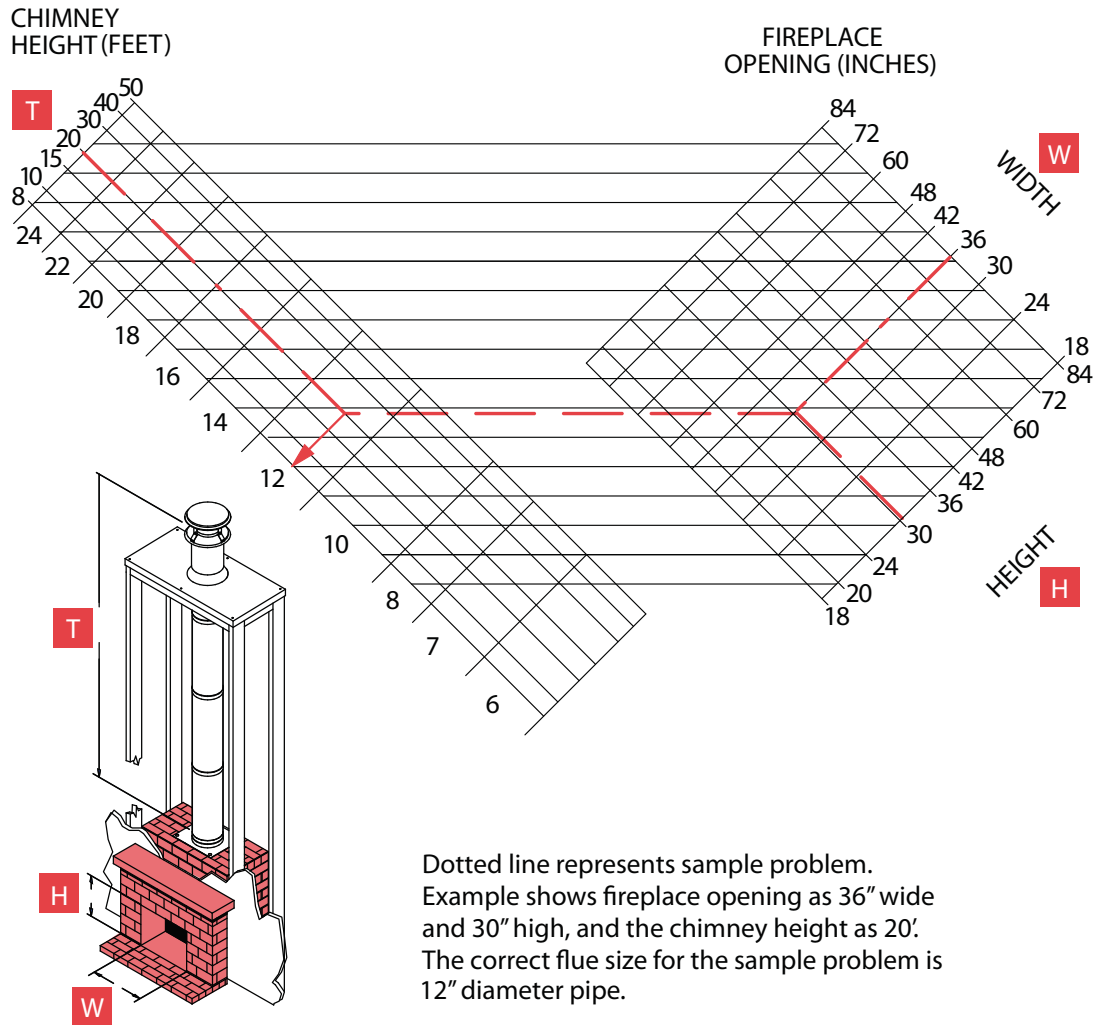
SIZE	6"
STOCK #	9493

### Offset Chart



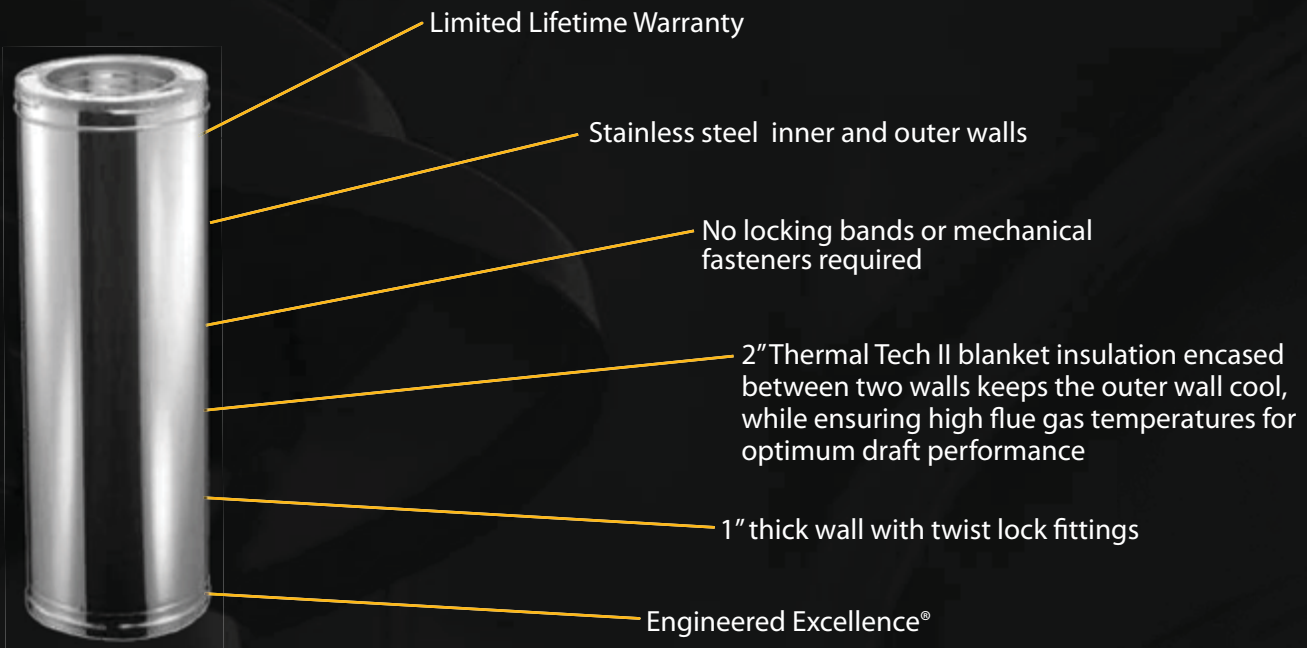
SIZE		6" DIAMETER		7" DIAMETER		8" DIAMETER	
Elbow Degrees	Chimney Section	Offset Inches	Rise Inches	Offset Inches	Rise Inches	Offset Inches	Rise Inches
15°	0"	1 1/2"	12"	1 3/4"	13 1/2"	1 3/4"	13 1/2"
15°	12"	4 1/4"	23 1/2"	4 1/4"	20 1/2"	4 1/4"	23 1/2"
15°	24"	7 1/2"	34"	7 3/4"	35 1/2"	6 3/4"	35 1/2"
15°	36"	10 1/2"	45 1/2"	10 3/4"	46 3/4"	9 1/2"	47"
15°	48"	13 1/4"	55 1/2"	13 1/2"	57"	12"	57 1/4"
30°	0"	3 3/4"	14 1/4"	3 3/4"	14 1/4"	3 3/4"	14 3/4"
30°	12"	9"	24"	9"	24"	9"	24"
30°	24"	15"	33 3/4"	15"	33 1/4"	14 3/4"	34 1/4"
30°	36"	21"	44"	21"	43 1/2"	20 1/2"	44 3/4"
30°	48"	26 1/4"	53"	26"	52 1/2"	25 1/2"	53 3/4"
45°	0"	7 5/8"	19 7/8"	7 5/8"	19 7/8"	7 5/8"	19 7/8"
45°	12"	16"	28 1/4"	16"	28 1/4"	16"	28 1/4"
45°	24"	24 1/2"	36 7/8"	24 1/2"	36 7/8"	24 1/2"	36 7/8"
45°	36"	33"	45 1/4"	33"	45 1/4"	33"	45 1/4"
45°	48"	41 1/2"	53 3/4"	41 1/2"	53 3/4"	41 1/2"	53 3/4"

## Chimney Sizing Chart For Fireplace Installations



# What makes us different from the rest?

DuraPlus HTC: The optimum in safety and performance for an all-fuel chimney built to Canadian Standards.

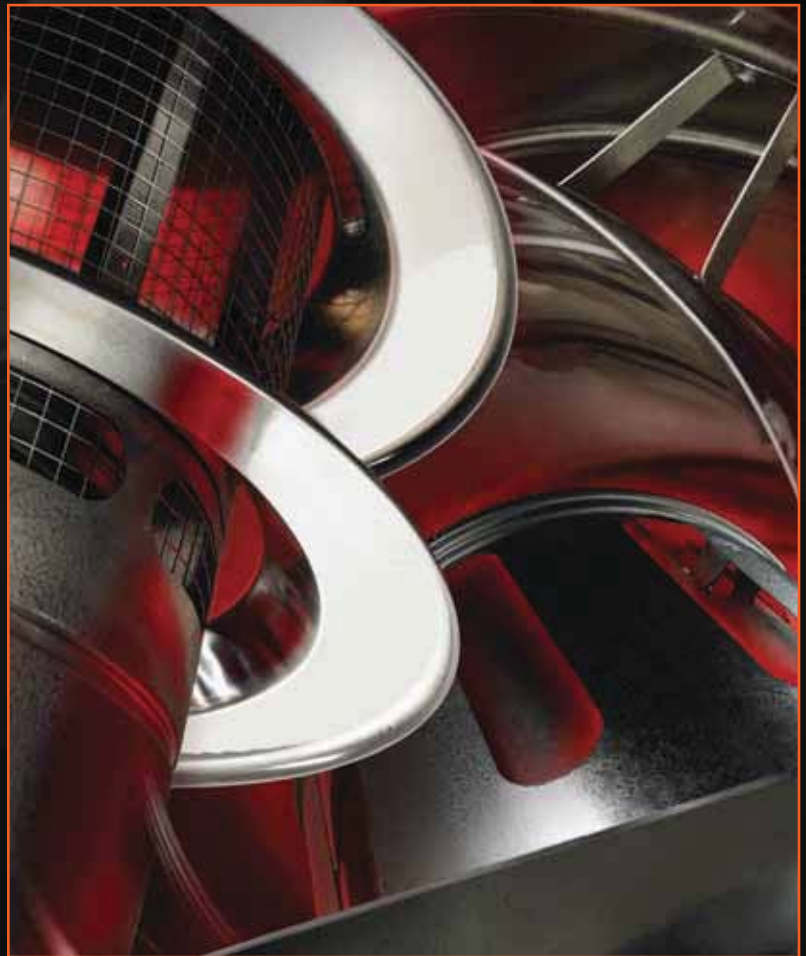


DuraPlus HTC Feature	Benefit	DuraPlus HTC Feature	Benefit	DuraPlus HTC Feature	Benefit
6", 12", 18", 24", 36" and 48" and pipe lengths.	Gives the installer the greatest variety of lengths to reach the desired height with ease and least amount of pipe sections.	DuraPlus HTC offers 3 support box heights. 11", 24" 36" along with flat and round supports.	Gives the installer the most options when dealing with ceiling slopes. Creating the most aesthetically pleasing installation possible.	Reduced Clearance Support Box	Allows 2" insulated chimneys to be installed between less than 16" on center framing.
Twist Lock End Rings	Allows the installer to safely and easily connect and disconnect chimney sections without mechanical fasteners. Encases insulation to prevent exposure to outside elements. No locking bands required.	Dura-Vent offers 3 easy options to attachment Connector Pipe to Chimney System with the DVL/DB adapter, the DB slip connector or the snap lock adapter.	Allows the installer to connect either DVL, DuraBlack or snap lock stovepipe to the support box or finishing collar for an easy and quick installation. Adapter snaps into support box and allows for easy disconnection and switching of connector pipe without disconnecting chimney.	Elongated Base Tee Tail Piece	Provides additional reservoir for soot and creosote.
430 Stainless Steel Inner Wall	Corrosion resistant stainless steel with the smallest amount of expansion when exposed to heat. Prevents hot spots from appearing which could cause a fire.	15, 30 and 45 Degree Elbows	Provides greater installation flexibility.	Insulated Tee Plug	Reduces condensation and improves efficiency.
.020" thick Stainless Steel Inner Wall	Thickest inner wall construction in the industry providing the best protection from creosote fires.	Limited Lifetime Warranty	The best Warranty in the industry 15 years 100%, 15 years and up 50% Gives the installer and home owner the greatest peace of mind in a quality installation..	Reduced Wall Thimble Projection	2" projections reduces floor space required for stove installation.
.020" 430 Stainless Steel Outer Wall	Heaviest gauge of any manufacturer resists damage.	Adjustable Tee and Wall Support Brackets	Guarantees the proper clearance to combustibles while allowing the installer to work around changing exterior wall surfaces avoiding any field fabrication or code violation.	2" Clearance to combustibles required from chimney pipe.	Eliminates additional shielding and labor costs.
2" Thermal Tech II Insulation Blanket	Insures complete insulation coverage between inner and outer walls, preventing any hot spots from appearing due to expansion of the metal walls during operation. Hot spots could cause a fire.	Universal Attic Insulation Shield	One SKU for 6", 7" and 8" diameters.	Not Available in Box Stores	Exclusive to hearth distributors and dealers.
Factory Installed Starter Section in the Support Box	Allows the installer a safe, quick and easy connection of chimney to the support box.	Premium Cap with Removable Top Plate and Spark Arrestor.	Allows for easy cleaning of chimney without having to disconnect and remove the cap. Saving time and money in cleaning.	DuraPro Dealer Program	Offers free of charge marketing products and priority technical assistance.
				Fully Cartonized Parts and Pieces	Offers added protection of product for shipping, warehouse storage and on site storage.

## **DuraChimney® II**

**Air-cooled chimney system for  
masonry fireplaces.**

**UL 103.**



## Specifications

### Applications

DuraChimney II is a double-wall, air-cooled chimney system for use with masonry fireplaces which burn wood, oil, coal, or gas.

### Materials and Construction

.016" 430 stainless steel inner wall and .021" galvanized steel outer wall. For stainless steel outer wall, contact Customer Service.

Unitized pipe sections. No field assembly of inners and outers required.

### Clearances

2" clearance to combustibles.

### Shrouds

UL Listed with DuraVent shroud specifications. Information available online at [www.duravent.com](http://www.duravent.com) or call and request L181.

### Diameters

10", 12", 14", and 16".

### Listings

UL Listed to UL 103 and ULC S604 standards (MH7399).



## UL 103 and ULC S604 System

### DuraChimney II

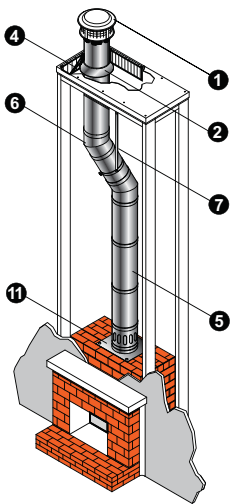
DuraChimney II is an exceptional factory-built alternative to pre-fabricated masonry chimneys. DuraChimney II is a unitized, lightweight design which eliminates the need for field assembly of pipe sections, allowing for faster installation.

DuraChimney II is designed to stay cool on the outside, to provide a hot draft on the inside and to provide a fire-safe design that protects both the chimney and the building.

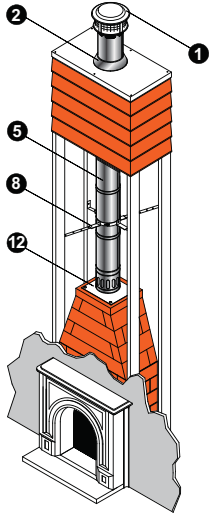
The double-wall, air-cooled design allows the chimney to expand both radially and lengthwise under high temperatures.



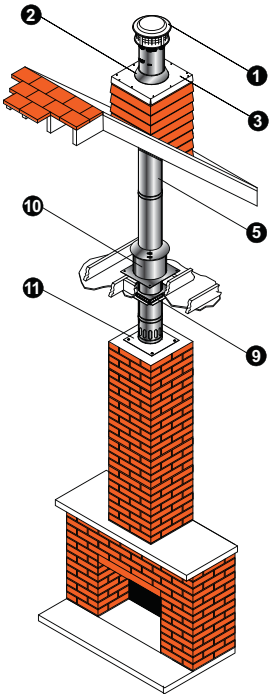
### Typical Installations



Masonry Firebox with Metal Chimney Extension



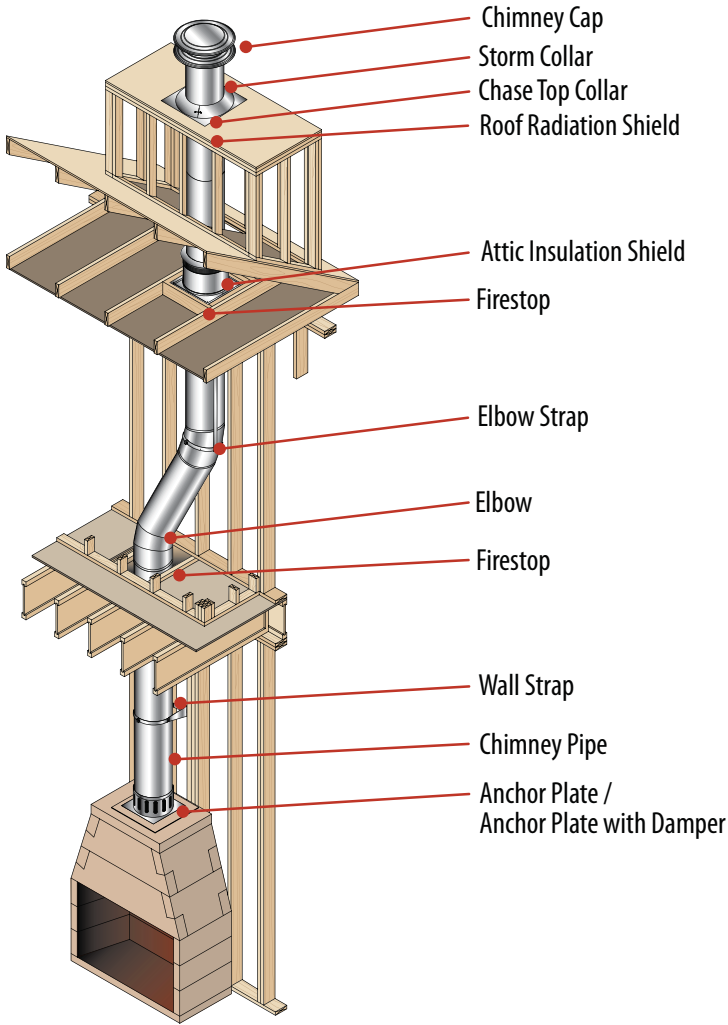
Prefabricated Masonry Fireplace Kit with Metal Chimney



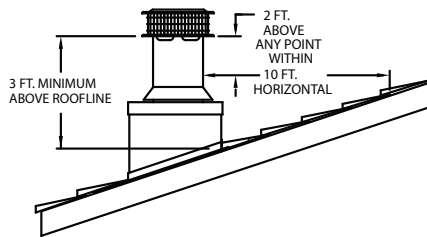
2nd Story Masonry Fireplace Chimney Extension

Installation Key			
1	Chimney Cap	8	Stabilizer
2	Storm Collar	9	Firestop
3	Chase Top Flashing	10	Attic Insulation Shield
4	Roof Radiation Shield	11	Anchor Plate
5	Chimney Section	12	Anchor Plate with Damper
6	Elbow	13	Supplementary Support
7	Elbow Strap	14	Wall Strap

Refer to our Typical Installation drawings to select the appropriate component parts for your installation.



## Planning Your Installation



**Figure 1**

The following recommendations are a general guideline to assist in the layout and selection of the chimney components needed for your installation. Always follow DuraVent Installation instructions enclosed with the cap or support box before installing your chimney system. Installation instructions can be viewed online at [www.duravent.com](http://www.duravent.com), under catalogs and instructions.

- Measure the diameter of the fireplace flue outlet. An improperly sized chimney results in poor draft and excessive creosote formation.
- Select the chimney with the same size diameter as the fireplace flue outlet. Refer to the chimney sizing chart in the back of this catalog for masonry fireplaces.
- Install the chimney in an enclosed chase.
- If possible, avoid offsets. A straight vertical installation is more efficient and less likely to develop creosote. If an offset is required to avoid rafters or other obstructions, measure the horizontal distance required and the vertical height available. Both 15° and 30° elbows are available. Elbows greater than 30° are not allowed in the United States. Two offset (four elbows) in a single installation is permitted. Refer to the offset chart in the back section of this catalog. At least one Elbow Strap is required. Elbow Straps ensure adequate support.
- Determine the minimum chimney height above the roof line. Building codes require a minimum of 3' above the roof penetration and at least 2' higher than any portion of a building within 10'. See figure 1. The termination cap is installed above that point.
- Chase Top Flashing is available. A pitched roof flashing can be locally made, if required. A storm collar is required for all installations using a flashing.
- Determine the total length of chimney required for the installation. To calculate the installed per length of 10"-16" DuraChimney II pipe, subtract 1" per joint. Minimum recommended chimney height, at sea level of straight vertical chimney, is 10' to 15' above the fireplace outlet. Higher elevations, or the use of elbows, will require approximately 30% to 60% more height to provide for an adequate draft.
- For a UL approved shroud, see the DuraChimney II Shrouds Installation Instructions (L181). View online at [www.duravent.com](http://www.duravent.com), under catalogs and instructions.
- Be fire safe. Maintain at least 2" clearance to combustibles. Follow local building codes and have your chimney inspected by a certified professional.



## Chimney Pipe



DuraChimney II pipe is available in 12", 18", 36", and 48" lengths. To calculate the installed length of DuraChimney II pipe, subtract 1" from each length of chimney pipe.

For stainless steel outer wall, call Customer Service. DuraChimney II is built to order and is not returnable.

SIZE	STOCK #	A	B
10"	10DCA-12	12"	13"
10"	10DCA-18	18"	13"
10"	10DCA-36	36"	13"
10"	10DCA-48	48"	13"
12"	12DCA-12	12"	15"
12"	12DCA-18	18"	15"
12"	12DCA-36	36"	15"
12"	12DCA-48	48"	15"
14"	14DCA-12	12"	17"
14"	14DCA-18	18"	17"
14"	14DCA-36	36"	17"
14"	14DCA-48	48"	17"
16"	16DCA-12	12"	19"
16"	16DCA-18	18"	19"
16"	16DCA-36	36"	19"
16"	16DCA-48	48"	19"

## 15° Elbow



Use elbows to offset obstructions such as rafters, ridgepoles, or joists. 10"-16" DuraChimney II may have two pair of elbows, if needed. Offsets greater than 30° are not allowed. Elbows are not adjustable.

SIZE	STOCK #	A
10"	10DCA-E15	13"
12"	12DCA-E15	15"
14"	14DCA-E15	17"
16"	16DCA-E15	19"

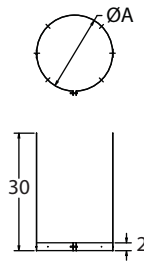
## 30° Elbow



Use elbows to offset obstructions such as rafters, ridgepoles, or joists. 10"-16" DuraChimney II may have two pair of elbows, if needed. Offsets greater than 30° are not allowed. Elbows are not adjustable.

SIZE	STOCK #	A
10"	10DCA-E30	13"
12"	12DCA-E30	15"
14"	14DCA-E30	17"
16"	16DCA-E30	19"

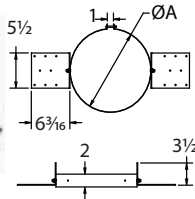
### Elbow Strap



Use between two elbows to support the weight of the chimney.

SIZE	STOCK #	A
10"	10DCA-ES	13 3/8"
12"	12DCA-ES	15 3/8"
14"	14DCA-ES	17 3/8"
16"	16DCA-ES	19 3/8"

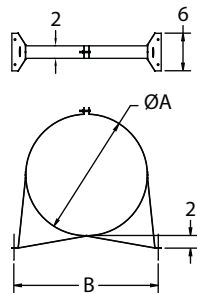
### Supplementary Support



Use to help support weight of DuraChimney II. Supports a maximum of 25' of chimney. Use additional Supplementary Supports as needed.

SIZE	STOCK #	A
10"	10DCA-SS	13 3/8"
12"	12DCA-SS	15 3/8"
14"	14DCA-SS	17 3/8"
16"	16DCA-SS	19 3/8"

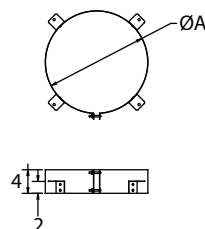
### Wall Strap



Use to support and to stabilize the chimney in interior or exterior installations to ensure a 2" clearance. Wall Straps are required every 8' on exterior of building only.

SIZE	STOCK #	A	B
10"	10DCA-WS	13 3/8"	15 1/16"
12"	12DCA-WS	15 3/8"	18 1/8"
14"	14DCA-WS	17 3/8"	20 3/8"
16"	16DCA-WS	19 3/8"	22 1/16"

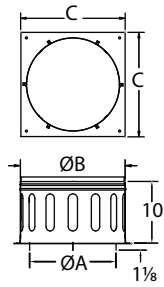
### Stabilizer



Use to hold DuraChimney II in place. Use inside chase enclosures to stabilize chimney installation. Refer to fireplace manufacturer for additional requirements on use of Stabilizer.

SIZE	STOCK #	A
10"	10DCA-ST	13 3/8"
12"	12DCA-ST	15 3/8"
14"	14DCA-ST	17 3/8"
16"	16DCA-ST	19 3/8"

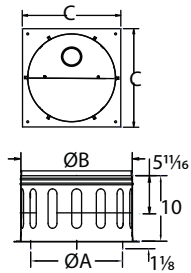
### Anchor Plate



Use as a starter section for DuraChimney II. Bolts directly to fireplace outlet.

SIZE	STOCK #	A	B	C
10"	10DCA-AP	10"	13"	15"
12"	12DCA-AP	12"	15"	17"
14"	14DCA-AP	14"	17"	19"
16"	16DCA-AP	16"	19"	21"

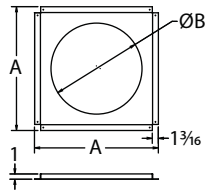
### Anchor Plate w/Damper



Use as a starter section for DuraChimney II. Bolts directly to fireplace outlet. Damper section allows chimney to be closed when fireplace is not in use. Includes chain and lintel hook.

SIZE	STOCK #	A	B	C
10"	10DCA-APD	10"	13"	15"
12"	12DCA-APD	12"	15"	17"
14"	14DCA-APD	14"	17"	19"
16"	16DCA-APD	16"	19"	21"

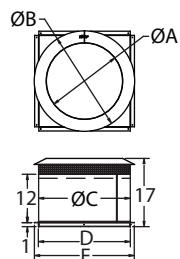
### Firestop



Use in ceiling/floor penetrations above fireplace. Firestop is not required when passing through the roof. Fits on underside of ceiling.

SIZE	STOCK #	A	B
10"	10DCA-FS	19 3/8"	13 3/8"
12"	12DCA-FS	21 3/8"	15 3/8"
14"	14DCA-FS	23 3/8"	17 3/8"
16"	16DCA-FS	25 3/8"	19 3/8"

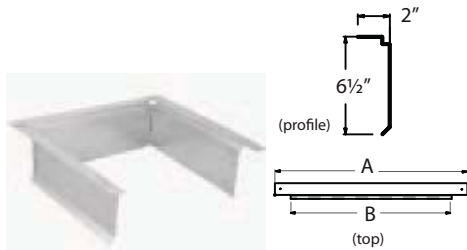
### Attic Insulation Shield



Use in all installations that pass through an attic to prevent insulation and debris from accumulating near the chimney, unless chimney is enclosed through attic. Consists of two parts – collar and base.

SIZE	STOCK #	A	B	C	D	E
10"	10DCA-IS	13"	17"	16 13/16"	16 7/8"	18 13/16"
12"	12DCA-IS	15"	19"	18 13/16"	18 7/8"	20 13/16"
14"	14DCA-IS	17"	21"	20 13/16"	20 7/8"	22 13/16"
16"	16DCA-IS	19"	29"	22 13/16"	22 7/8"	24 13/16"

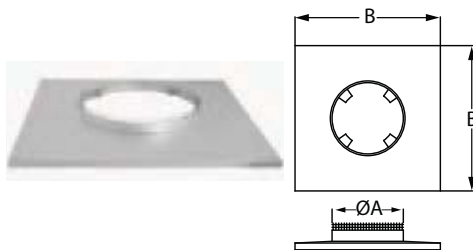
### Roof Radiation Shield



Required at top of chase enclosure or where chimney passes through the roof. Roof Radiation Shield is not required if chimney is unenclosed in the attic. Four plates (included) make up one shield. Three of the four plates shown.

SIZE	STOCK #	A
10"	10DCA-RRS	20"
12"	12DCA-RRS	22"
14"	14DCA-RRS	24"
16"	16DCA-RRS	26"

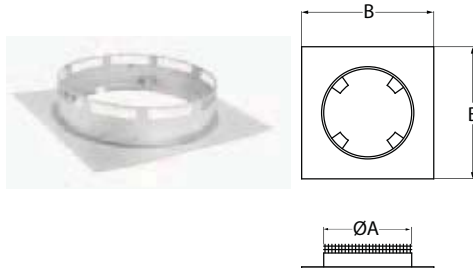
### Chase Top Flashing



Encloses the top of a chase while providing a ventilation air passage to the chase. Includes spacer clips.

SIZE	STOCK #	A	B
10"	10DCA-CTF	16"	34"
12"	12DCA-CTF	18"	36"
14"	14DCA-CTF	20"	38"
16"	16DCA-CTF	22"	40"

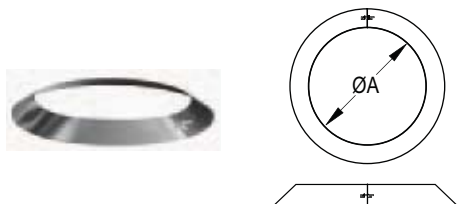
### Chase Top Collar



Use to construct custom sized chase tops. Provides necessary ventilation and spacing to maintain UL listing for chimney system.

SIZE	STOCK #	A	B
10"	10DCA-CTC	16"	20"
12"	12DCA-CTC	18"	22"
14"	14DCA-CTC	20"	24"
16"	16DCA-CTC	22"	26"

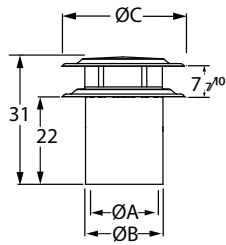
### Storm Collar



Use to help prevent rain from entering chase. Use with a flashing and Chimney Cap.

SIZE	STOCK #	A
10"	10DCA-SC	13"
12"	12DCA-SC	15"
14"	14DCA-SC	17"
16"	16DCA-SC	19"

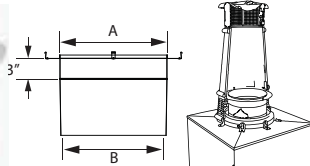
### Chimney Cap



Use to terminate chimney system. Required on all installations. Slides over previous section of DuraChimney II pipe to allow for chimney height adjustment. Includes Spark Arrestor.

SIZE	STOCK #	A	B	C
10"	10DCA-VC	10"	13"	24"
12"	12DCA-VC	12"	15"	24"
14"	14DCA-VC	14"	17"	26"
16"	16DCA-VC	16"	19"	26"

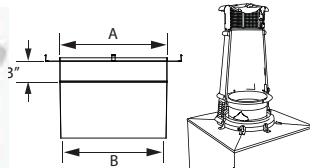
### European Copper Adapter - King Model



Use for installing the European Copper Chimney Pots King model shroud/pot onto DuraChimney II chimney.

SIZE	STOCK #	A	B
10"	10DCA-ECK	10"	9 1/2"
12"	12DCA-ECK	12"	11 1/2"
14"	14DCA-ECK	14"	13 1/2"

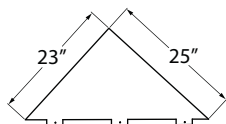
### European Copper Adapter - Bishop Model



Use for installing the European Copper Chimney Pots Bishop model shroud/pot onto DuraChimney II chimney. King model shown.

SIZE	STOCK #	A	B
10"	10DCA-ECB	10"	9 1/2"
12"	12DCA-ECB	12"	11 1/2"
14"	14DCA-ECB	14"	13 1/2"
16"	16DCA-ECB	16"	15 1/2"

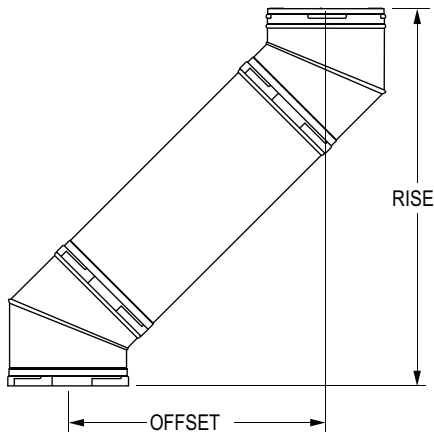
### Snow Splitter



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

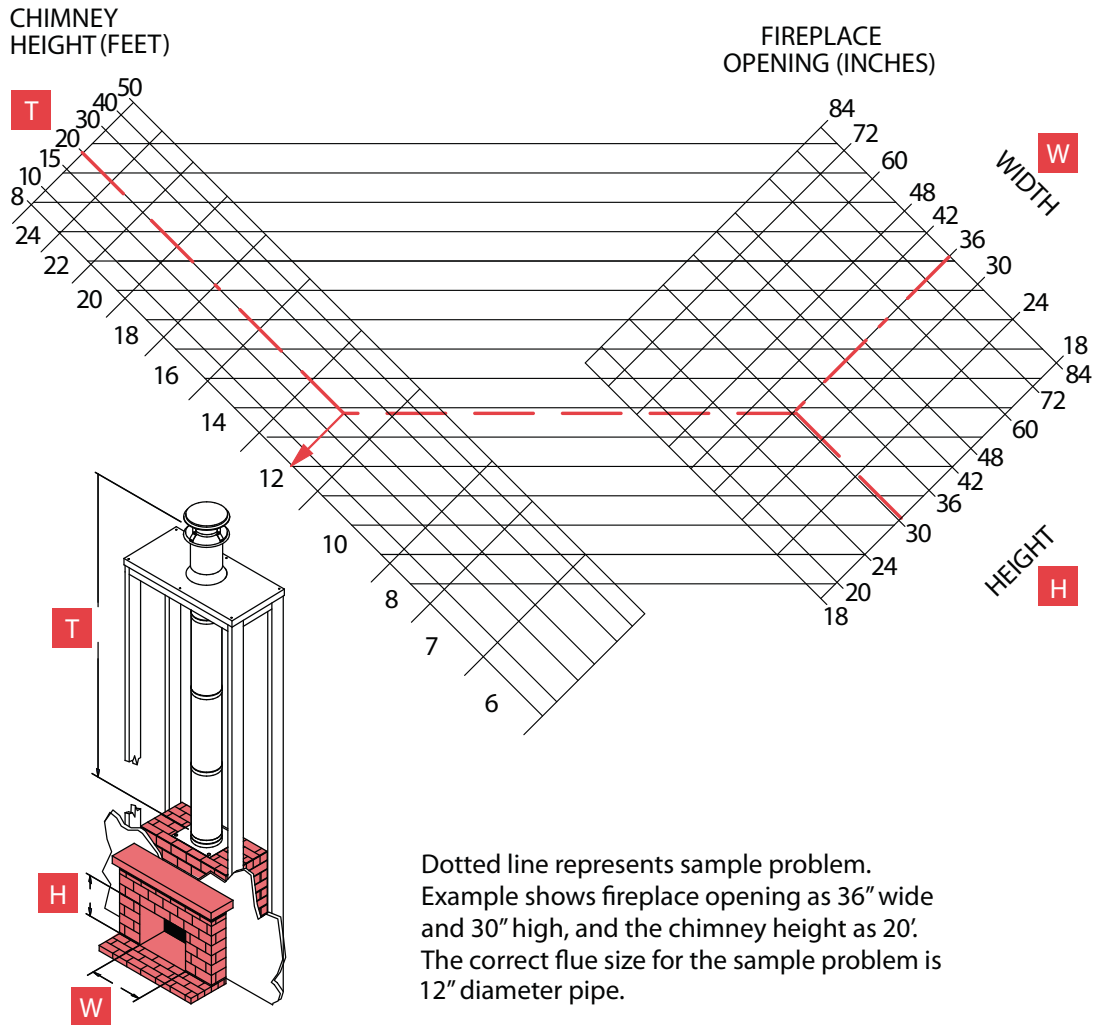
SIZE	6"
STOCK #	9493

### Elbow Offset Chart



Elbow Angle From Vertical	Chimney Length Between Elbows	Size 10" I.D.		Size 12" I.D.		Size 14" I.D.		Size 16" I.D.	
		Offset Inches	Rise Inches	Offset Inches	Rise Inches	Offset Inches	Rise Inches	Offset Inches	Rise Inches
15°	0"	2 1/16"	20 5/8"	2 5/8"	21 5/8"	2 5/8"	21 5/8"	2 3/4"	21 1/8"
15°	12"	5 3/8"	31 1/4"	5 1/2"	31 3/4"	5 1/2"	32 1/4"	5 5/8"	32 3/4"
15°	18"	7"	37"	7"	37 1/2"	7 1/8"	38"	7 1/8"	36 1/2"
15°	36"	11 5/8"	54 1/2"	11 5/8"	55"	11 3/4"	55 3/8"	11 3/4"	55 7/8"
15°	48"	14 3/4"	66"	14 3/4"	66 1/2"	14 7/8"	67"	14 7/8"	67 1/2"
30°	0"	5 3/4"	22 3/8"	6"	22 3/8"	6 1/4"	24 1/2"	6 5/8"	25 1/2"
30°	12"	11 1/4"	32"	11 1/2"	33"	11 3/4"	34"	12"	35 1/2"
30°	18"	14 1/4"	37 1/8"	14 1/2"	38 1/8"	14 3/4"	39 1/4"	15"	40 5/8"
30°	36"	23 1/4"	52 3/4"	23 1/2"	53 3/4"	23 3/4"	54 7/8"	24"	56 1/4"
30°	48"	29 1/4"	63 1/8"	29 1/2"	64 1/8"	29 3/4"	65 1/4"	30"	66 5/8"

### Chimney Sizing Chart For Fireplace Installations



Dotted line represents sample problem. Example shows fireplace opening as 36" wide and 30" high, and the chimney height as 20'. The correct flue size for the sample problem is 12" diameter pipe.

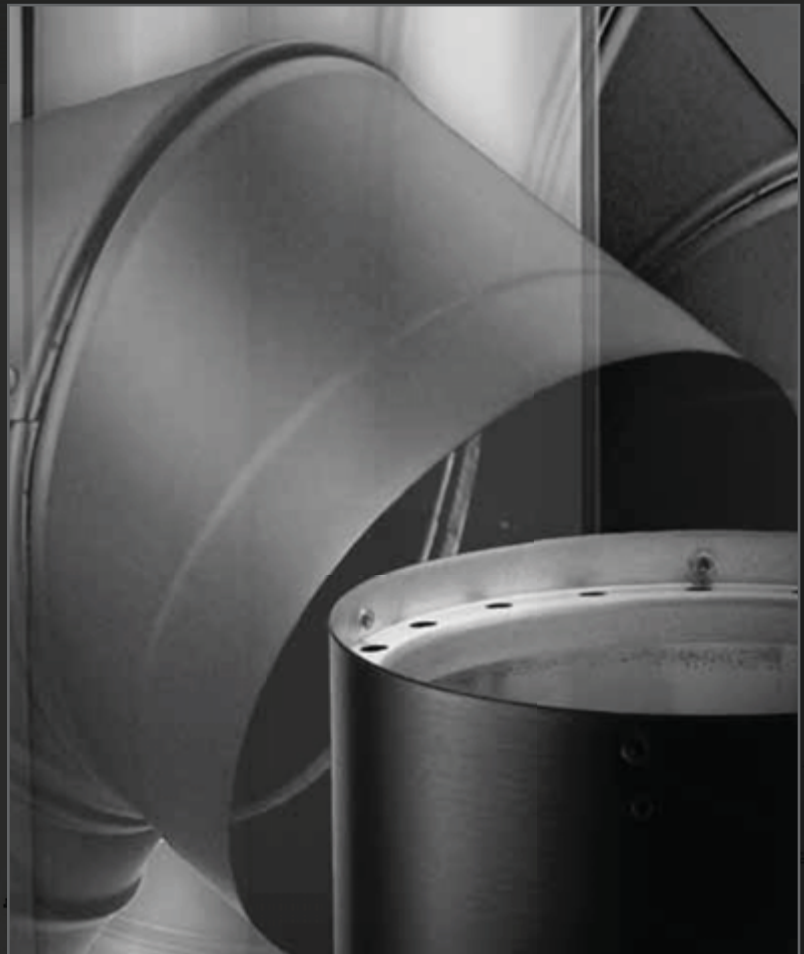
**DVL®**

**Double-wall interior  
stovepipe for connecting  
woodstoves to chimney.**

**ULC S641.**

**DuraBlack®**

**Single-wall interior  
stovepipe for connecting  
woodstoves to chimney.**



## Specifications

### DVL

#### Applications

Double-wall interior stovepipe for connecting wood stoves to manufactured chimney.

#### Materials and Construction

.016" stainless steel inner wall.  
.018" galvanized outer, painted black.

#### Clearances

6" clearance to walls. 8" clearance to ceilings, including cathedral ceilings.

#### Diameters

6"-8"

#### Listings

c-UL-us listed to ULC S641 (MH14089).



### DuraBlack

#### Applications

Single-wall interior stovepipe for connecting wood stoves to manufactured chimney.

#### Materials and Construction

24-gauge steel construction.  
Lock-seamed. Painted black.

#### Diameters

6"-10"

## Stovepipe Systems

DVL double-wall or DuraBlack single-wall stovepipe completes the venting system when used with one of DuraVent's chimney products, such as DuraTech, DuraPlus, or DuraPlus HTC.

### DVL

DVL's double-wall, air-insulated design reduces clearances to combustibles from 18" to 6", the closest clearance to a wall of any connector pipe. DVL improves stove performance by maintaining high flue gas temperatures for a strong, steady draft. Because the inner wall is stainless steel the flue heats up faster, stays hot longer, minimizes the formation of creosote, and has the same life expectancy as the chimney. Adjustable lengths eliminate the need for cutting or crimping.

Required for Manufactured Home installations. See appliance manufacturer's installation instructions.

### DuraBlack

For an economical, drip free, single-wall stovepipe, DuraBlack is an excellent choice. Built to DuraVent's high standards, DuraBlack is constructed with die-formed end fittings. Adjustable lengths eliminate the need for cutting and crimping.





## DVL® - Double-Wall Stovepipe

### DVL Close Clearance Connector Kit

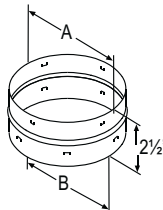


Kit includes: DVL/DuraBlack Adapter, (2) 24" DVL Double-Wall Black Pipe, 12" DVL double-wall Adjustable Black Pipe.

Use kit to connect between appliance and chimney for a typical 8' through-the-ceiling installation.

SIZE	6"
STOCK #	8693

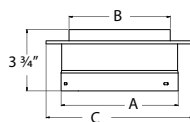
### DVL/DuraBlack Chimney Adapter



Use to connect from double-wall DVL and/or single-wall DuraBlack to DuraTech, DuraPlus, DuraPlus HTC, and DuraLiner for a through-the-wall or ceiling support installation. Required for proper connection. Made of stainless steel.

SIZE	6"	7"	8"
A	6 1/8"	7 1/8"	8 1/8"
B	6"	7"	8"
STOCK #	8674	8774	8874

### Chimney Adapter w/Trim **\*updated drawing & description\***



Use to connect from double-wall DVL to DuraTech, DuraPlus, DuraPlus HTC, and DuraLiner for a through-the-wall or ceiling support installation. Required for proper connection. Provides a strong mechanical connection. Painted black. Adapter will work with all 6"-8" DuraPlus, 6"-8" DuraPlus HTC, and 7"-8" DuraTech installations. Adapter will work with 5"-6" DuraTech Ceiling Support Box installations only.

SIZE	6"	7"	8"
A	7 1/8"	8 1/8"	9 1/8"
B	6 1/4"	7 1/4"	8 1/4"
C	9"	11"	11"
STOCK #	8675	8775	8875

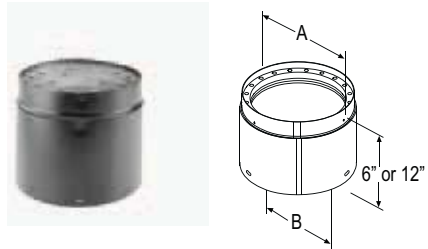
### DVL Double-Wall Black Pipe



Designed for installation with minimum clearance to combustibles (6" to walls, 8" from top of horizontal run to ceiling). Available in 6", 7", and 8" diameters. Subtract 3/4" for installed length. Constructed with a stainless steel inner wall.

SIZE	6"	7"	8"
A	7"	8"	9"
B	6"	7"	8"
C	7 1/8"	8 1/8"	9 1/8"
D	6", 12", 18", 24", & 36"		
6" LENGTH	8606	8706	8806
12" LENGTH	8612	8712	8812
18" LENGTH	8618	8718	8818
24" LENGTH	8624	8724	8824
48" LENGTH	8648	8748	8848

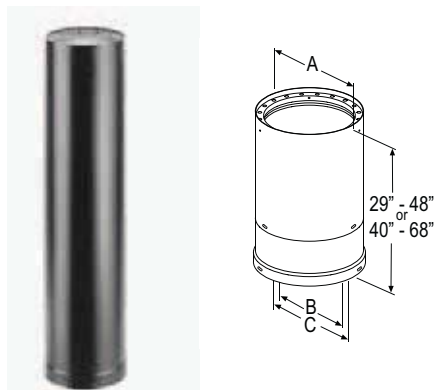
### DVL Double-Wall Adjustable Black Pipe



Use to add length to DVL pipe. 6" pipe adds 2"-5" of length, 12" pipe adds 2"-11" of length, when used with rigid sections of pipe. 12" section can be ovalized for oval-to-round appliance connector.

SIZE	6"	7"	8"
A	7"	8"	9"
B	6"	7"	8"
6" STOCK #	8685	8785	8885
12" STOCK #	8687	8787	8887

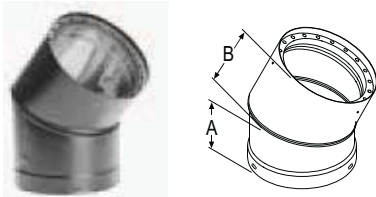
### DVL Telescoping Length



Use for a two-piece installation from stove to ceiling support box or finishing collar. Available in 29"- 46" and 40"- 68" extensions. No cutting required.

SIZE	6"	7"	8"
A	7"	8"	9"
B	6"	7"	8"
C	7 1/8"	8 1/8"	9 1/8"
29" - 48"	8646	8746	8846
40" - 68"	8647	8747	8847

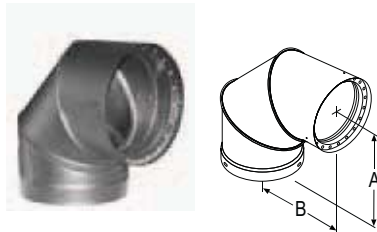
DVL Double-Wall Black  
45° Elbow **\*updated part\***



Offsets obstructions as needed. Elbows angles are now adjustable.

SIZE	6"	7"	8"
A	3 1/2"	4 1/2"	5 1/2"
B	4 1/4"	5 3/8"	5 3/8"
STOCK #	8645	8745	8845

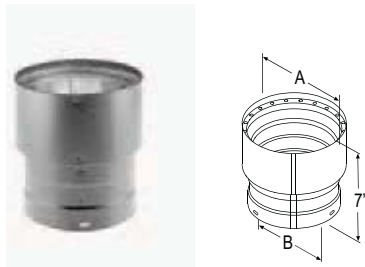
DVL Double-Wall Black  
90° Elbow **\*updated part\***



Offsets obstructions as needed. Elbows angles are now adjustable. Not recommended for rear exit appliances.

SIZE	6"	7"	8"
A	6"	7"	7 1/2"
B	5 3/4"	6 3/4"	7 1/4"
STOCK #	8690	8790	8890

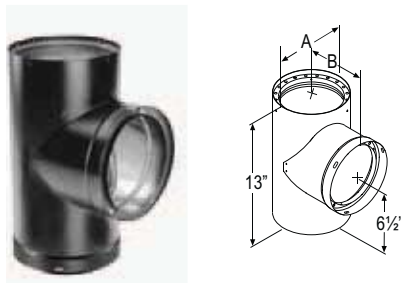
DVL In increaser



Use to increase from a smaller appliance flue outlet to larger diameter chimney or stovepipe.

SIZE	5" - 6"	6" - 7"	7" - 8"	6" - 8"
A	6"	7"	8"	8"
B	5 1/8"	6"	7"	6"
STOCK #	8667	8767	8867	8860

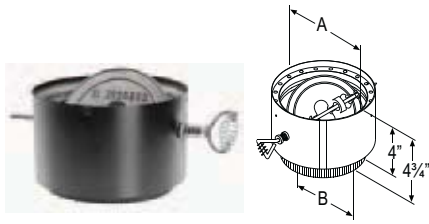
DVL Double-Wall Black Tee  
w/ Clean-out Cap



Use with rear exit appliances and appliances that require a barometric damper.

SIZE	6"	7"	8"
A	7"	8"	9"
B	6"	7"	8"
STOCK #	8655	8755	8855

### DVL Adapter/Damper Section



Connects DVL pipe to the appliance flue outlet. Use as a stove adapter. The damper is optional. Stock # with (W/O) has no damper.

SIZE	6"	7"	8"
A	7"	8"	9"
B	5 5/8"	6 1/2"	7 1/2"
STOCK #	8679	8779	8879
STOCK # W/O	8680	8780	8880

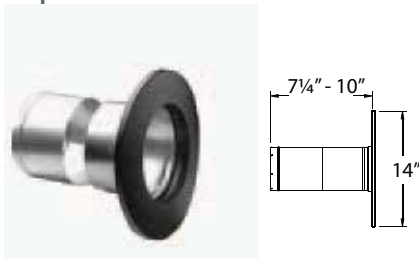
### DVL Oval-To-Round Adapter



Use on Vermont Casting appliances with oval flue collars to adapt to round pipe.

SIZE	8" OVAL TO 6" ROUND	8" OVAL TO 8" ROUND
STOCK #	8670	8870

### Masonry Thimble w/ Slip Connector



Penetrates masonry chimney for connection of DuraBlack or DVL to DuraLiner. Adapter must be used to attach the connector pipe to the masonry thimble. Pricing for Masonry Thimble with Slip connector listed under DuraLiner.

SIZE	STOCK #
6"	4643
8"	4843

# DuraBlack® - Single-Wall Stovepipe

## DuraBlack Stovepipe Kit

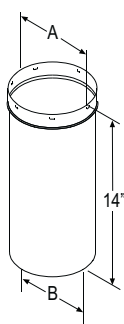


Kit includes: 14" DuraBlack Slip Connector, (2) 24" DuraBlack Single-Wall Black Pipe, and Trim Collar.

Use kit to connect between appliance and chimney for a typical 8' through-the-ceiling installation.

SIZE	6"
STOCK #	1692

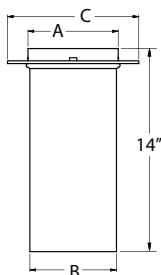
## DuraBlack Slip Connector



Use to adapt DuraBlack pipe to ceiling support box or finishing collar. Adds 3" - 13" of length to rigid pipe. Allows drip-free installation without cutting the pipe. Can be used in line to create a telescoping combination when used with a straight length of pipe. 10" connector requires screws.

SIZE	6"	7"	8"	10"
A	6 3/16"	7 3/16"	8 3/16"	10 3/16"
B	5 15/16"	6 15/16"	7 15/16"	9 15/16"
STOCK #	1670	1770	1870	2070

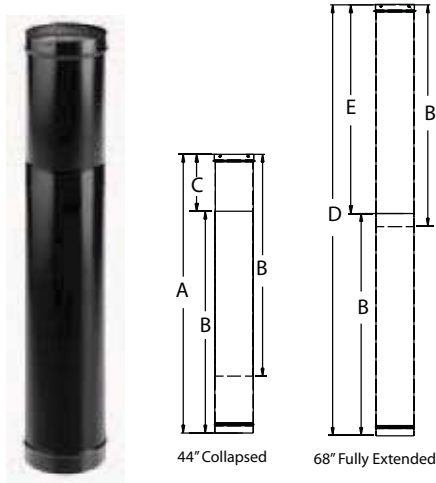
## DuraBlack Slip Connector w/Trim **\*updated description\***



Use to adapt DuraBlack pipe to ceiling support box or finishing collar. Adds 3" - 13" of length to rigid pipe. Allows drip-free installation without cutting the pipe. Can be used in line to create a telescoping combination when used with a straight length of pipe. 10" connector requires screws. Provides a strong mechanical connection. Adapter will work with all 6"-8" DuraPlus, 6"-8" DuraPlus HTC, and 7"-8" DuraTech installations. Adapter will work with 5"-6" DuraTech Ceiling Support Box installations only.

SIZE	6"	7"	8"
A	6 1/4"	7 1/4"	8 1/4"
B	6"	7"	8"
C	9"	11"	11"
STOCK #	1671	1771	1871

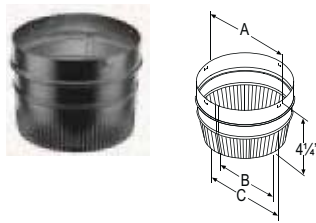
### DuraBlack Telescoping Length



Use for a two-piece installation. Connects directly from stove to ceiling support box or finishing collar. Adjusts from 44"- 68". No cutting required. Available in stainless steel (SS).

SIZE	6"
A	44"
B	35"
C	9"
D	68"
E	33"
STOCK #	1647

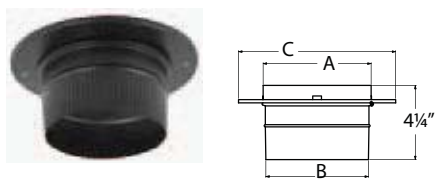
### Snap-Lock Adapter



Snaps into the ceiling support box or finishing collar and extends down to fit into stovepipe for a drip-free connection to a DuraTech, DuraPlus, DuraPlus HTC, or DuraLiner Chimney system.

SIZE	5"	6"	7"	8"
A	5 3/16"	6 3/16"	7 3/16"	8 3/16"
B	4 1/2"	5 1/2"	6 1/2"	7 1/2"
C	4 5/16"	5 5/16"	6 5/16"	7 5/16"
STOCK #	6589	6689	6789	6889

### Snap-Lock Adapter w/Trim **\*updated description\***



Snaps into the ceiling support box or finishing collar and extends down to fit into stovepipe for a drip-free connection to a DuraTech, DuraPlus, DuraPlus HTC, or DuraLiner Chimney system. Provides a strong mechanical connection. Adapter will work with all 6"-8" DuraPlus, 6"-8" DuraPlus HTC, and 7"-8" DuraTech installations. Adapter will work with 5"-6" DuraTech Ceiling Support Box installations only.

SIZE	5"	6"	7"	8"
A	5 1/4"	6 1/4"	7 1/4"	8 1/4"
B	4 7/8"	5 7/8"	6 7/8"	7 7/8"
C	9"	9"	11"	11"
STOCK #	6591	6691	6791	6891

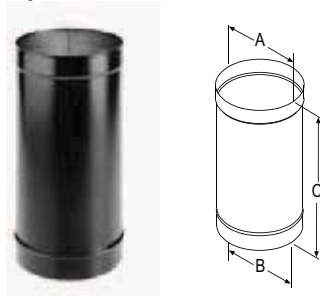
### DuraBlack Slip In increaser



Use to adapt from 6" DuraBlack to 8" DuraTech, DuraPlus, DuraPlus HTC, or DuraLiner at the ceiling support box or finishing collar. Adds 5" - 15" of length.

SIZE	6" - 8"
STOCK #	1860

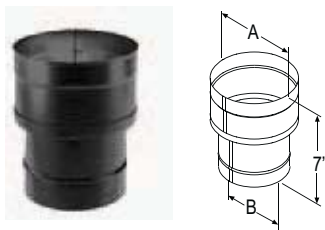
### DuraBlack Single-Wall Black Pipe



Use for a single-wall connector pipe. Requires 18" clearance to combustibles. Subtract 1 1/4" from the "C" measurement to calculate the installed length.

SIZE	6"	7"	8"	10"
A	6 1/8"	7 1/8"	8 1/8"	10 1/8"
B	6"	7"	8"	10"
C	12", 24", or 48"			
12" LENGTH	1612	1712	1812	2012
24" LENGTH	1624	1724	1824	2024
48" LENGTH	1648	1748	1848	--

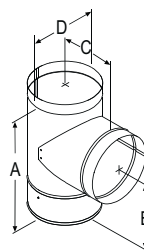
### DuraBlack In creaser



Use to increase from a smaller appliance flue outlet to a larger diameter chimney or stovepipe.

SIZE	5" - 6"	6" - 7"	7" - 8"	8" - 10"	9" - 10"
A	6 1/8"	7 1/8"	8 1/8"	10 1/8"	10 1/8"
B	5"	6"	7"	8"	9"
STOCK #	1667	1767	1867	2067	2069

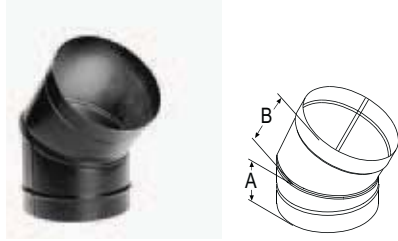
### DuraBlack Tee w/ Clean-Out Cap



Use with rear exit appliances and appliances that require a barometric damper.

SIZE	6"	7"	8"	10"
A	10 1/2"	11 1/2"	12 1/2"	14"
B	6 3/8"	7"	7 1/4"	8 1/4"
C	5 3/4"	6"	7"	8"
D	6 1/8"	7 1/8"	8 1/8"	10 1/8"
STOCK #	1655	1755	1855	2055

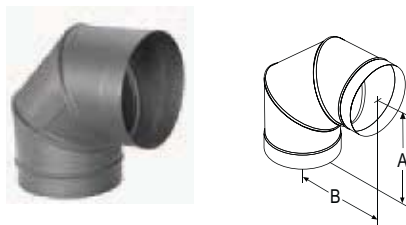
DuraBlack 45° Elbow **\*updated part\***



Offsets obstructions as needed. Elbows angles are now adjustable. Adjustable elbows are manufactured drip free so creosote travels back to the stove as intended.

SIZE	6"	7"	8"	10"
A	4"	4"	4 1/2"	4 1/2"
B	3 1/2"	3 3/8"	4 1/2"	3 5/8"
STOCK #	1645	1745	1845	2045

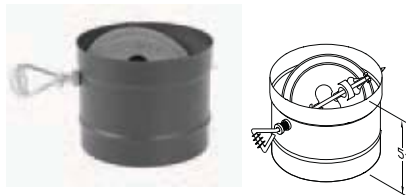
DuraBlack 90° Elbow **\*updated part\***



Offsets obstructions as needed. Elbows angles are now adjustable. Adjustable elbows are manufactured drip free so creosote travels back to the stove as intended. Not recommended for rear exit appliances.

SIZE	6"	7"	8"	10"
A	6"	6 1/4"	7"	7 1/2"
B	5 3/4"	6 3/4"	7 1/8"	7"
STOCK #	1690	1790	1890	2090

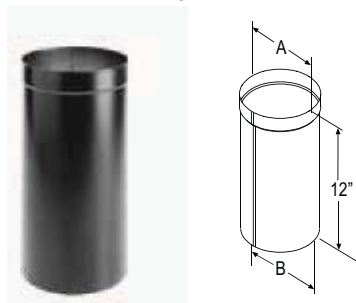
DuraBlack Damper Section



Install at, or close to, the stove outlet in-line. 5" pipe section with the damper pre-installed.

SIZE	6"	7"	8"
STOCK #	1605	1705	1805

DuraBlack Oval to Round Adapter

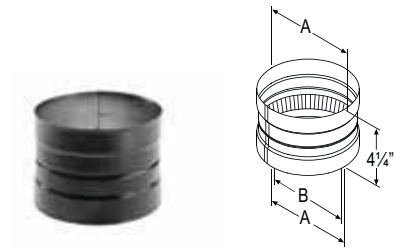


Connects to the oval flue outlet of the appliance. Must be field ovalized.

SIZE	6"	7"	8"
A	6 1/8"	7 1/8"	8 1/8"
B	5 15/16"	6 15/16"	7 15/16"
STOCK #	1675	1775	1875



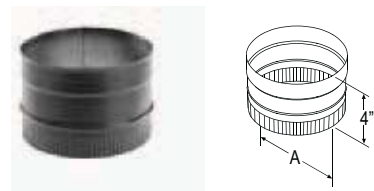
### DuraBlack Double-Skirted Stovetop Adapter



Use to adapt DuraBlack stovepipe to appliance flue outlets. Outer wall covers appliance flue outlet.

SIZE	6"	7"	8"	10"
A	6 1/8"	7 1/8"	8 1/8"	10 1/8"
B	5 5/8"	6 5/8"	7 5/8"	9 5/8"
STOCK #	1672	1772	1872	2072

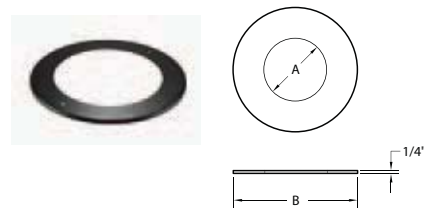
### DuraBlack Stovetop Adapter



Use to adapt DuraBlack stovepipe to appliance flue outlet.

SIZE	6"	7"	8"
A	5 15/16"	6 15/16"	7 15/16"
STOCK #	1677	1777	1877
METRIC ADAPTER 6 1/8"	A		
STOCK #	4706	4 3/8"	

### DuraBlack Trim Collar



Use as a decorative Trim Collar for DuraBlack connection to chimney.

SIZE	6"	7"	8"	10"
A	6 1/8"	7 1/8"	8 1/8"	10 1/8"
B	9"	10"	11"	13"
STOCK #	1668	1768	1868	2068

# DuraBlack® Stainless Steel - Single-Wall Stovepipe

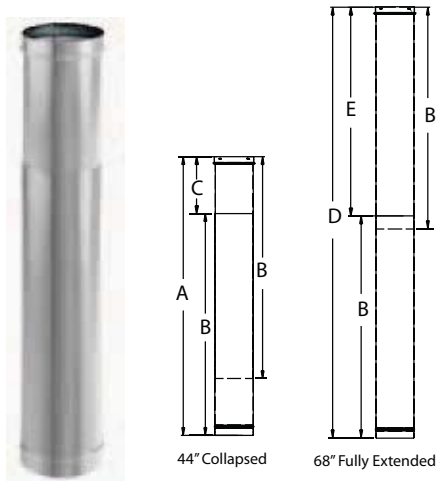
## DuraBlack Slip Connector



Use to adapt DuraBlack pipe to ceiling support box or finishing collar. Adds 3" - 13" of length to rigid pipe. Allows drip-free installation without cutting the pipe. Can be used in line to create a telescoping combination when used with a straight length of pipe. 10" connector requires screws.

SIZE	6"	7"	8"	10"
A	6 3/16"	7 3/16"	8 3/16"	10 3/16"
B	5 15/16"	6 15/16"	7 15/16"	9 15/16"
STOCK #	1670SS	--	1870SS	--

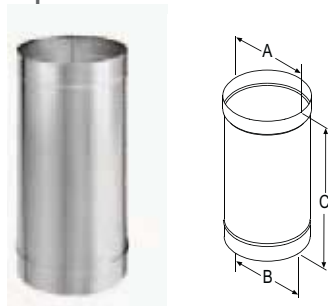
## DuraBlack Telescoping Length



Use for a two-piece installation. Connects directly from stove to ceiling support box or finishing collar. Adjusts from 44" - 68". No cutting required.

SIZE	6"
A	44"
B	35"
C	9"
D	68"
E	33"
STOCK #	1647SS

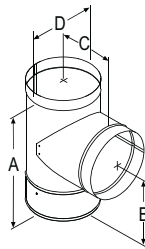
## DuraBlack Single-Wall Black Pipe



Use for a single-wall connector pipe. Requires 18" clearance to combustibles. Subtract 1 1/4" from the "C" measurement to calculate the installed length.

SIZE	6"	7"	8"	10"
A	6 1/8"	7 1/8"	8 1/8"	10 1/8"
B	6"	7"	8"	10"
C	12", 24", or 48"			
12" LENGTH	1612SS	--	1812SS	--
24" LENGTH	1624SS	--	1824SS	--
48" LENGTH	1648SS	--	1848SS	--

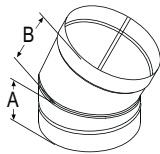
### DuraBlack Tee w/ Clean-Out Cap



Use with rear exit appliances and appliances that require a barometric damper.

SIZE	6"	7"	8"	10"
A	10 1/2"	11 1/2"	12 1/2"	14"
B	6 3/8"	7"	7 1/4"	8 1/4"
C	5 3/4"	6"	7"	8"
D	6 1/8"	7 1/8"	8 1/8"	10 1/8"
STOCK #	1655SS	--	1855SS	--

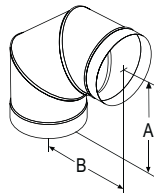
### DuraBlack 45° Elbow



Offsets obstructions as needed. Not adjustable.

SIZE	6"	7"	8"	10"
A	4"	4"	4 1/2"	4 1/2"
B	3 1/2"	3 3/8"	4 1/2"	3 5/8"
STOCK #	1645SS	--	1845SS	--

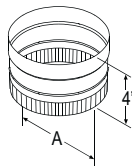
### DuraBlack 90° Elbow



Offsets obstructions as needed. Not adjustable. Not recommended for rear exit appliances.

SIZE	6"	7"	8"	10"
A	6"	6 1/4"	7"	7 1/2"
B	5 3/4"	6 3/4"	7 1/8"	7"
STOCK #	1690SS	--	1890SS	--

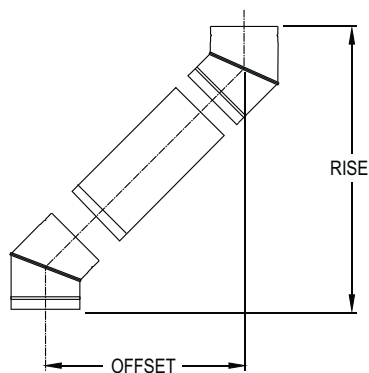
### DuraBlack Stovepot Adapter



Use to adapt DuraBlack stovepipe to appliance flue outlet.

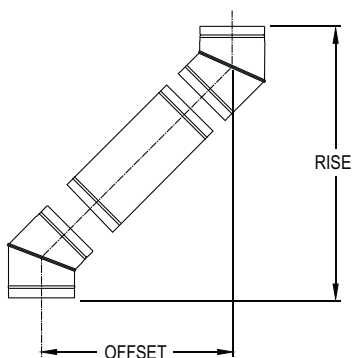
SIZE	6"	7"	8"
A	5 15/16"	6 15/16"	7 15/16"
STOCK #	1677SS	--	1877SS

### Offset Chart - DVL



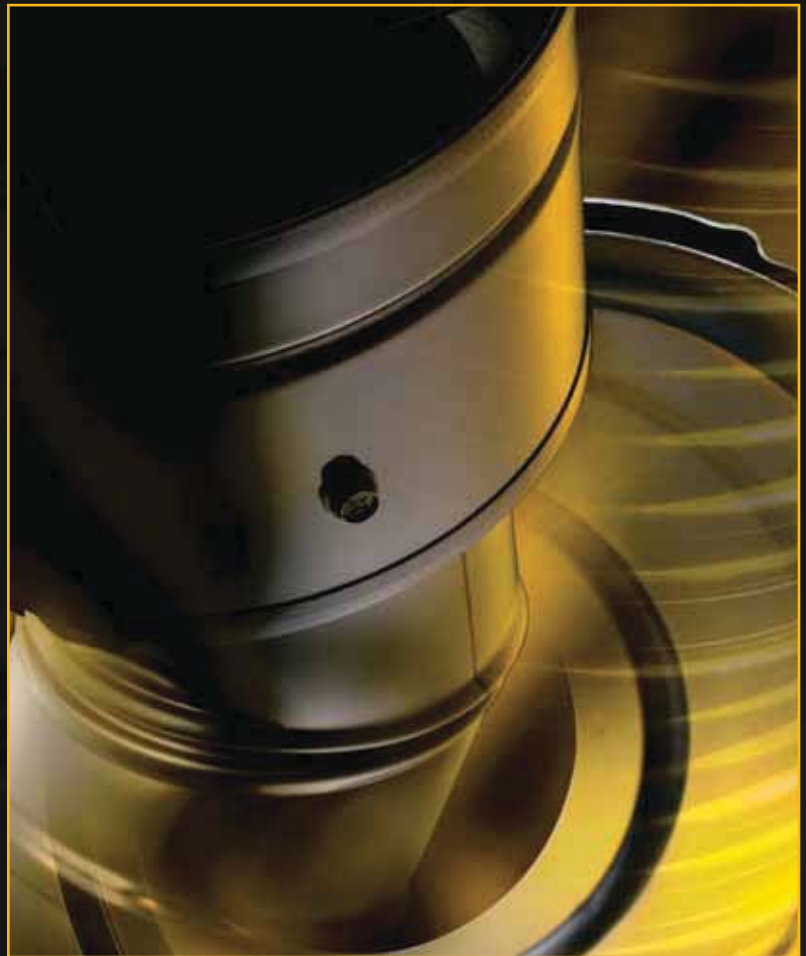
SIZE		6" DIAMETER		7" DIAMETER		8" DIAMETER	
Elbow Degrees	Chimney Section	Offset Inches	Rise Inches	Offset Inches	Rise Inches	Offset Inches	Rise Inches
45°	0"	5"	13 3/4"	7"	17 1/4"	7"	17 1/2"
45°	6"	8 3/4"	16 1/2"	10 1/2"	21"	10 1/2"	21"
45°	12"	13"	20 3/4"	14 3/4"	25 1/4"	14 3/4"	25 1/4"
45°	18"	17 1/4"	25"	19"	29 1/2"	19"	29 1/2"
45°	24"	21 1/2"	39 1/4"	23 1/4"	33 3/4"	23 1/4"	33 3/4"
45°	48"	38 1/2"	46 1/4"	40 1/4"	50 3/4"	40 1/4"	50 3/4"
90°	0"	10 1/2"	6"	13"	14 1/4"	13 1/2"	14 3/4"
90°	6"	15 1/4"	6"	17 3/4"	14 1/4"	18 1/4"	14 3/4"
90°	12"	21 1/4"	6"	23 3/4"	14 1/4"	24 1/4"	14 3/4"
90°	18"	27 1/4"	6"	29 3/4"	14 1/4"	30 1/4"	14 3/4"
90°	24"	33 1/4"	6"	35 3/4"	14 1/4"	36 1/4"	14 3/4"
90°	48"	57 1/4"	6"	59 3/4"	14 1/4"	60 1/4"	14 3/4"

### Offset Chart - DuraBlack **\*updated\***



SIZE		6" DIAMETER		7" DIAMETER		8" DIAMETER		10" DIAMETER	
Elbow Degrees	Chimney Section	Offset Inches	Rise Inches	Offset Inches	Rise Inches	Offset Inches	Rise Inches	Offset Inches	Rise Inches
45°	0"	4 1/2"	12 1/2"	4 1/2"	14 3/4"	5 1/2"	14 3/4"	5 3/4"	15"
45°	12"	12"	19"	12"	22 1/4"	13 1/4"	22 1/4"	13 1/4"	22 3/4"
45°	24"	20 1/2"	28"	21 1/2"	30 3/4"	21 3/4"	30 3/4"	21 3/4"	31 1/4"
45°	48"	37 1/2"	45"	37 3/4"	47 3/4"	38 3/4"	47 3/4"	--	--
90°	0"	10 1/2"	11 3/4"	12 1/4"	12 1/2"	13"	14 1/4"	14 1/2"	16 3/4"
90°	12"	21 1/4"	11 3/4"	23"	12 1/2"	25 1/2"	14 1/4"	25 1/4"	16 3/4"
90°	24"	33 1/4"	11 3/4"	35"	12 1/2"	37 1/4"	14 1/4"	37 1/4"	16 3/4"
90°	48"	57 1/4"	11 3/4"	59"	12 1/2"	61 1/2"	14 1/4"	--	--

**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.

**\*updated information\***

### 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

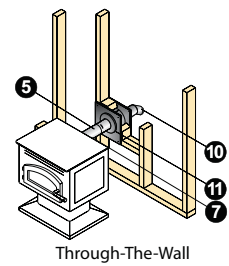
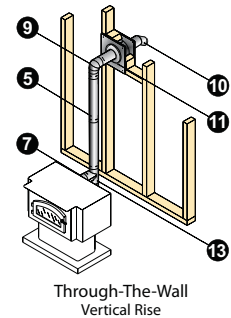
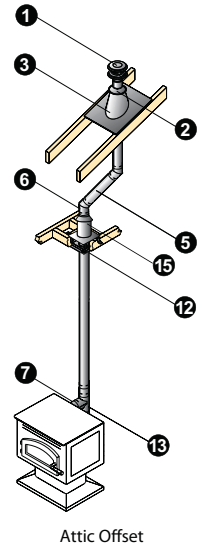
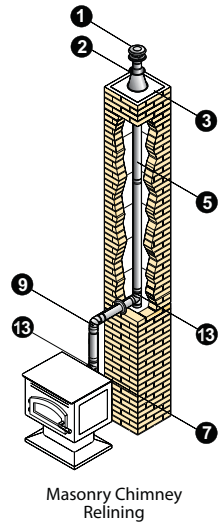
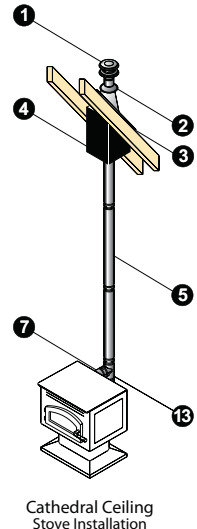
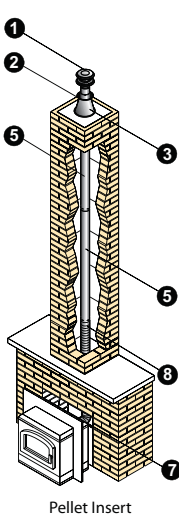
### PelletVent Pro for biofuels

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.

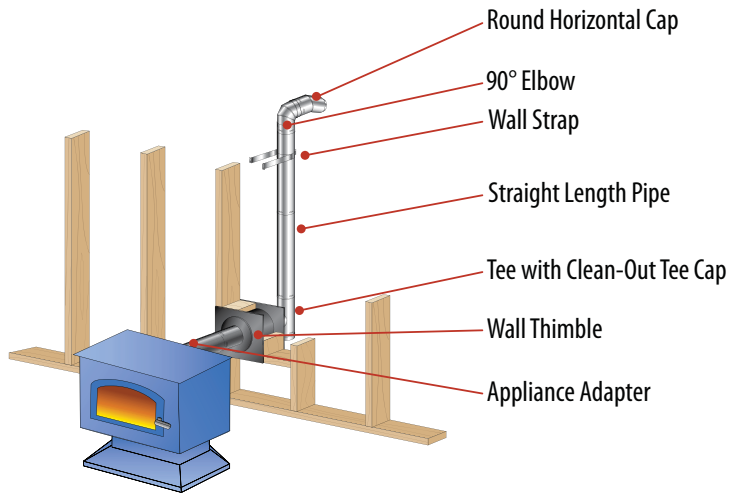


## Typical Installations



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		

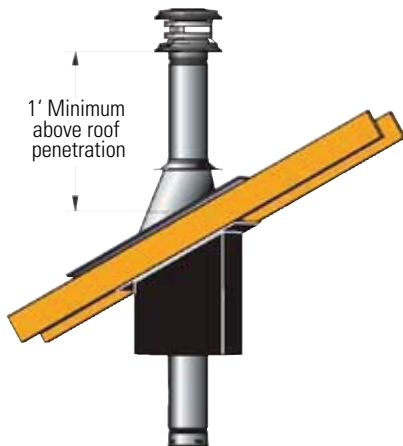
- Refer to our Typical Venting Installation drawings to select the appropriate component parts for your installation.
- The inner pipe diameter should match the outlet size of the appliance. For installations that require 4" vent and the appliance has a 3" outlet, use an Increaser Adapter 3"-4".
- Check 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](http://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/Inceaser, 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/Inceaser, painted black. Support Clamp included.

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

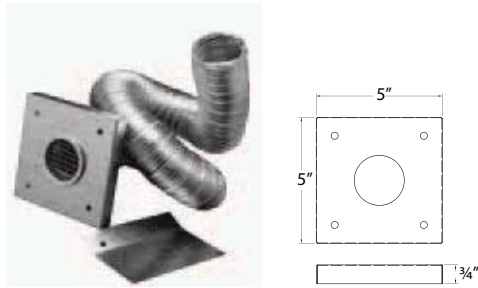
### PelletVent Pro Vertical Kit - Cathedral



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/Inceaser, painted black.

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

### Fresh Air Intake Kit



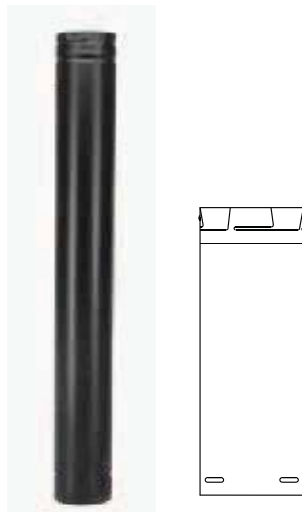
Kit includes: faceplate with screen, moisture barrier, aluminum flex, and two clamps.

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

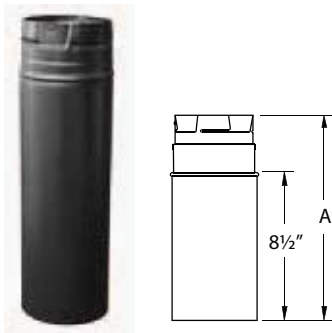
### Straight Length Pipe



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

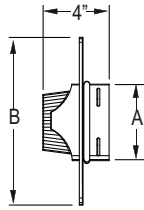
### Flex Pipe



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

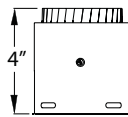
### Flex Trim Collar



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"

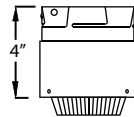
### Female Flex Adapter



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

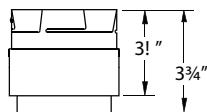
### Male Flex Adapter



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

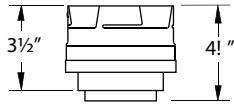
### Appliance Adapter



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

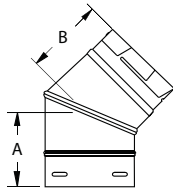
### Appliance Adapter/Increaser



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

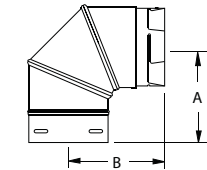
### 45° Elbow



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"

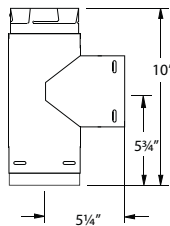
### 90° Elbow



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"

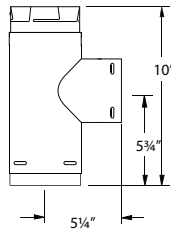
### Single Tee w/Clean-Out Tee Cap



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

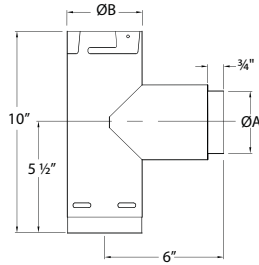
### Increaser Tee w/Clean-Out Tee Cap



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

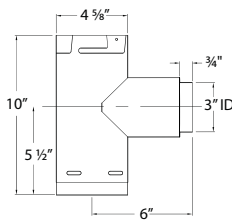
### Adapter Tee w/Clean-Out Tee Cap



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"

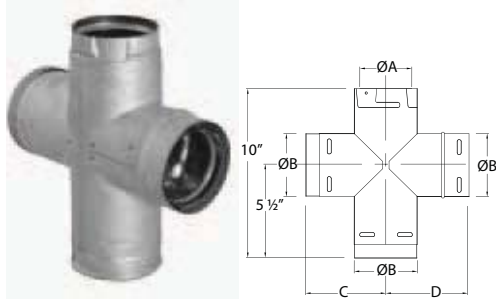
### Increaser Adapter Tee w/Clean-Out Tee Cap



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"

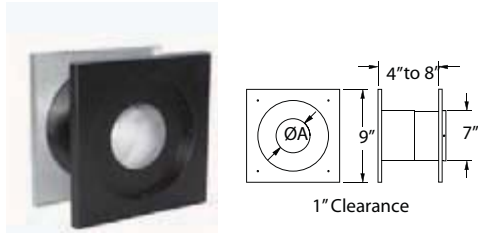
### Clean-Out Tee Cap



Use as a replacement Clean-Out Tee Cap.

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

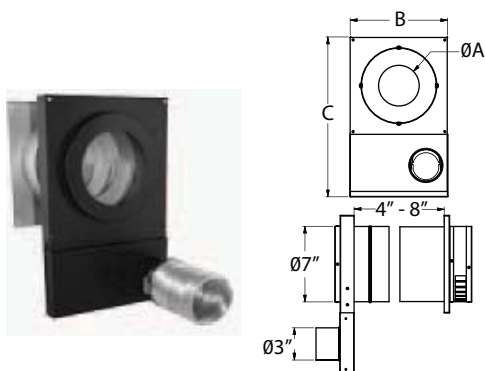
### Wall Thimble



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"

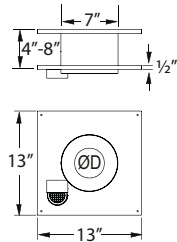
### Combustion Air Wall Thimble Kit



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"

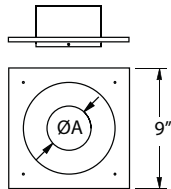
### Wall Thimble Air Intake Kit



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

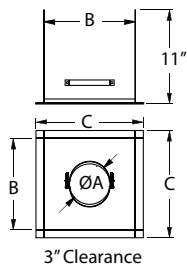
### Ceiling Support Firestop Spacer



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"

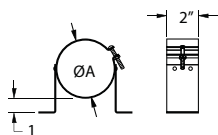
### Ceiling Support Firestop Spacer - 3" Clearance



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

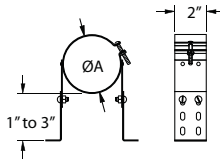


Use to support vent pipe or tee sections. Provides 1" clearance.

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



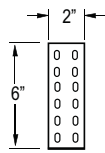
### Adjustable Wall Strap



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"

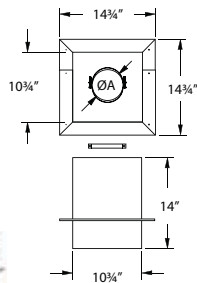
### Wall Strap Extension



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

STOCK #	3PVP-WSA-EXT

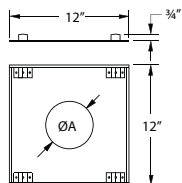
### Cathedral Ceiling Support Box



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"

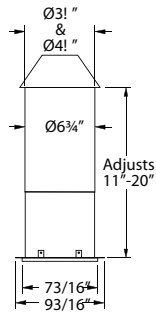
### House Shield



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"

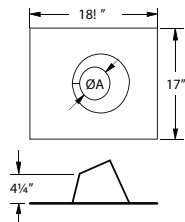
### Attic Insulation Shield



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

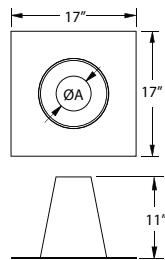
### Adjustable Roof Flashing



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"

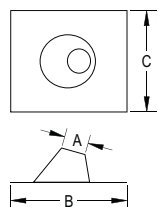
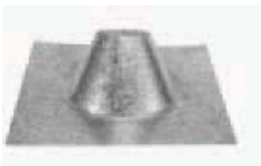
### Tall Cone Roof Flashing



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"

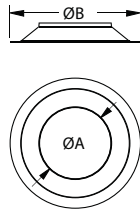
### DSA Roof Flashings



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"

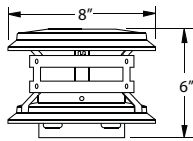
### Storm Collar



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"

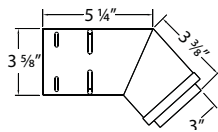
### Vertical Cap



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

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

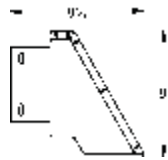
### Horizontal Cap



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

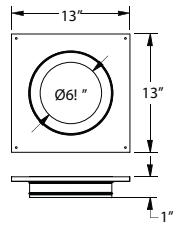
### Square Horizontal Cap



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

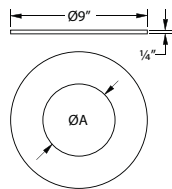
### Ceiling Support/ Wall Thimble Cover



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

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

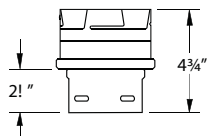
### Reduction Collar



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"

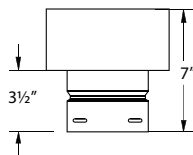
### Increaser



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

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

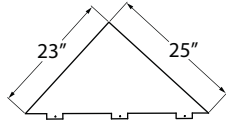
### Chimney Adapter



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

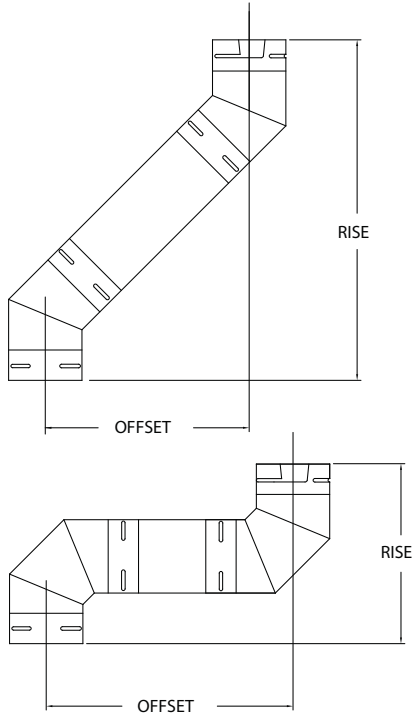
### Snow Splitter



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

SIZE	6"
STOCK #	9493

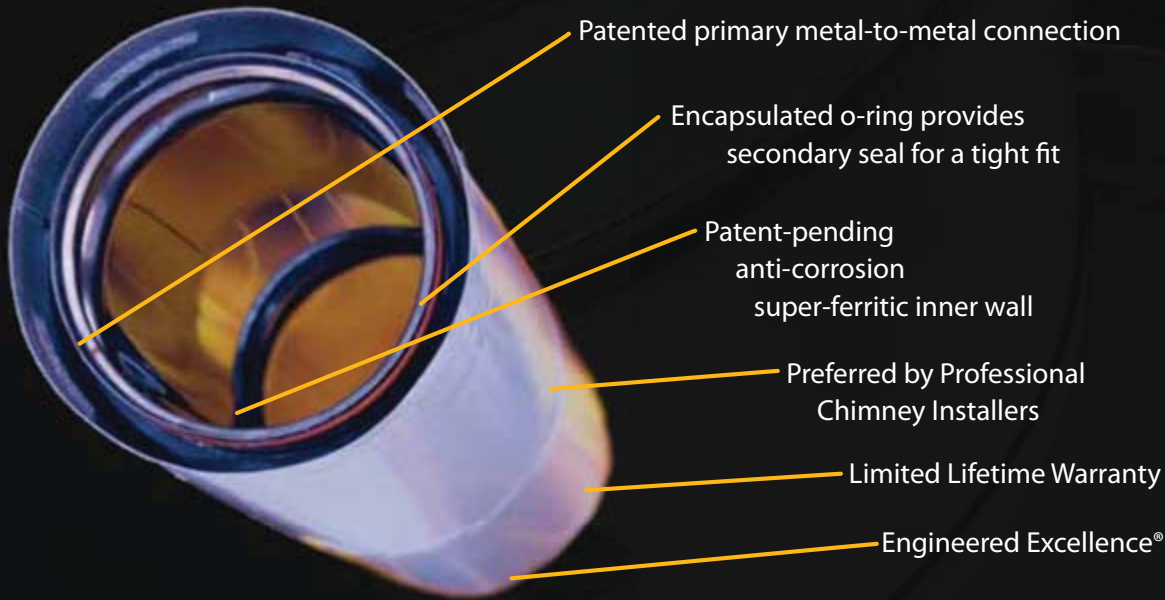
### Offset Chart



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.

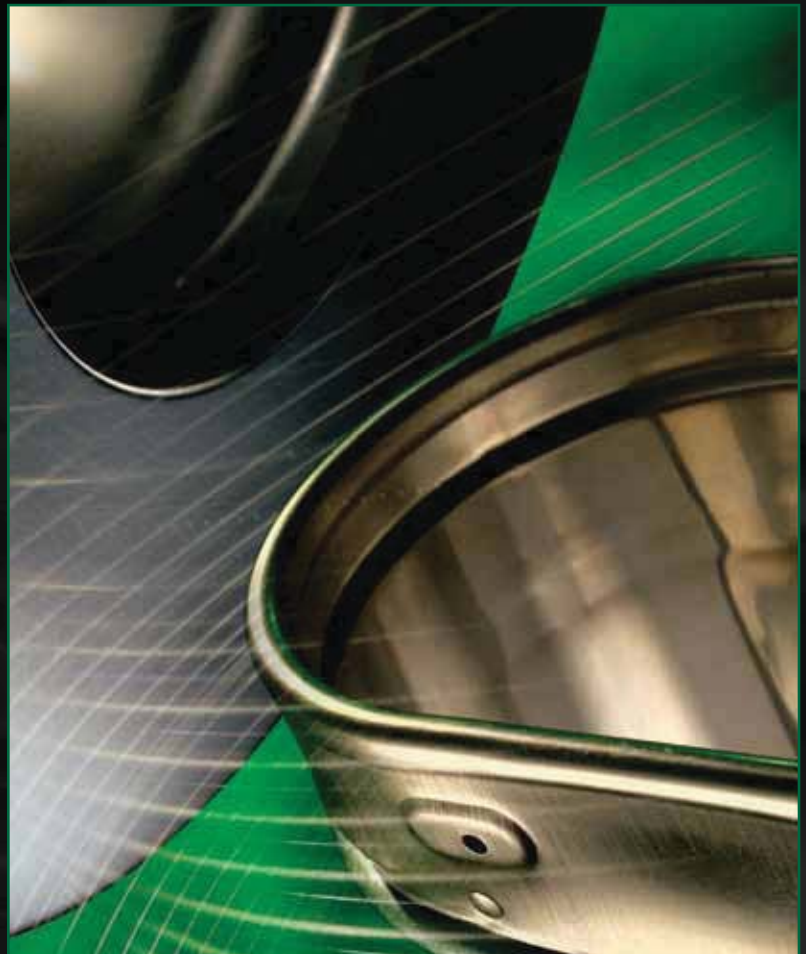


Pellet Vent Pro Feature	Benefit	Pellet Vent Pro Feature	Benefit	Pellet Vent Pro Feature	Benefit
Super Ferritic Metal inner liner. Patent Pending.	Proven to be the most corrosion resistant. By far the best performing metal when burning bio fuels.	Twist Lock Connection	Easy installation with no mechanical 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.

**DuraLiner®**

**Insulated, double-wall  
masonry relining.**

**UL 1777, ULC S635, and ULC S640.**



## Specifications

### Applications

DuraLiner is a high-temperature, insulated double-wall masonry relining system for use with appliances fueled by gas, pellet, oil, wood, or coal. It safely protects masonry chimneys from the damaging effects of flue product condensation.

### Materials and Construction

.016" 304 stainless steel inner liner.  
Rigid relining pipe: double-walled with 304 stainless steel inner and galvalume outer. Factory insulated between inner and outer walls.  
DuraLiner Rigid Pipe in round or oval, is constructed with built-in fittings and pre-drilled holes (stainless steel rivets included).  
Round 5" DuraLiner rigid pipe is constructed with built-in twist-lock and pre-drilled holes.

### Clearances

Rigid double wall: 0" clearance between the liner and masonry and 0" clearance between the masonry and combustibles.  
DuraLiner Flex: 1" clearance to masonry.  
Zero clearance with insulation.

### Diameters

5", 6", and 8".

### Listings

UL Listed to UL 1777 (MH14420), ULC Listed to ULC S635 and ULC S640 (CMH1329).



## UL 1777, ULC S635, and ULC S604 System

### DuraLiner

DuraLiner ensures safe and efficient venting of heating appliances, while protecting the masonry chimney from the damaging effects of flue gas. It is the only factory-insulated product with zero/zero clearance for high heat wood-burning appliances. No need to uncoil flex, insulate a majority of the pipe, or protect the insulation when installing. A smooth inner means less creosote buildup.

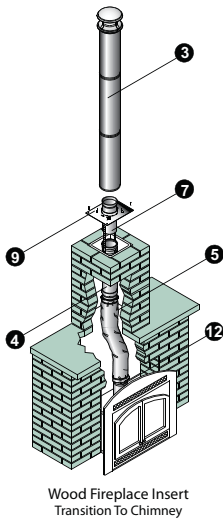
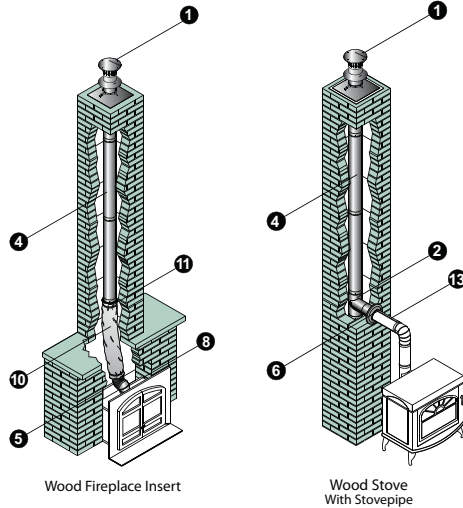
Installers reduce labor time by 50% or more with DuraLiner. No time wasted wrapping insulation around liner for UL 1777 approval.

No spacers needed to maintain clearance in tight offsets or dampers. Approved for use in both the USA and in Canada.



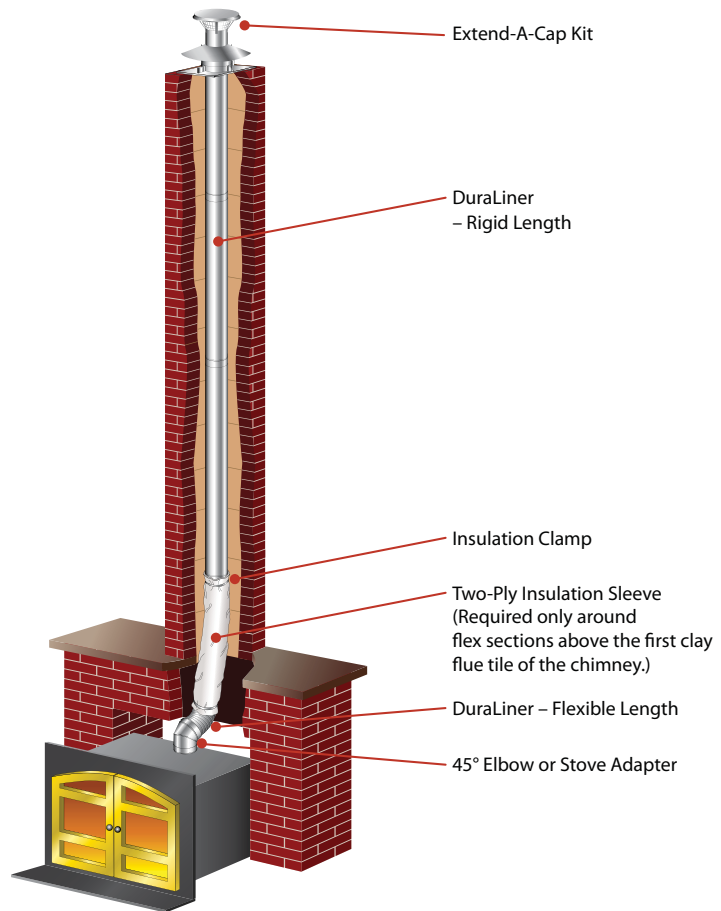


## Typical Installations



Installation Key			
1	Extend-A-Cap Kit	8	30° or 45° SS Elbow
2	Round Tee with Round Branch	9	Transition Anchor Plate
3	DuraTech or DuraPlus Chimney	10	Two-Ply Insulation Sleeve
4	DuraLiner - rigid length	11	Insulation Clamp
5	DuraLiner - flexible length	12	DuraLiner Appliance Connector
6	Masonry Thimble w/ Slip Connector	13	DVL or DuraBlack Stovepipe
7	Slip Connector and Hanger		

- Refer to our Typical Installation drawings to select the appropriate component parts for your installation
- The inner pipe diameter should match the outlet size of the appliance.
- Check the appliance manufacturer's installation instructions for any venting restrictions.
- Be fire safe! Follow local building codes and have your venting system inspected.



## Planning Your Installation

1	Refer to the Typical Installations for the needed parts for installation.
2	The size of the liner should match the outlet size on the appliance.
3	Determine use of round or oval pipe based on the interior shape of the chimney.
4	Determine the length of liner needed. Subtract 1 1/2" overlap per joint on pipe. When using Extend-A-Cap Kit, liner must extend 6" above top of the masonry surface.
5	Make sure the top of the masonry chimney has a leveled surface to insure a proper fit for the Extend-A-Cap or Transition Anchor Plate and to provide a secure, leak-proof installation.
6	If a free-standing appliance is used, select the vent or stovepipe pieces to connect from the appliance to the liner. Refer to installation instructions.
7	For Installations using a Transition Anchor Plate, refer to the DuraTech, DuraPlus, or DuraPlus HTC catalog section or installation instructions for proper parts and installation.
8	Important! Check to be sure the installation complies with all local and national code requirements, including clearance to combustibles. Contact the local building inspector for permit requirements.

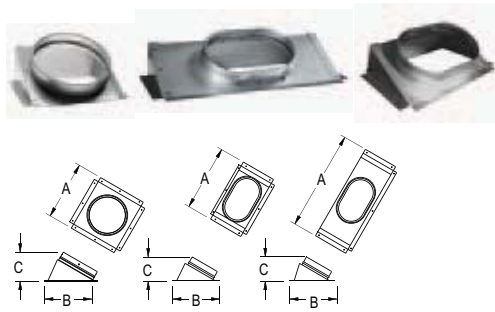
## Design Recommendations

- The following design recommendations are a general guideline to assist in the design and selection of liner components for your installation. Always follow DuraVent installation instructions enclosed with the cap or support box before installing your chimney system.
- Installation instructions can be viewed online at [www.duravent.com](http://www.duravent.com), under Catalogs and Instructions.
- Before relining a chimney, it should be cleaned and inspected, by a certified chimney sweep, to verify the integrity of the mortar and masonry.
- DuraLiner is approved for 0" clearance between the liner and masonry and 0" clearance between the masonry and combustibles.
- DuraLiner is used for wood-burning appliances when zero-clearance or oval pipe is needed.
- Refer to the appliance manufacturer for installation requirements affecting venting. Keep the vent path as straight as possible for best performance.

## Restore Deteriorating Chimneys with DuraLiner

When a masonry chimney is damaged or has fallen down, it can be replaced with a safe, listed liner system or factory-built chimney. DuraLiner, when used with a Transition Anchor Plate and in combination with DuraTech, DuraPlus, or DuraPlus HTC Chimneys, replaces the damaged masonry chimney with a safe, efficient, and economical listed chimney system (DuraPlus HTC is listed for use in Canada). See Typical Installations for details.

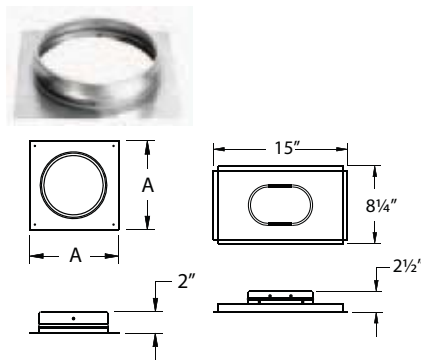
### 30° Stove Connectors



Use to connect stove to round or oval DuraLiner pipe at a 30° angle.

SIZE	CONNECTION	STOCK #	A	B	C
6"	Round - Round	4681	8 1/8"	9 3/4"	5 3/8"
6"	Round - Oval	4681-RO	9 3/8"	7 3/4"	5 7/8"
6"	Oval - Oval	4681-0	15"	7 3/8"	4"
8"	Round-Round	4881	10"	11 5/8"	6 1/4"
8"	Round - Oval	4881-RO	12 1/4"	9 3/4"	5 7/8"
8"	Oval - Oval	4881-0	15"	7 3/8"	4"

### Flat Stove Connector



Use to connect stove to round or oval DuraLiner pipe. Oval stove connector is sized to convert round stove outlets to oval DuraLiner pipe.

SIZE	STOCK #	A
6" ROUND	4680	10 1/4"
6" OVAL	4680-0	--
8" ROUND	4880	12 1/4"
8" OVAL	4880-0	--

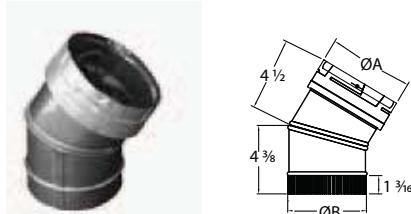
### 15° Stainless Steel Elbow Adapter



Use to offset obstructions as needed. Use as a stove connector to DuraLiner. Built-in fittings for connection to DuraLiner. Elbows are single-wall.

SIZE	STOCK #
6"	4615

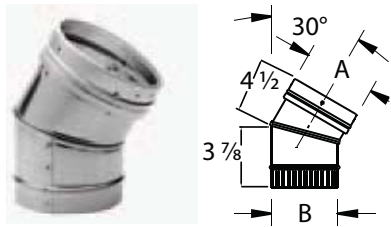
### 30° Stainless Steel Elbow - 5"



Use to offset obstructions as needed. Use as a stove connector to DuraLiner. Built-in fittings for connection to DuraLiner. Elbows are single-wall.

SIZE	ANGLE	STOCK #	A	B
5"	30°	5DLR-E30	5 1/2"	5"

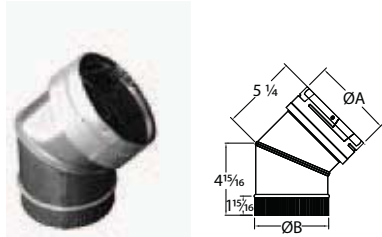
### 30° Stainless Steel Elbow



Use as a stove connector to DuraLiner. Features built-in fittings for easy connection to DuraLiner. Elbows are single-wall.

SIZE	ANGLE	STOCK #	A	B
6"	30°	4630	6 1/2"	6"
8"	30°	4830	8 1/2"	8"

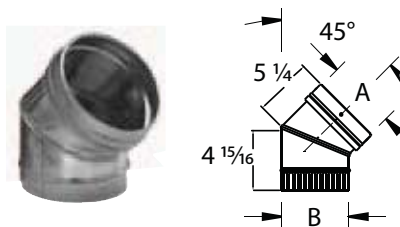
### 45° Stainless Steel Elbow - 5"



Use to offset obstructions as needed. Use as a stove connector to DuraLiner. Features built-in fittings for easy connection to DuraLiner. Elbows are single-wall.

SIZE	ANGLE	STOCK #	A	B
5"	45°	5DLR-E45	5 1/2"	5"

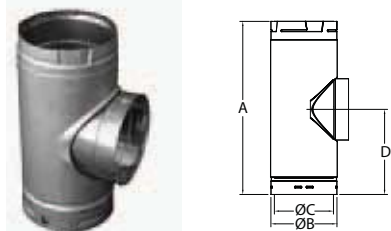
### 45° Stainless Steel Elbow



Use as a stove connector to DuraLiner. Features built-in fittings for easy connection to DuraLiner. Elbows are single-wall.

SIZE	ANGLE	STOCK #	A	B
6"	45°	4645	6 1/2"	6"
8"	45°	4845	8 1/2"	8"

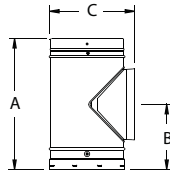
### Round Tee and Round Branch w/ Cap - 5"



Provides connection between Masonry Wall Thimble or stove connector pipe to round DuraLiner. Branch is removeable.

SIZE	STOCK #	A	B	C	D
5"	5DLR-T	12"	5 3/8"	5 1/2"	6"

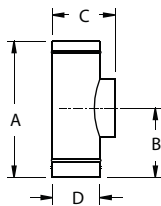
## Round Tee and Round Branch w/ Cap



Provides connection between Masonry Wall Thimble, Wall Pass Through, or stove connector pipe to round DuraLiner. Branch is removable.

SIZE	STOCK #	A	B	C
6"	4667	15 1/8"	7 1/2"	8"
8"	4867	15 1/8"	7 1/2"	10"

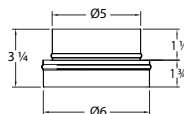
## Oval Tee and Round Branch w/ Cap



Provides connection between Masonry Wall Thimble, Wall Pass Through, or stove connector pipe to oval DuraLiner. Single-wall. May require additional insulation. Refer to DuraLiner installation instructions.

SIZE	STOCK #	A	B	C	D
6"	4667-0	14 1/4"	7 1/2"	6 7/16"	4 7/8"
8"	4867-0	14 1/4"	7 1/2"	6 7/16"	4 7/8"

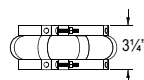
## 6"-5" Reducer



Use to reduce flue collar from 6" diameter to 5" diameter, when permitted by appliance manufacturer.

SIZE	STOCK #
5"	5DLR-R6

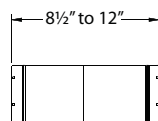
## Spacer



Use to maintain a 1" clearance with flex sections of DuraLiner.

SIZE	STOCK #
6" OVAL	4668-0
8" OVAL	4868-0

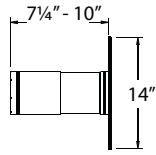
## Adjustable Sleeve



Use for rear stove exits. Sleeve adjusts from 8 1/2" to 12".

SIZE	STOCK #
6"	4666
8"	4866

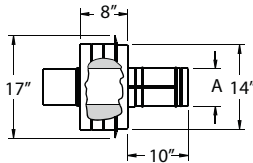
### Masonry Thimble w/ Slip Connector **\*updated stock#\***



Use to penetrate masonry chimney to allow connection of DuraBlack or DVL to DuraLiner. Adapter must be used to attach the connector pipe to the masonry thimble.

SIZE	STOCK #
5"	5DLR-MT
6"	4643
8"	4843

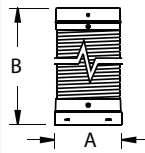
### Wall Pass Through



Use to connect to a DuraLiner tee. Transitions DuraLiner through a masonry chimney and a combustible wall. Allows the connection of DuraBlack pipe when used with the appropriate adapter. DVL black pipe will connect directly to the Wall Pass Through.

SIZE	STOCK #	A
6"	4644	6 1/2"
8"	4844	8 1/2"

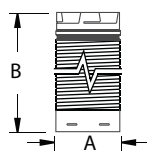
### Round-To-Round Heavy Duty Flex Pipe



Use through damper and smoke shelf area. Built-in fittings. Use with DuraLiner Two-Ply Insulation Sleeve, where flex extends into clay liner, for zero-clearance applications. Round-to-Round Flex pipe built from .016", 304 stainless steel, 4-ply construction.

SIZE	STOCK #	A	B
6"	6DLR-36F	6 5/8"	36"
6"	6DLR-60F	6 5/8"	60"
8"	8DLR-36F	8 5/8"	36"
8"	8DLR-60F	8 5/8"	60"

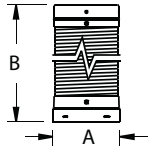
### Round-To-Round Flex Pipe - 5"



Use through damper and smoke shelf area. Built from 304 stainless steel. Use DuraLiner Two-Ply Insulation Sleeve to meet UL1777 zero-clearance standards. Twist-lock fittings.

SIZE	STOCK #	A	B
5"	5DLR-36F	5 5/8"	36"
5"	5DLR-60F	5 5/8"	60"

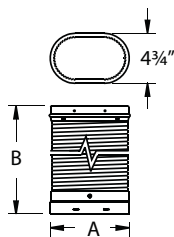
## Round-To-Round Flex Pipe



Use through damper and smoke shelf area. Use with DuraLiner Two-Ply Insulation Sleeve, where flex extends into clay liner, for zero-clearance applications. Built from 1-ply construction, .005" 304 stainless steel.

SIZE	STOCK #	A	B
6"	4636-F	6 5/8"	36"
6"	4660-F	6 5/8"	60"
8"	4836-F	8 5/8"	36"
8"	4860-F	8 5/8"	60"

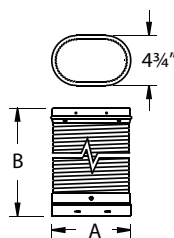
## Oval-To-Oval Heavy Duty Flex Pipe



Use through damper and smoke shelf area. Built-in fittings. Use with DuraLiner Two-Ply Insulation Sleeve, where flex extends into clay liner, for zero clearance applications. Oval-to-Oval Flex pipe built from .016", 304 stainless steel, 4-ply construction.

SIZE	STOCK #	A	B
6"	6DLO-36F	7 3/4"	36"
6"	6DLO-60F	7 3/4"	60"

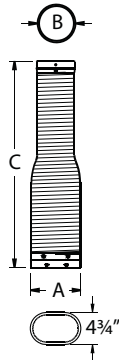
## Oval-To-Oval Flex Pipe



Use through damper and smoke shelf area. Use with DuraLiner Two-Ply Insulation Sleeve, where flex extends into clay liner, for zero-clearance applications. Built from 1-ply construction, .005" 304 stainless steel.

SIZE	STOCK #	A	B
6"	4636-OF	7 3/4"	36"
6"	4660-OF	7 3/4"	60"
8"	4836-OF	10 3/4"	36"
8"	4860-OF	10 3/4"	60"

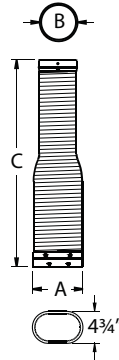
### Oval-To-Round Heavy Duty Flex Pipe



Use through damper and smoke shelf area. Use to connect from round stove outlet to oval DuraLiner. Use with DuraLiner Two-Ply Insulation Sleeve, where flex extends into clay liner, for zero clearance applications. Built from .016", 304 stainless steel, 4-ply construction.

SIZE	STOCK #	A	B	C
6"	6DLO-36FR	7 3/4"	6 5/8"	36"
6"	6DLO-60FR	7 3/4"	6 5/8"	60"

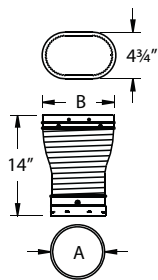
### Oval-To-Round Flex Pipe



Use through damper and smoke shelf area. Use to connect from oval stove outlet to round DuraLiner. Use with DuraLiner Two-Ply Insulation Sleeve, where flex extends into clay liner, for zero-clearance applications. Built from 1-ply construction, .005" 304 stainless steel.

SIZE	STOCK #	A	B	C
6"	4636-OR	7 3/4"	6 5/8"	36"
6"	4660-OR	7 3/4"	6 5/8"	60"
8"	4836-OR	10 3/4"	8 5/8"	36"
8"	4860-OR	10 3/4"	8 5/8"	60"

### Round-To-Oval Flex Pipe

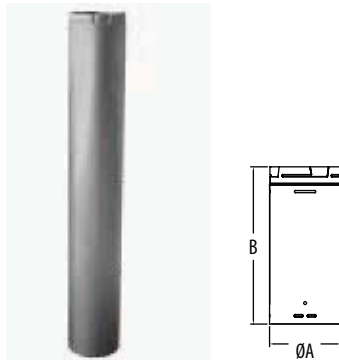


Use to connect a round stove outlet to oval DuraLiner. Use with DuraLiner Two-Ply Insulation Sleeve, where flex extends into clay liner, for zero-clearance applications. Built from 304 stainless steel.

SIZE	STOCK #	A	B
6"	4614-RO	6 5/8"	7 3/4"
8"	4814-RO	8 5/8"	10 3/4"



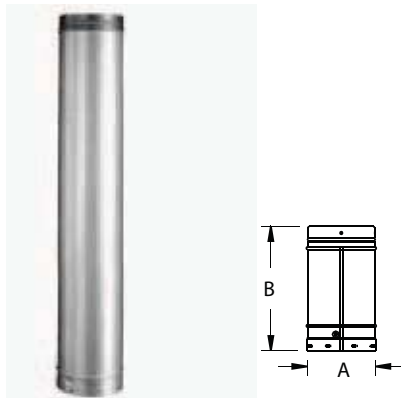
## Round Rigid Pipe - 5"



Use to reline masonry chimney with 0/0 clearance. Factory-insulated. Twist-lock fittings and pre-drilled hole (one screw required). UL Listed for zero clearance between masonry and combustibles, plus zero clearance between liner and masonry. 304 stainless steel inner and aluminized steel outer.

SIZE	STOCK #	A	B
5"	5DLR-12	5 5/8"	12"
5"	5DLR-24	5 5/8"	24"
5"	5DLR-36	5 5/8"	36"
5"	5DLR-48	5 5/8"	48"

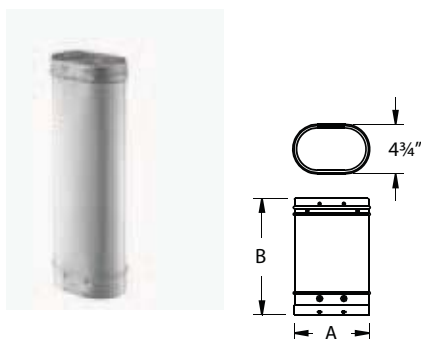
## Round Rigid Pipe



Use to reline masonry chimney with 0/0 clearance. Available in round 6" and 8" diameters in 12", 24", 36", and 48" lengths. Factory-insulated. Built-in, pre-drilled fittings for riveting joints. 304 stainless steel inner and aluminized steel outer.

SIZE	STOCK #	A	B
6"	4612	6 5/8"	12"
6"	4624	6 5/8"	24"
6"	4636	6 5/8"	36"
6"	4648	6 5/8"	48"
8"	4812	8 5/8"	12"
8"	4824	8 5/8"	24"
8"	4836	8 5/8"	36"
8"	4848	8 5/8"	48"

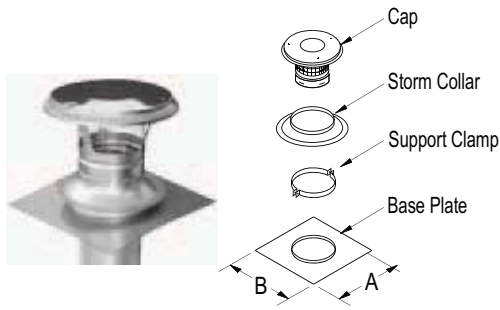
## Oval Rigid Pipe



Use to reline masonry chimney with 0/0 clearance. Available in oval 6" and 8" diameters; 12", 24", 36", and 48" lengths. Factory-insulated. Built-in, pre-drilled fittings for riveting joints. 304 stainless steel inner and aluminized steel outer.

SIZE	STOCK #	A	B
6"	4612-OP	7 3/4"	12"
6"	4624-OP	7 3/4"	24"
6"	4636-OP	7 3/4"	36"
6"	4648-OP	7 3/4"	48"
8"	4812-OP	10 3/4"	12"
8"	4824-OP	10 3/4"	24"
8"	4836-OP	10 3/4"	36"
8"	4848-OP	10 3/4"	48"

### Twist-Lock Cap Kit

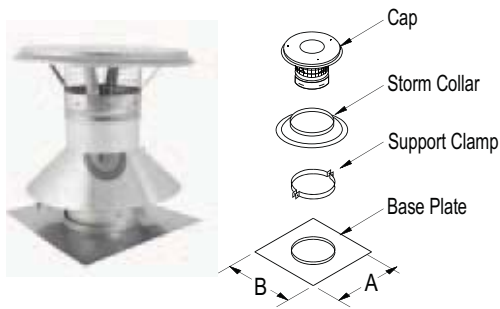


Use to terminate DuraLiner at the top of the masonry chimney. Pipe not included.

Kit includes Base Plate, Support Clamp, Storm Collar, and Cap.

SIZE	STOCK #	A	B
5"	5DLR-KVA	13"	13"
5"	5DLR-KVB	13"	18"

### Extend-A-Cap Kit **\*updated drawing\***

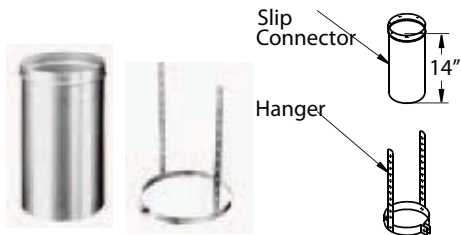


Use to terminate DuraLiner at the top of the masonry chimney.

Kit includes: Base Plate, Support Clamp, Storm Collar, and Cap. Pipe not included. Available in oval (O).

SIZE	STOCK #	A	B
6"	4685	13"	13"
6"	4686	13"	18"
6"	4688-0	13"	20"
6"	4687-0	10"	22"
8"	4885	13"	13"
8"	4886	13"	18"
8"	4886-0	13"	20"
8"	4885-0	10"	22"

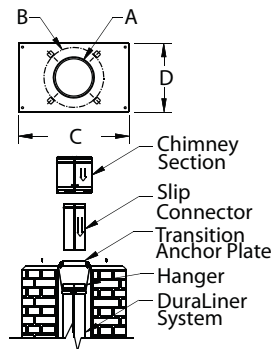
### Slip Connector and Hanger



Use with Transition Anchor Plate to connect DuraLiner to DuraTech, DuraPlus, or DuraPlus HTC chimney.

SIZE	STOCK #
6"	4671
8"	4871

## Transition Anchor Plate



Use with Slip Connector and Hanger in chimney restoration to connect DuraLiner pipe to DuraTech, DuraPlus, or DuraPlus HTC Chimney. Painted black. Pricing for Transition Anchor Plates are listed under DuraTech, DuraPlus, and DuraPlus HTC.

\*For DuraPlus HTC add "C" at beginning of stock # (ex: C9040A).

DURAPLUS & DURAPLUS HTC*					
SIZE	STOCK #	A	B	C	D
6"	9040A	6 1/16"	10 3/8"	17"	14"
6"	9040B	6 1/16"	10 3/8"	17"	17"
6"	9040C	6 1/16"	10 3/8"	21"	13"
6"	9040D	6 1/16"	10 3/8"	21"	17"
8"	9240A	8 1/16"	12 3/8"	17"	14"
8"	9240B	8 1/16"	12 3/8"	17"	17"
8"	9240C	8 1/16"	12 3/8"	21"	13"
8"	9240D	8 1/16"	12 3/8"	21"	17"
DURATECH					
SIZE	STOCK #	A	B	C	D
6"	9440A	6 1/16"	8 3/16"	17"	14"
6"	9440B	6 1/16"	8 3/16"	17"	17"
6"	9440C	6 1/16"	8 3/16"	21"	13"
6"	9440D	6 1/16"	8 3/16"	21"	17"
8"	9640A	8 1/16"	10 3/16"	17"	14"
8"	9640B	8 1/16"	10 3/16"	17"	17"
8"	9640C	8 1/16"	10 3/16"	21"	13"
8"	9640D	8 1/16"	10 3/16"	21"	17"

# Insulation

## Two-Ply Insulation Sleeve



Use to insulate DuraLiner round and oval flex lengths if they enter the first clay flue tile of the chimney to meet UL 1777 standards. Meets zero-clearance requirements. Features high-temperature blanket insulation with an abrasion resistant fabric cover. Use with Insulation Clamp.

SIZE	STOCK #
6"	7102-ZC
8"	7104-ZC

## Insulation Clamp



Fits round or oval DuraLiner flex pipe 5" to 8". Toggle action provides fast, secure fit.

SIZE	STOCK #
5"-8"	4910

## ProFoil <sup>\*updated offering\*</sup>



Use as insulator for stainless steel liners in masonry chimneys. UL Listed insulation. Size is based on vent diameter.

Required to insulate stainless steel liner to meet UL 1777 when proper clearances to chimney and framing are not available. 1" clearance from SS liner to interior wall of the masonry chimney and 1" clearance from the masonry to the house framing are required in order to meet UL 1777. If you do not have either of these clearances then a 1/2" wrap is required. If these two clearances are available then no insulation is needed. AluFoil Tape and ProMesh required.

SIZE	FITS Ø	THICKNESS	STOCK #
22"x25'	5"-6"	1/2"	020710
29"x25'	8"	1/2"	020715

## AluFoil Tape



Use to seal seams of ProFoil insulation. 2 mil aluminum foil tape has strength and adhesion.

SIZE	STOCK #
3" x 150'	020921

## ProMesh



Use to protect the ProFoil during installation. 304 stainless steel mesh slides over insulated liner. Shrinks to fit liner when pulled lengthwise.

SIZE	STOCK #	LENGTH
SM 3"-6"Ø	020901	50'
LG 7"-9"Ø	020903	50'
XLG 10"-12"Ø	020905	50'

# What makes us different from the rest?

DuraLiner: The only factory-insulated, zero clearance product protecting masonry chimneys from damaging flue gas.

Factory insulated double-wall

Smooth inner means less creosote buildup

Constructed with built-in fittings and pre-drilled holes for quicker installations

Ideal for restoring masonry chimneys

Round 5" DuraLiner rigid pipe is constructed with built-in twist-lock

Limited Lifetime Warranty

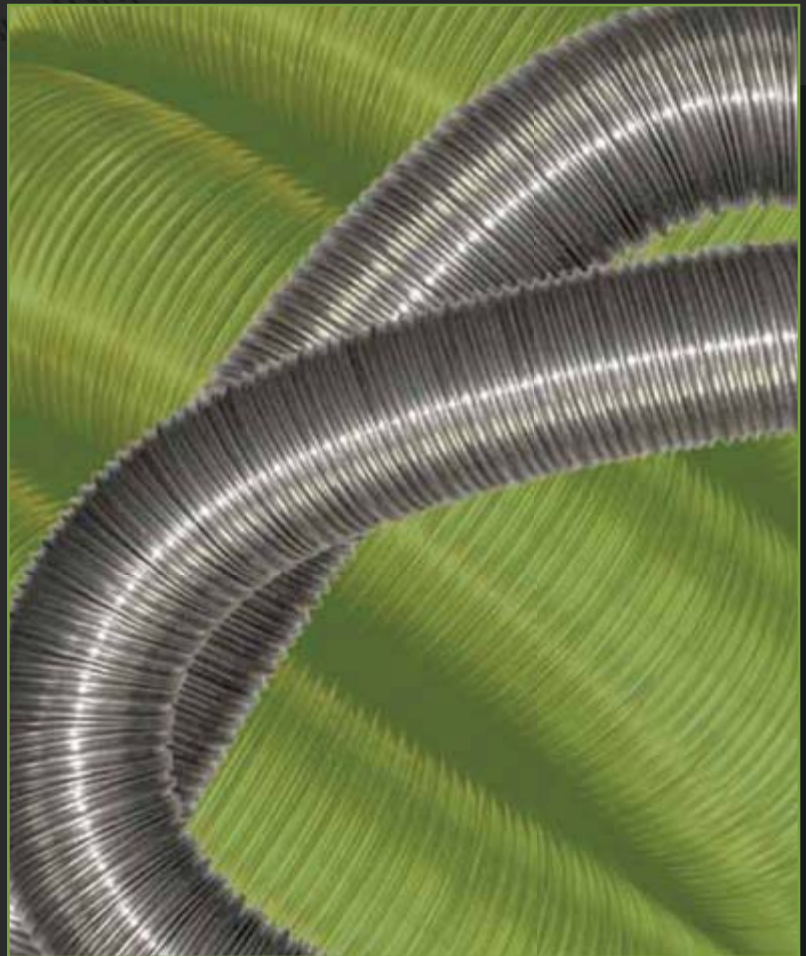
Engineered Excellence®



**Ventinox®**

**Welded, flexible relining for  
masonry chimney.**

**UL 1777 and ULC S635.**



## Specifications

### Applications

VFT flexible liners are used for upgrading or restoring masonry chimneys that vent Category I natural gas, propane or oil appliances, wood or pellet stoves, fireplaces and fireplace inserts.

VG flexible liners are top performers when used to line masonry chimneys venting Category I gas-fired boilers, furnaces, space and water heaters.

### Materials and Construction

VFT Single-wall, .006" 316 stainless steel. Continuous weld delivers a strong, air and water tight flue gas conduit.

VG Single-wall, .006" super-ferritic stainless steel. Continuous weld construction.

### Clearances

VFT 0" clearance to masonry chimney for oil and gas. With TherMix or ProFoil insulation 0" clearance for solid fuels.

VG 0" clearance to masonry for gas appliances.

### Diameters

3"-12"

### Listings

UL Listed to UL 1777 and ULC S635 (MH11476).



## UL 1777 and ULC S635 Systems

### Ventinox

Ventinox VFT, made from 316Ti stainless steel, can withstand high temperatures associated with solid fuel fired heaters, as well as the corrosive environments typical in gas or oil vents. Tested and listed for all-fuel, and can also be used for wood, gas, or oil-fired equipment.

Ventinox VG is the ultimate choice for venting gas fired appliances, where highly corrosive condensate formation (hydrochloric acid) within the flue is likely. The super-ferritic alloy exhibits extreme resistance to chloride pitting, crevice, and stress corrosion and cracking.

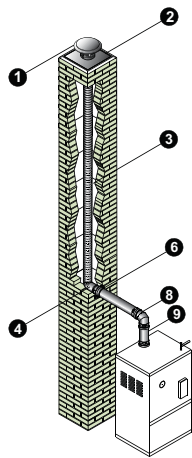
Ventinox components are made from either 316SS (VFT) or super-ferritic stainless steel (VG). Components feature an integral locking band, avoiding the use of pop rivets. Liners and components provide a penetration free top to bottom connection.

When venting solid fuel heaters, Ventinox VFT must be insulated with either TherMix or ProFoil blankets to meet UL 1777 requirements. For all other applications, insulation is highly recommended for increased efficiency and draft performance. See the end of the DuraFlex SS for the insulation section to find information on our offering: TherMix, ProFoil, AluFoil Tape and ProMesh.

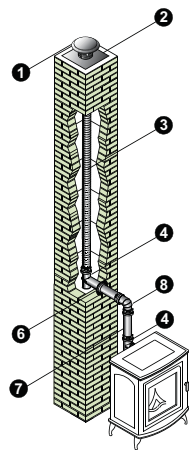




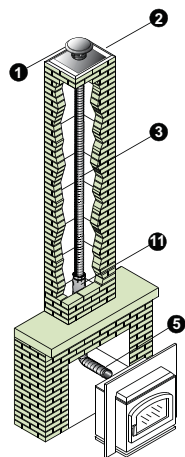
## Typical Installations



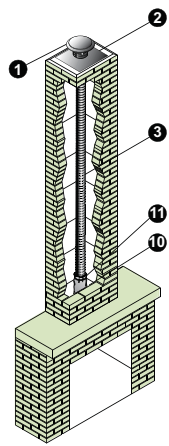
Gas Furnace



Gas Stove



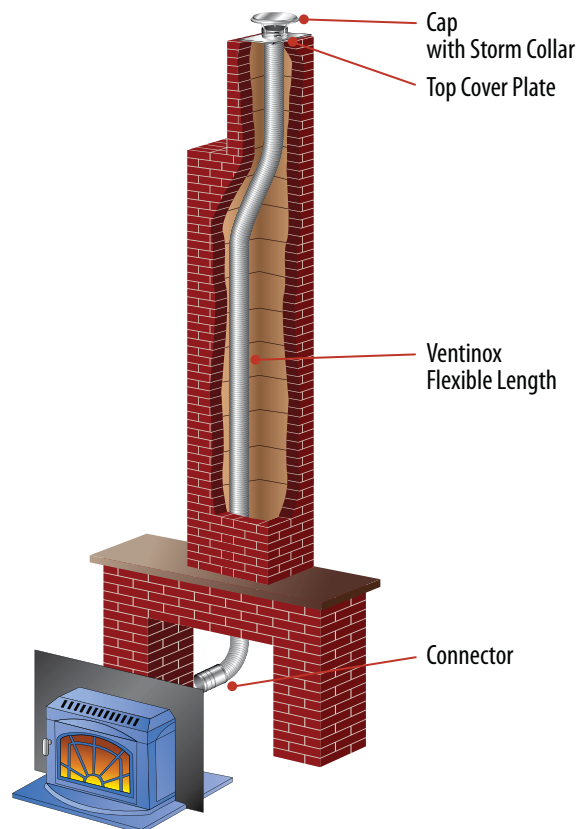
Fireplace Insert



Open Fireplace

Installation Key	
1	Rain Cap w/ Storm Collar
2	Top Cover Plate
3	Flex Length
4	Tee with Removeable Snout
5	Sleeve
6	FasNSeal Wall Thimble or DuraFlex Wall Thimble
7	Rigid Type B Gas Vent or Rigid Pipe Length
8	Adjustable Elbow
9	FasNSeal Universal Appliance Adapter or DuraFlex Appliance Adapter
10	Bottom Plate w/ Collar
11	ProFoil w/ProMesh or Thermix

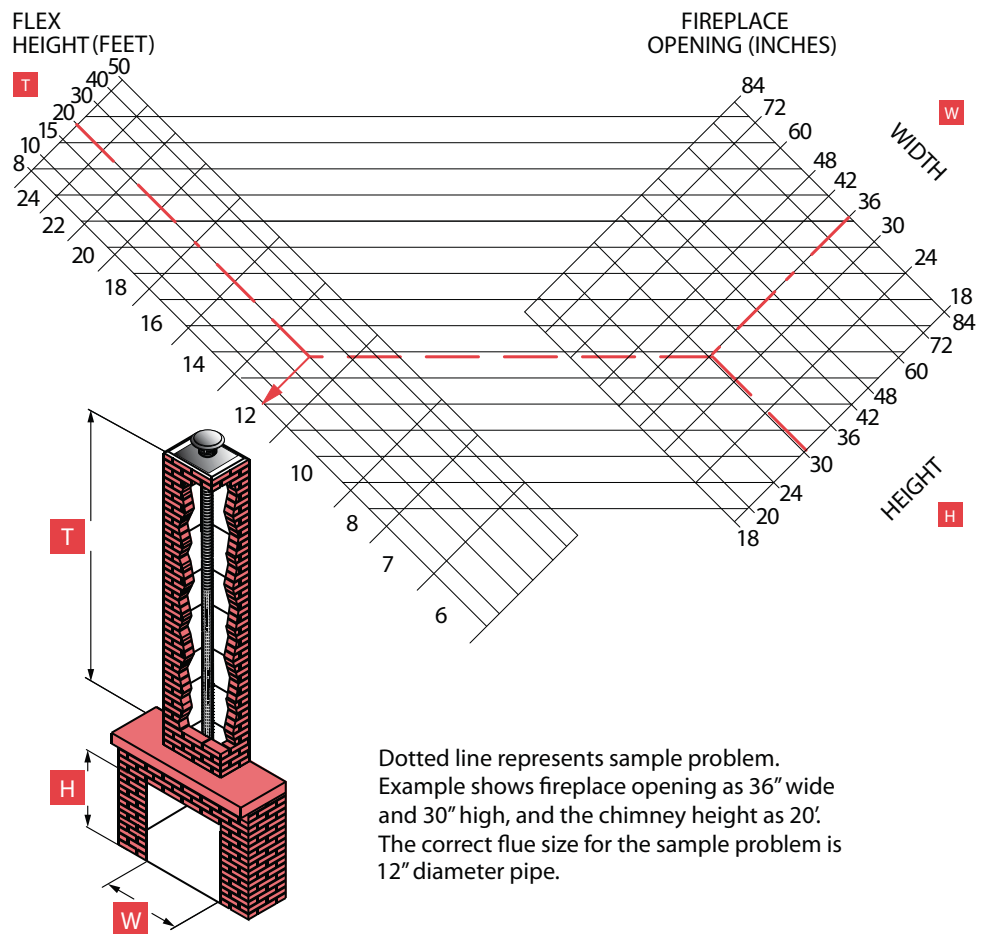
Refer to our Typical Venting Installation drawings to select the appropriate component parts for your installation.



## Planning Your Installation

1	Verify the venting requirements of the appliance used. Choose the liner system appropriate for the appliance and installation. Note: VFT is recommended for all fuels and VG is the best choice for gas.
2	Refer to the Typical Installations for the type of liner installation similar to your situation. Identify the needed parts for installation.
3	Venting for a fireplace requires the correct liner size for proper drafting. The size of the liner should match the outlet size on the appliance.
4	Determined the length of the liner needed.
5	If connecting two or more appliances to a common vent, be sure to connect the higher BTU appliance below the lower BTU appliance.
6	Make sure of a proper fit for the top plate of the relining to provide a secure, leak-proof installation.
7	If a free standing appliance is used, select the vent or stovepipe pieces to connect from the appliance to the liner (refer to the appropriate Simpson Dura-Vent Catalog Section).
8	Important! Check to be sure the installation complies with all local and national code requirements, including clearances to combustibles. Contact the local building inspector for permit requirements.

## Sizing Chart For Fireplace Installations



## Ventinox® Kits

### Ventinox VFT Kit w/out Tee



Includes Ventinox VFT Liner, Top Plate, and Rain Cap with Storm Collar. Choose diameter and length needed.

SIZE	LENGTH	ORDER #	SIZE	LENGTH	ORDER #
3"	25'	3VFT-25K	3"	35'	3VFT-35K
4"	25'	4VFT-25K	4"	35'	4VFT-35K
5"	25'	5VFT-25K	5"	35'	5VFT-35K
5 1/2"	25'	55VFT-25K	5 1/2"	35'	55VFT-35K
6"	25'	6VFT-25K	6"	35'	6VFT-35K
7"	25'	7VFT-25K	7"	35'	7VFT-35K
8"	25'	8VFT-25K	8"	35'	8VFT-35K

### Ventinox VFT Kit w/ Tee



Includes Ventinox VFT Liner, Top Plate, Rain Cap with Storm Collar, Tee with Removable Snout, and Tee Cap. Choose diameter and length needed.

SIZE	LENGTH	ORDER #	SIZE	LENGTH	ORDER #
3"	25'	3VFT-25KT	3"	35'	3VFT-35KT
4"	25'	4VFT-25KT	4"	35'	4VFT-35KT
5"	25'	5VFT-25KT	5"	35'	5VFT-35KT
5 1/2"	25'	55VFT-25KT	5 1/2"	35'	55VFT-35KT
6"	25'	6VFT-25KT	6"	35'	6VFT-35KT
7"	25'	7VFT-25KT	7"	35'	7VFT-35KT
8"	25'	8VFT-25KT	8"	35'	8VFT-35KT

# Ventinox® VFT & VG

## Ventinox VFT Extensions



Use as an economical solution to add a few extra feet when needed to complete a run. Available in 5' and 10' lengths.

SIZE	LENGTH	ORDER #	SIZE	LENGTH	ORDER #
3"	5'	3VFT-EXT5	3"	10'	3VFT-EXT10
4"	5'	4VFT-EXT5	4"	10'	4VFT-EXT10
5"	5'	5VFT-EXT5	5"	10'	5VFT-EXT10
5 1/2"	5'	55VFT-EXT5	5 1/2"	10'	55VFT-EXT10
6"	5'	6VFT-EXT5	6"	10'	6VFT-EXT10
7"	5'	7VFT-EXT5	7"	10'	7VFT-EXT10
8"	5'	8VFT-EXT5	8"	10'	8VFT-EXT10

## Ventinox VFT



Used for upgrading or restoring masonry chimneys that vent Category I natural gas, propane or oil appliances, wood or pellet stoves, fireplaces and fireplace inserts. Single-wall, .006" 316 Ti (Titanium) stainless steel. Continuous weld delivers a strong, air and water tight flue gas conduit. Custom lengths available using XX stock#'s. (e.g.: For a 9" diameter, 40' length stock# would be QTY 40 of 9VFT-XX).

SIZE	LENGTH	ORDER #	SIZE	ORDER #
3"	25	3VFT-25B	3"	3VFT-XX
4"	25	4VFT-25B	4"	4VFT-XX
5"	25	5VFT-25B	5"	5VFT-XX
5 1/2"	25	55VFT-25B	5 1/2"	55VFT-XX
6"	25	6VFT-25B	6"	6VFT-XX
7"	25	7VFT-25B	7"	7VFT-XX
8"	25	8VFT-25B	8"	8VFT-XX
3"	35	3VFT-35B	9"	9VFT-XX
4"	35	4VFT-35B	10"	10VFT-XX
5"	35	5VFT-35B	11"	11VFT-XX
5 1/2"	35	55VFT-35B	12"	12VFT-XX
6"	35	6VFT-35B		
7"	35	7VFT-35B		
8"	35	8VFT-25B		

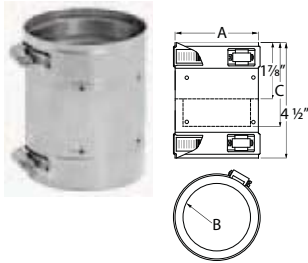
## Ventinox VG



Used to line masonry chimneys venting Category I, natural gas, propane, furnaces, space and water heaters. Single-wall, .006" super-ferritic stainless steel. Continuous weld construction. Custom lengths available using XX stock#'s. (e.g.: For a 7" diameter, 40' length stock# would be QTY 40 of 7VG-XX). 10", 11", & 12" VG liners are only available in 10' and 20' lengths.

SIZE	ORDER #	SIZE	ORDER #
3"	3VG-XX	8"	8VG-XX
4"	4VG-XX	9"	9VG-XX
5"	5VG-XX	10"	10VG-XX
6"	6VG-XX	11"	11VG-XX
7"	7VG-XX	12"	12VG-XX

## Coupler



Use as a drip free connection between two sections of liner.

SIZE	VFT ORDER #	VG ORDER #	A	B	C
3"	3CP-316	3CP-294	3 3/8"	3"	3 1/2"
4"	4CP-316	4CP-294	4 3/8"	3 3/4"	3 1/2"
5"	5CP-316	5CP-294	5 3/8"	4 3/4"	3 1/2"
5 1/2"	55CP-316	--	5 3/4"	4 7/8"	3 1/2"
6"	6CP-316	6CP-294	6 5/12"	5 4/5"	3 1/2"
7"	7CP-316	7CP-294	7 1/2"	6 9/10"	3 1/2"
8"	8CP-316	8CP-294	8 5/12"	7 4/5"	3 1/2"
9"	9CP-316	9CP-294	9 3/8"	8 3/4"	3 5/8"
10"	10CP-316	10CP-294	10 3/8"	9 3/4"	3 5/8"
11"	11CP-316	11CP-294	11 1/2"	10 7/8"	3 5/8"
12"	12CP-316	12CP-294	12 3/10"	11 11/16"	3 5/8"

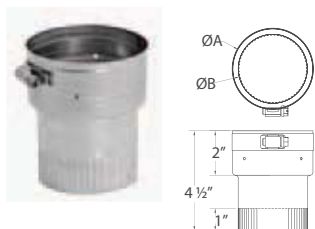
## 4" Ventinox Short Body Tee w/ 3" Branch **\*updated part\***



Used to connect flue to pellet insert. Use as a 90° transition between liner and connector pipe at the wall thimble or rear flue outlet of a pellet appliance. Transition from 3" PelletVent to 4" Ventinox Chimney Liner. Tee is 9" tall. Comes with Clean Out Cap.

SIZE	ORDER #
4"	4VFT3B

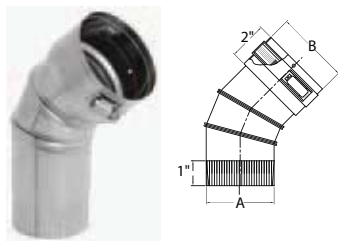
### Sleeve



Use to connect a liner into an appliance flue collar.

SIZE	VFT ORDER #	VG ORDER #	A	B
3"	3SL-316	3SL-294	3 1/3"	3"
4"	4SL-316	4SL-294	4 1/3"	4"
5"	5SL-316	5SL-294	5 1/3"	5"
5 1/2"	55SL-316	--	5 3/4"	6"
6"	6SL-316	6SL-294	6 1/3"	6"
7"	7SL-316	7SL-294	7 1/2"	7"
8"	8SL-316	8SL-294	8 3/10"	8"
9'	9SL-316	9SL-294	9 3/10"	9"
10"	10SL-316	10SL-294	10 3/10"	10"
11"	11SL-316	11SL-294	11 1/2"	11"
12"	12SL-316	12SL-294	12 1/4"	12"

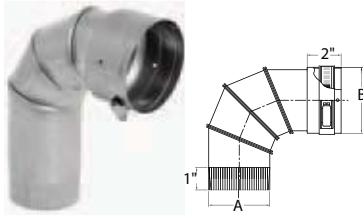
### 45° Adjustable Elbow



Use as a straight or up to 45° connection between liner and appliance flue collar.

SIZE	VFT ORDER #	VG ORDER #	A	B
3"	3EL-45-316	3EL-45-294	3"	3 1/3"
4"	4EL-45-316	4EL-45-294	4"	4 1/3"
5"	5EL-45-316	5EL-45-294	5"	5 1/3"
5 1/2"	55EL-45-316	--	6"	5 3/4"
6"	6EL-45-316	6EL-45-294	6"	6 1/3"
7"	7EL-45-316	7EL-45-294	7"	7 1/2"
8"	8EL-45-316	8EL-45-294	8"	8 3/10"
9'	9EL-45-316	9EL-45-294	9"	9 3/10"
10"	10EL-45-316	10EL-45-294	10"	10 3/10"
11"	11EL-45-316	11EL-45-294	11"	11 1/2"
12"	12EL-45-316	12EL-45-294	12"	12 1/4"

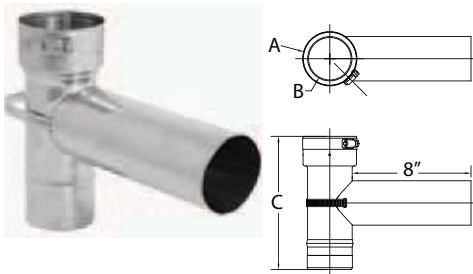
## 90° Adjustable Elbow



Use as a straight or up to 90° connection between liner and appliance flue collar.

SIZE	VFT ORDER #	VG ORDER #	A	B
3"	3EL-90-316	3EL-90-294	3"	3 1/8"
4"	4EL-90-316	4EL-90-294	4"	4 1/8"
5"	5EL-90-316	5EL-90-294	5"	5 1/8"
5 1/2"	55EL-90-316	--	6"	5 3/4"
6"	6EL-90-316	6EL-90-294	6"	6 1/8"
7"	7EL-90-316	7EL-90-294	7"	7 1/2"
8"	8EL-90-316	8EL-90-294	8"	8 3/16"
9"	9EL-90-316	9EL-90-294	9"	9 3/16"
10"	10EL-90-316	10EL-90-294	10"	10 3/16"
11"	11EL-90-316	11EL-90-294	11"	11 1/2"
12"	12EL-90-316	12EL-90-294	12"	12 1/4"

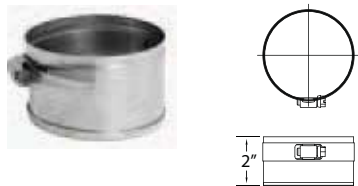
## Tee w/ Removable Snout



Use as a 90° transition between liner and connector pipe at the wall thimble or rear flue outlet of a heater. Removable Snout with internal draw band allows for easier, through the wall thimble installation.

SIZE	VFT ORDER #	VG ORDER #	A	B	C
3"	3TE-316	3TE-294	3 3/8"	3"	9"
4"	4TE-316	4TE-294	4 3/8"	4"	10"
5"	5TE-316	5TE-294	5 3/8"	5 1/4"	10 1/2"
5 1/2"	55TE-316	--	5 3/4"	5 5/8"	12"
6"	6TE-316	6TE-294	6 3/8"	6 3/8"	12"
7"	7TE-316	7TE-294	7 9/16"	7 7/8"	13 1/2"
8"	8TE-316	8TE-294	8 1/3"	8 1/5"	14 1/2"
9"	9TE-316	9TE-294	9 1/3"	9 1/5"	15 1/2"
10"	10TE-316	10TE-294	10 3/16"	10 1/5"	16 1/2"
11"	11TE-316	11TE-294	11 1/2"	11"	17 1/2"
12"	12TE-316	12TE-294	12 1/4"	12"	18"

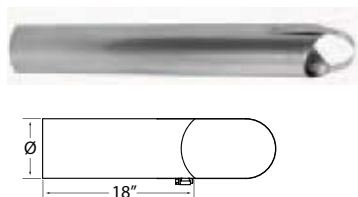
### Tee Cover



Attach to bottom of tee body. Provides access for cleaning.

SIZE	VFT ORDER #	VG ORDER #
3"	3TC-316	3TC-294
4"	4TC-316	4TC-294
5"	5TC-316	5TC-294
5 1/2"	55TC-316	--
6"	6TC-316	6TC-294
7"	7TC-316	7TC-294
8"	8TC-316	8TC-294
9'	9TC-316	9TC-294
10"	10TC-316	10TC-294
11"	11TC-316	11TC-294
12"	12TC-316	12TC-294

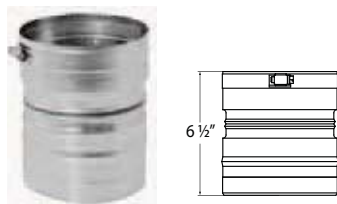
### VFT Long Tee Snout



Use to increase reach through masonry at wall thimble.

SIZE	ORDER #	SIZE	ORDER #
3"	3EX-316	8"	8EX-316
4"	4EX-316	9'	9EX-316
5"	5EX-316	10"	10EX-316
6"	6EX-316	11"	11EX-316
7"	7EX-316	12"	12EX-316

### Swivel Tee Adapter



Use as connector between liner and Tee. Allows tee body to be rotated at wall thimble.

SIZE	ORDER #
5"	5TSW-316
6"	6TSW-316
7"	7TSW-316
8"	8TSW-316



## Rain Cap w/ Storm Collar

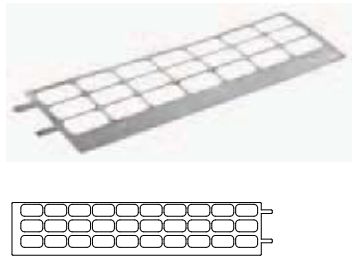
\*updated photo\*



Use to support liner from the top and form a seal between the Storm Collar and the Top Plate. Top is removable for easy access to chimney cleaning. Top photo shows 3"-8" diameter style, bottom photo 9"-12" diameters.

SIZE	ORDER #	A	B
3"	3RC	8"	5"
4"	4RC	8"	5"
5"	5RC	11"	6"
5 1/2"	55RC	--	--
6"	6RC	11"	6"
7"	7RC	15"	6"
8"	8RC	15"	6"
9'	9RC	--	6"
10"	10RC	--	6"
11"	11RC	--	6"
12"	12RC	--	6"

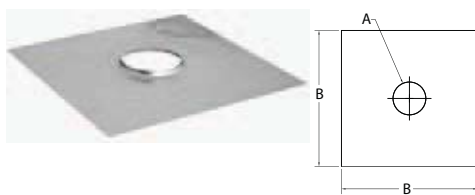
## Bird Screen



Use to add a bird screen to a standard Rain Cap.

SIZE	ORDER #	SIZE	ORDER #
3"	3RCB	8"	8RCB
4"	4RCB	9'	9RCB
5"	5RCB	10"	10RCB
5 1/2"	55RCB	11"	11RCB
6"	6RCB	12"	12RCB
7"	7RCB		

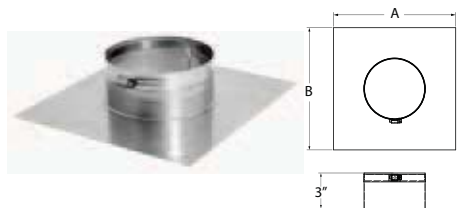
## Top Cover Plate



Use to close the top of a masonry chimney and to provide support for the liner.

SIZE	ORDER #	A	B
3"	3TKP	3 3/16"	13"
4"	4TKP	4 3/16"	13"
5"	5TKP	5 3/16"	13"
5 1/2"	55TKP	5 4/8"	13"
6"	6TKP	6 3/16"	13"
7"	7TKP	7 3/16"	13"
8"	8TKP	8 3/16"	13"
9'	9TKP	9 3/16"	18"
10"	10TKP	10 3/16"	18"
11"	11TKP	11 3/16"	18"
12"	12TKP	12 3/16"	18"

### Bottom Plate w/ Collar



Attach to bottom of liner in the smoke chamber of a fire place, then pull up to form a seal between the liner and clay tile.

SIZE	ORDER #	A x B
6"	6BPC	12" x 13"
7"	7BPC	12" x 13"
8"	8BPC	12" x 13"
9"	9BPC	14" x 16"

### Offset Slide Adapter

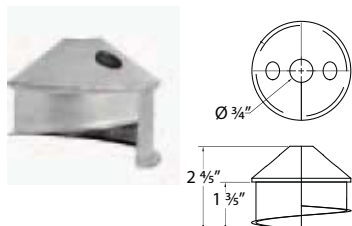
**\*updated description\***



Use as a horizontally adjustable connector between a liner and top flue outlet of a heater. Adds up to 5" of offset.

SIZE	ORDER #	A
6"	6FA	2 3/4"
8"	8FA	3 1/4"

### Installation Cone



Use with a rope to pull liner through offsets in masonry chimney. Twists into liner.

SIZE	ORDER #	SIZE	ORDER #
3"	3IC	8"	8IC
4"	4IC	9"	9IC
5"	5IC	10"	10IC
5 1/2"	55IC	11"	11IC
6"	6IC	12"	12IC
7"	7IC		

### Round-to-Oval Flex Connector



Use to connect round portion of this connector to round liner. Oval portion of connector fits through fireplace dampers.

SIZE	ORDER #
6" x 48"	6RTO-48
6" x 57"	6RTO-57
7" x 57"	7RTO-57
8" x 48"	8RTO-48
8" x 57"	8RTO-57
10" x 57"	10RTO-57

## Oval Flex Connector



Use as a flex connector between the top of a fireplace insert and the bottom of a clay tile. See kits for details.

SIZE	ORDER #	SIZE	ORDER #
6" x 48"	6STO-48	8" x 57"	8STO-57
6" x 57"	6STO-57	9" x 48"	9STO-48
7" x 48"	7STO-48	10" x 48"	10STO-48
7" x 57"	7STO-57	10" x 57"	10STO-57
8" x 48"	8STO-48		

## VG Universal Take-off



Use to connect additional appliances into a common vent.

SIZE	ORDER #
3"	3TO-294
4"	4TO-294
5"	5TO-294
6"	6TO-294

## 3"- 4" Pellet Step Increaser

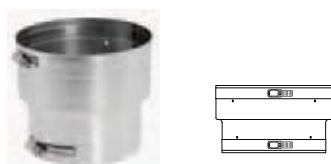
**\*updated part\***



Use to connect 4" diameter Ventinox flex to a 3" diameter pellet insert.

SIZE	ORDER #
4"	4VFTI

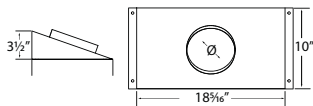
## VG Increaser/Reducer



Use to increase or decrease vent diameters . Additional sizes available through special order.

SIZE	ORDER #
6" - 5"	65IR-294
7" - 8"	78IR-294
9" - 8"	98IR-294
7" - 6"	76IR-294

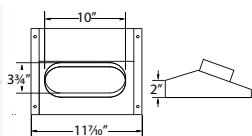
### Round Insert Boot



Use to connect inserts with either rectangular or round flue collars to 6" or 8" liners. Made from 11 gauge carbon steel.

SIZE	ORDER #	STOCK #
6 1/2"	6DCF-R	020518
8 1/2"	8DCF-R	020520

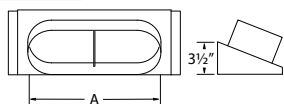
### Oval Insert Boot



Use to connect inserts with 5" to 8" round flue collars to 8" Oval Flex Connectors. Made from 11 gauge carbon steel.

SIZE	ORDER #	STOCK #
8"	DCF-RO	020517

### Oval Adjustable Insert Boot



Use to connect inserts with rectangular flue outlets to Oval Flex Connectors. Top plate can point straight up or back towards the damper. Made from 11 gauge carbon steel.

SIZE	ORDER #	STOCK #	A
8"	8ICO	020483	11"
10"	10ICO	020484	14"

### Round-to-Oval Adapter

**\*updated description\***



Use as a drip-free connection between a oval liner and Round Flex Connector.

SIZE	ORDER #
6" x 6"	66AD
6" x 7"	67AD
6" x 8"	68AD
7" x 8"	78AD
8" x 8"	88AD
8" x 9"	89AD
8" x 10"	810AD
9" x 10"	910AD
10" x 10"	1010AD

## Oval-to-Round Adapter

**\*updated part\***



Use as a drip-free connection between a round liner and Oval Flex Connector.

SIZE	ORDER #
6" x 6"	STA45-6X6
7" x 7"	STA-7X7
6" x 7" 30° ANGLE	STA6X7
6" x 7"	STA-6X7

# Insulation

## TherMix



Use to fill space between a liner and inside masonry chimney. Ready-mix formula cures into lightweight. Semi hard mass that insulates the liner and dissipates the intense heat created in a chimney fire.

\*Use Table 1 to estimate the number of TherMix bags or boxes needed to do the job.

- Find the flue opening that comes closest to the one being lined, the left hand column.
- Find the size of the liner to be installed across the top line.
- Where the values intersect, read the cubic foot volume of Ther-Mix per foot of chimney height.
- Multiply this volume by the height (in feet) of the chimney.
- Divide the cubic feet calculated in the previous step by 3.25. This answer will determine the number of bags/boxes of TherMix needed.

SIZE	STOCK #
BAG	020597
BOX	020600

### Example:

A 28' chimney with a flue opening of 8.5" x 8.5" is to be lined with a 6" liner. As shown in Table 1, .30ft<sup>3</sup> of TherMix is needed per foot of chimney height. Multiply .30 by 28 (the height of the chimney), to get 8.4ft<sup>3</sup>. Now divide 8.4 by 3.25 (the approximate volume yield per bag of TherMix), to obtain 2.6 bags/boxes of TherMix to complete the installation.

\*Masonry chimneys are not uniform structures. Have extra bags/boxes available in case you need them. If there is an installation not covered by table 1, refer to the formula below:

$$\text{Packages of TherMix} = \frac{(W \times D \times H) - (CS \times H)}{1728 \text{ cu. in.}} \div 3.25$$

- W = Width of flue opening (in inches)
- D = Depth of flue opening (in inches)
- H = Height of flue (in inches)
- CS = Cross Section areas of chimney liner (table 2)

TABLE 1: THERMIX VOLUME PER ONE FOOT OF CHIMNEY HEIGHT						
Flue Opening	Diameter of Liner					
	5"	6"	7"	8"	10"	12"
7.5" x 7.5"	.25	.20	--	--	--	--
7.5" x 11.5"	.46	.40	(Ovalized) .38	(Ovalized) .32	--	--
8.5" x 8.5"	.36	.30	.23	--	--	--
8.5" x 11.5"	.54	.48	.41	(Ovalized) .36	(Ovalized) .33	--
9.5" x 9.5"	.49	.43	.36	.27	--	--
11.5" x 11.5"	.78	.72	.65	.60	.37	--
11.5" x 16.5"	1.18	1.12	1.05	.96	.77	--
12.5" x 12.5"	.95	.88	.82	.73	.53	--
14.5" x 14.5"	1.30	1.26	1.20	1.10	.92	.65
14.5" x 18.5"	1.70	1.66	1.60	1.50	1.30	1.04

TABLE 2: CROSS SECTION AREA OF LINER				
Liner Size	CS Area	Oval Liner Size	Oval Dimensions	CS Area
Round 5"	19.62in <sup>2</sup>			
Round 6"	28.46in <sup>2</sup>	Oval 6"	(4.2" x 7.2")	24.60in <sup>2</sup>
Round 7"	38.46in <sup>2</sup>	Oval 7"	(4.2" x 9.1")	32.20in <sup>2</sup>
Round 8"	50.25in <sup>2</sup>	Oval 8"	(4.2" x 10.3")	37.20in <sup>2</sup>
Round 9"	62.50in <sup>2</sup>			
Round 10"	78.50in <sup>2</sup>	Oval 10"	(4.2" x 13.3")	49.50in <sup>2</sup>
Round 12"	113.22in <sup>2</sup>			

## ProFoil <sup>\*updated offering\*</sup>



Use as insulator for stainless steel liners in masonry chimneys. UL Listed insulation. Size is based on vent diameter.

Required to insulate stainless steel liner to meet UL 1777 when proper clearances to chimney and framing are not available. 1" clearance from SS liner to interior wall of the masonry chimney and 1" clearance from the masonry to the house framing are required in order to meet UL 1777. If you do not have either of these clearances then a ½" wrap is required. If these two clearances are available then no insulation is needed. AluFoil Tape and ProMesh required.

SIZE	FITS Ø	THICKNESS	STOCK #	DOUBLE WRAPPING 1/4" PROFOIL		
22"x25'	5"-6"	½"	020710	ProFoil Size	Single Wrap Liner Size	Double Wrap Liner Size
24"x25'	7"	½"	020713	22"x 25"	3"-6"	3"-5"
29"x25'	8"	½"	020715	24"x 25"	7"	6"
48"x25'	9"-12"	½"	020717	29"x 25"	8"	7"-8"
				48"x 25"	9"-12"	9"-12"

## AluFoil Tape



Use to seal seams of ProFoil insulation. 2 mil aluminum foil tape has strength and adhesion.

SIZE	STOCK #
3" x 150'	020921

## ProMesh

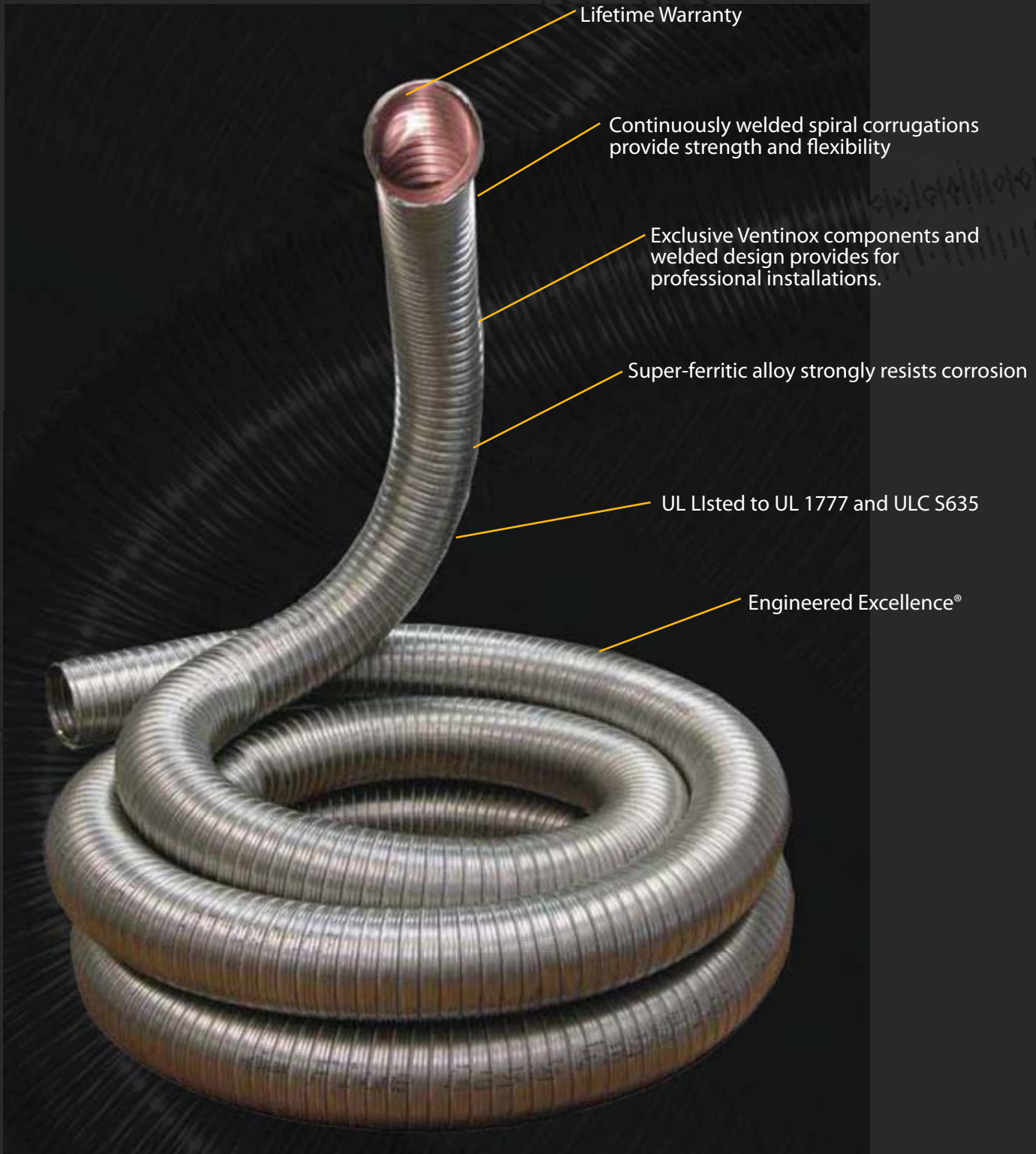


Use to protect the ProFoil during installation. 304 stainless steel mesh slides over insulated liner. Shrinks to fit liner when pulled length-wise.

SIZE	STOCK #	LENGTH
SM 3"-6"Ø	020901	50'
LG 7"-9"Ø	020903	50'
XLG 10"-12"Ø	020905	50'

# What makes us different from the rest?

Ventinox: The optimum in safety and performance for flexible lining.





**DuraFlex®**

**Flexible stainless steel relining  
for masonry chimney.**

**UL 1777 and ULC S635.**



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## Specifications

### DuraFlex SW

#### Applications

**DuraFlex SW** smooth wall flexible relining for masonry chimney. Use with gas, wood pellet, oil, or wood appliances. Applications include: fireplace inserts, furnaces, boilers, and water heaters.

#### Materials and Construction

Single-wall .005" overlapped 316 stainless steel (totalling .010"). Overlapped to create smooth inner wall.

#### Clearances

0" clearance for gas, oil, and pellet applications. 1" clearance to masonry for wood-burning applications. Insulation is required for 0" clearance to masonry for wood-burning.

#### Diameters

3"-12".

#### Listings

Listed to UL 1777 and ULC S635 (MH45609).

## UL 1777 and ULC S635 Systems

### DuraFlex SW

DuraFlex SW is a smooth inner-wall, flexible stainless steel chimney liner. The smooth inner wall provides for no output reduction allowing for full appliance efficiency. Smooth wall construction eliminates ridges that restrict flue gas flow and collect deposits. The lack of ridges facilitates cleaning and maintenance. DuraFlex SW is ideal for relining masonry chimney for wood and gas burning appliances. Listed to UL 1777 and ULC S635.

### DuraFlex Pro

DuraFlex Pro is the ultimate in flexible steel liners for strength and flexibility. It features 20% more stainless steel per foot compared to other liners on the market. Its extreme flexibility facilitates problem free installations where multiple offsets are needed. DuraFlex Pro is available in 3" through 12" diameters in lengths, kits and custom lengths. DuraFlex Pro is manufactured utilizing highly corrosion resistant 316 Stainless Steel. Listed to UL 1777 and ULC S635.

### DuraFlex 316 & 304

DuraFlex 304 and 316 are lighter, more economical liners. Excellent when there are minimal offsets in the chimney. DuraFlex 304SS and 316SS are intended for wood burning, non-condensing gas and oil fired appliances. Where greater corrosion resistance is desired, such as coal-fired appliances, DuraFlex 316 is recommended. DuraFlex 304SS and 316SS are listed to UL 1777 and ULC S635.

## A flexible solution for any installation.

Having a choice when making a decision is important. DuraVent offers the installer a range of products to make the right decision for the right situation. There are four different DuraFlex liners, and a complete selection of DuraFlex universal components. No matter which flex is right for the situation, there's a DuraVent component to complete the venting system.

## Customize the flex you need.

All DuraFlex is available for orders requiring custom lengths (minimum 10' length). DuraFlex Pro and DuraFlex SW also offer 9"-12" diameters when ordered in custom lengths. (minimum 10' length). Use Ventinox components for all 9"-12" flex systems.

## Insulation for Flex

All DuraFlex products must be insulated to meet UL 1777 requirements. See the end of the DuraFlex SS for the insulation section to find information on our offering: TherMix, ProFoil, AluFoil Tape, and ProMesh.



## Specifications

### DuraFlex Pro

#### Applications

**DuraFlex Pro** ultra flexible relining for masonry chimney. Use with gas, wood pellet, oil, or wood appliances. Applications include: fireplace inserts, furnaces, boilers, and water heaters.

#### Materials and Construction

Single-wall .005" 316 stainless steel.

#### Clearances

0" clearance for gas, oil, and pellet applications. 1" clearance to masonry for wood-burning applications. Insulation is required for 0" clearance to masonry for wood-burning.

#### Diameters

3"-12".

#### Listings

Listed to UL 1777 and ULC S635 (MH45609).



## Specifications

### DuraFlex 316 & 304

#### Applications

**DuraFlex 316** flexible relining for masonry chimney. Use with gas, wood pellet, oil, or wood appliance. Applications include: fireplace inserts, furnaces, boilers, and water heaters. 316 is designed for use in harsher conditions, for more resistance to corrosion, such as coal.

#### DuraFlex 304

flexible relining for masonry chimney. Use with gas, wood pellet, oil, or wood appliances. Applications include: fireplace inserts, furnaces, boilers, and water heaters.

#### Materials and Construction

Single-wall .005" 316 or 304 stainless steel.

#### Clearances

0" clearance for gas, oil, and pellet applications. 1" clearance to masonry for wood-burning applications. Insulation is required for 0" clearance to masonry for wood-burning.

#### Diameters

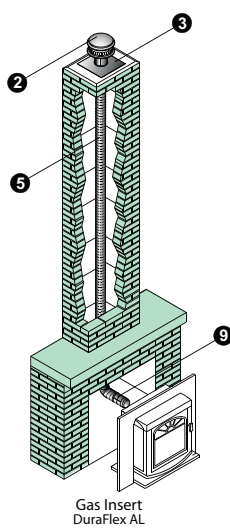
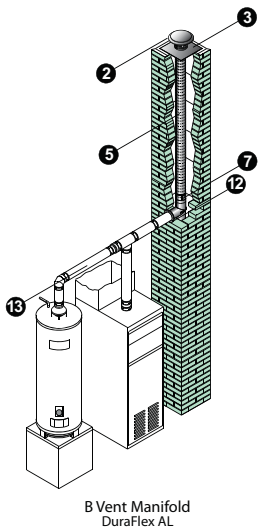
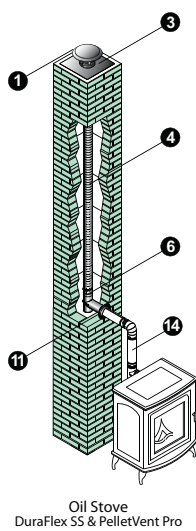
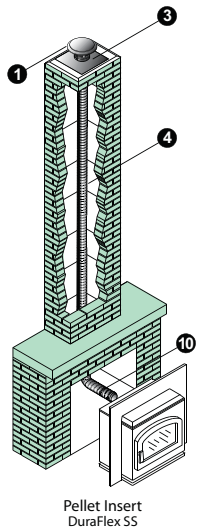
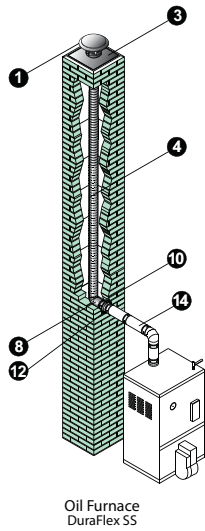
3"-8".

#### Listings

Listed to UL 1777 and ULC S635 (MH45609).



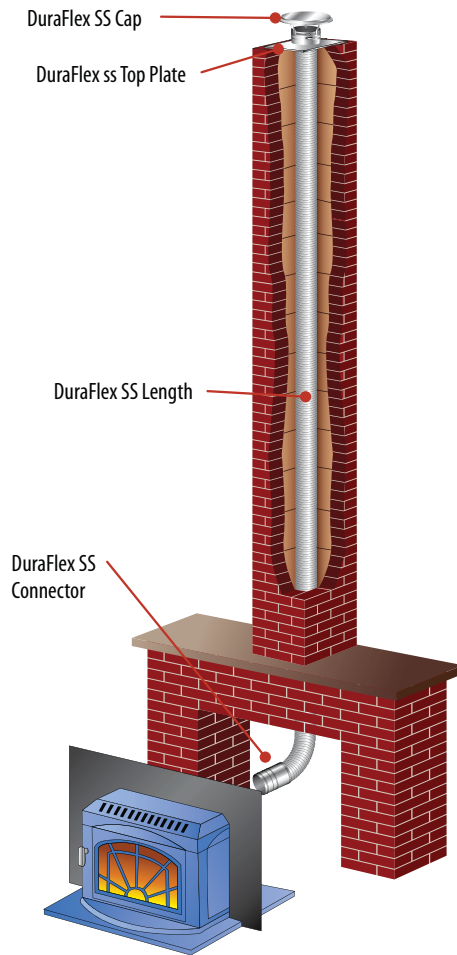
## Typical Installations



Installation Key			
1	DuraFlex SS Cap	8	DuraFlex Mortar Sleeve
2	DuraFlex AL Cap	9	DuraFlex AL Coupling
3	DuraFlex Top Plate	10	DuraFlex SS Connector
4	DuraFlex (SW, Pro, 304, 316) Length	11	PelletVent Pro Appliance Adapter
5	DuraFlex AL Length	12	DuraBlack Trim Collar
6	DuraFlex SS Tee	13	Rigid Type B Gas Vent
7	DuraFlex AL Tee	14	Rigid PelletVent (L Vent)

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.
- 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! Use proper support and bracing. Follow local building codes and have your venting system inspected.



## Planning Your Installation

1	Verify the venting requirements of the appliance used. Choose the liner system appropriate for the appliance and installation.
2	Refer to the Typical Installations for the type of liner installation similar to your situation. Identify the needed parts for installation.
3	The size of the liner should match the outlet size on the appliance or the size of the vent/manifold that penetrates into the masonry chimney.
4	Determine the length of liner needed.
5	Make sure of a proper fit for the Top Plate of the reliner to provide a secure, leak-proof installation.
6	If a free-standing appliance is used, select the vent or stovepipe pieces to connect from the appliance to the liner (refer to the appropriate Simpson Dura-Vent catalog).
7	Important! Check to be sure the installation complies with all local and national code requirements, including clearance to combustibles. Contact the local building inspector for permit requirements.

## Design Recommendations

- The following design recommendations are intended only as a general guideline to assist in the design and selection of liner components for your installation. Always read and follow DuraVent Installation instructions (enclosed with the cap or support box) before installing DuraFlex. Installation instructions can be viewed online at [www.duravent.com](http://www.duravent.com), under catalogs and instructions.
- Before relining a chimney, it should be cleaned and inspected to verify the integrity of the mortar and masonry. In addition, have a certified chimney professional determine if the masonry was constructed with 0" or 1" clearance to the surrounding combustibles. This is an important fire safety issue that may have an influence on how the liner is installed.
- Be sure to select the proper liner for the application. DuraFlex SS is used for appliances that use oil, wood, or wood-pellets for fuel; DuraFlex AL is for a non-condensing gas appliance. Refer to the appliance manufacturer for installation requirements affecting venting. Keep the vent path as straight as possible for best performance.

### DuraFlex SW Basic Kit



Kit includes: DuraFlex SS Top Plate, DuraFlex SS Cap, DuraFlex SS Connector, and DuraFlex SW length. Flex lengths available in 15', 20', 25', 30', and 35'.

SIZE	15' FLEX	20' FLEX	25' FLEX	30' FLEX	35' FLEX
3"	3DFSW-15K	3DFSW-20K	3DFSW-25K	3DFSW-30K	3DFSW-35K
4"	4DFSW-15K	4DFSW-20K	4DFSW-25K	4DFSW-30K	4DFSW-35K
5"	5DFSW-15K	5DFSW-20K	5DFSW-25K	5DFSW-30K	5DFSW-35K
5 1/2"	55DFSW-15K	55DFSW-20K	55DFSW-25K	55DFSW-30K	55DFSW-35K
6"	6DFSW-15K	6DFSW-20K	6DFSW-25K	6DFSW-30K	6DFSW-35K
7"	7DFSW-15K	7DFSW-20K	7DFSW-25K	7DFSW-30K	7DFSW-35K
8"	8DFSW-15K	8DFSW-20K	8DFSW-25K	8DFSW-30K	8DFSW-35K

### DuraFlex SW Tee Kit



Kit includes: DuraFlex SS Top Plate, DuraFlex SS Cap, DuraFlex SS Tee with Cap, and DuraFlex SW length. Kit flex lengths available in 15', 20', 25', 30', and 35'.

SIZE	15' FLEX	20' FLEX	25' FLEX	30' FLEX	35' FLEX
3"	3DFSW-15KT	3DFSW-20KT	3DFSW-25KT	3DFSW-30KT	3DFSW-35KT
4"	4DFSW-15KT	4DFSW-20KT	4DFSW-25KT	4DFSW-30KT	4DFSW-35KT
5"	5DFSW-15KT	5DFSW-20KT	5DFSW-25KT	5DFSW-30KT	5DFSW-35KT
5 1/2"	55DFSW-15KT	55DFSW-20KT	55DFSW-25KT	55DFSW-30KT	55DFSW-35KT
6"	6DFSW-15KT	6DFSW-20KT	6DFSW-25KT	6DFSW-30KT	6DFSW-35KT
7"	7DFSW-15KT	7DFSW-20KT	7DFSW-25KT	7DFSW-30KT	7DFSW-35KT
8"	8DFSW-15KT	8DFSW-20KT	8DFSW-25KT	8DFSW-30KT	8DFSW-35KT

### DuraFlex SW Stainless Steel Length



Custom lengths also available for 3" - 8" diameters. 9"-12" diameters available in custom lengths only (Use Ventinox components). Minimum length of 10' for custom orders. (e.g.: stock # would be QTY 90 of 9DFSW-XX for a 9" diameter, 90' length).

SIZE	3"	4"	5"	5 1/2"	6"	7"	8"
15' FLEX	3DFSW-15	4DFSW-15	5DFSW-15	55DFSW-15	6DFSW-15	7DFSW-15	8DFSW-15
20' FLEX	3DFSW-20	4DFSW-20	5DFSW-20	55DFSW-20	6DFSW-20	7DFSW-20	8DFSW-20
25' FLEX	3DFSW-25	4DFSW-25	5DFSW-25	55DFSW-25	6DFSW-25	7DFSW-25	8DFSW-25
30' FLEX	3DFSW-30	4DFSW-30	5DFSW-30	55DFSW-30	6DFSW-30	7DFSW-30	8DFSW-30
35' FLEX	3DFSW-35	4DFSW-35	5DFSW-35	55DFSW-35	6DFSW-35	7DFSW-35	8DFSW-35
50' FLEX	3DFSW-50	4DFSW-50	5DFSW-50	55DFSW-50	6DFSW-50	7DFSW-50	8DFSW-50
100' FLEX	--	--	--	55DFSW-100	6DFSW-100	--	--
125' FLEX	--	--	5DFSW-125	--	--	--	--
200' FLEX	3DFSW-200	4DFSW-200	--	--	--	--	--

### DuraFlex Pro Basic Kit



Kit includes: DuraFlex SS Top Plate, DuraFlex SS Cap, DuraFlex SS Connector, and DuraFlex Pro length. Kit flex lengths available in 15', 20', 25', 30', and 35'.

SIZE	15' FLEX	20' FLEX	25' FLEX	30' FLEX	35' FLEX
3"	3DFPRO-15K	3DFPRO-20K	3DFPRO-25K	3DFPRO-30K	3DFPRO-35K
4"	4DFPRO-15K	4DFPRO-20K	4DFPRO-25K	4DFPRO-30K	4DFPRO-35K
5"	5DFPRO-15K	5DFPRO-20K	5DFPRO-25K	5DFPRO-30K	5DFPRO-35K
5 1/2"	55DFPRO-15K	55DFPRO-20K	55DFPRO-25K	55DFPRO-30K	55DFPRO-35K
6"	6DFPRO-15K	6DFPRO-20K	6DFPRO-25K	6DFPRO-30K	6DFPRO-35K
7"	7DFPRO-15K	7DFPRO-20K	7DFPRO-25K	7DFPRO-30K	7DFPRO-35K
8"	8DFPRO-15K	8DFPRO-20K	8DFPRO-25K	8DFPRO-30K	8DFPRO-35K

### DuraFlex Pro Tee Kit



Kit includes: DuraFlex SS Top Plate, DuraFlex SS Cap, DuraFlex SS Tee with Cap, and DuraFlex Pro length. Kit flex lengths available in 15', 20', 25', 30', and 35'.

SIZE	15' FLEX	20' FLEX	25' FLEX	30' FLEX	35' FLEX
3"	3DFPRO-15KT	3DFPRO-20KT	3DFPRO-25KT	3DFPRO-30KT	3DFPRO-35KT
4"	4DFPRO-15KT	4DFPRO-20KT	4DFPRO-25KT	4DFPRO-30KT	4DFPRO-35KT
5"	5DFPRO-15KT	5DFPRO-20KT	5DFPRO-25KT	5DFPRO-30KT	5DFPRO-35KT
5 1/2"	55DFPRO-15KT	55DFPRO-20KT	55DFPRO-25KT	55DFPRO-30KT	55DFPRO-35KT
6"	6DFPRO-15KT	6DFPRO-20KT	6DFPRO-25KT	6DFPRO-30KT	6DFPRO-35KT
7"	7DFPRO-15KT	7DFPRO-20KT	7DFPRO-25KT	7DFPRO-30KT	7DFPRO-35KT
8"	8DFPRO-15KT	8DFPRO-20KT	8DFPRO-25KT	8DFPRO-30KT	8DFPRO-35KT

### DuraFlex Pro Top Plate/Cap Kit

**\*updated kit\***



Kit includes: Top Plate with welded Storm Collar, and Cap, plus DuraFlex SS Connector, and DuraFlex Pro length. Flex remains secured to the Storm Collar/Top Plate when removing the cap section for inspections and cleaning. -OVALVCK offers 25' or 35' flex lengths available with the first 4 feet ovalized.

SIZE	20' FLEX	25' FLEX	30' FLEX	35' FLEX
3"	3DFPRO-20VCK	--	--	--
4"	4DFPRO-20VCK	4DFPRO-25VCK	4DFPRO-30VCK	4DFPRO-35VCK
5 1/2"	55DFPRO-20VCK	55DFPRO-25VCK	55DFPRO-30VCK	55DFPRO-35VCK
6"	--	6DFPRO-25VCK	6DFPRO-30VCK	6DFPRO-35VCK
6"	--	6DFPRO-25OVALVCK	--	6DFPRO-35OVALVCK

## DuraFlex Pro Stainless Steel Length



Custom lengths also available for 3" - 8" diameters. 9"-12" diameters available in custom lengths only (Use Ventinox components). Minimum length of 10' for custom orders. (e.g.: stock # would be QTY 90 of 12DFSW-XX for a 12" diameter, 90' length).

SIZE	3"	4"	5"	5 1/2"	6"	7"	8"
15' FLEX	3DFPRO-15	4DFPRO-15	5DFPRO-15	55DFPRO-15	6DFPRO-15	7DFPRO-15	8DFPRO-15
20' FLEX	3DFPRO-20	4DFPRO-20	5DFPRO-20	55DFPRO-20	6DFPRO-20	7DFPRO-20	8DFPRO-20
25' FLEX	3DFPRO-25	4DFPRO-25	5DFPRO-25	55DFPRO-25	6DFPRO-25	7DFPRO-25	8DFPRO-25
30' FLEX	3DFPRO-30	4DFPRO-30	5DFPRO-30	55DFPRO-30	6DFPRO-30	7DFPRO-30	8DFPRO-30
35' FLEX	3DFPRO-35	4DFPRO-35	5DFPRO-35	55DFPRO-35	6DFPRO-35	7DFPRO-35	8DFPRO-35
50' FLEX	3DFPRO-50	4DFPRO-50	5DFPRO-50	55DFPRO-50	6DFPRO-50	7DFPRO-50	8DFPRO-50
100' FLEX	--	--	--	55DFPRO-100	6DFPRO-100	--	--
125' FLEX	--	--	5DFPRO-125	--	--	--	--
200' FLEX	3DFPRO-200	4DFPRO-200	--	--	--	--	--

## DuraFlex 316 Basic Kit



Kit includes: DuraFlex SS Top Plate, DuraFlex SS Cap, DuraFlex SS Connector, and DuraFlex 316 length. Kit flex lengths available in 15', 20', 25', 30', and 35'.

SIZE	15' FLEX	20' FLEX	25' FLEX	30' FLEX	35' FLEX
3"	3DF316-15K	3DF316-20K	3DF316-25K	3DF316-30K	3DF316-35K
4"	4DF316-15K	4DF316-20K	4DF316-25K	4DF316-30K	4DF316-35K
5"	5DF316-15K	5DF316-20K	5DF316-25K	5DF316-30K	5DF316-35K
5 1/2"	55DF316-15K	55DF316-20K	55DF316-25K	55DF316-30K	55DF316-35K
6"	6DF316-15K	6DF316-20K	6DF316-25K	6DF316-30K	6DF316-35K
7"	7DF316-15K	7DF316-20K	7DF316-25K	7DF316-30K	7DF316-35K
8"	8DF316-15K	8DF316-20K	8DF316-25K	8DF316-30K	8DF316-35K

## DuraFlex 316 Tee Kit



Kit includes: DuraFlex SS Top Plate, DuraFlex SS Cap, DuraFlex SS Tee with Cap, and DuraFlex 316 length. Kit flex lengths available in 15', 20', 25', 30', and 35'.

SIZE	15' FLEX	20' FLEX	25' FLEX	30' FLEX	35' FLEX
3"	3DF316-15KT	3DF316-20KT	3DF316-25KT	3DF316-30KT	3DF316-35KT
4"	4DF316-15KT	4DF316-20KT	4DF316-25KT	4DF316-30KT	4DF316-35KT
5"	5DF316-15KT	5DF316-20KT	5DF316-25KT	5DF316-30KT	5DF316-35KT
5 1/2"	55DF316-15KT	55DF316-20KT	55DF316-25KT	55DF316-30KT	55DF316-35KT
6"	6DF316-15KT	6DF316-20KT	6DF316-25KT	6DF316-30KT	6DF316-35KT
7"	7DF316-15KT	7DF316-20KT	7DF316-25KT	7DF316-30KT	7DF316-35KT
8"	8DF316-15KT	8DF316-20KT	8DF316-25KT	8DF316-30KT	8DF316-35KT



## DuraFlex 316 Top Plate/Cap Kit

**\*updated kit\***



Kit includes: Top Plate with welded Storm Collar, and Cap, plus DuraFlex SS Connector, and DuraFlex 316 length. Flex remains secured to the Storm Collar/Top Plate when removing the cap section for inspections and cleaning.

SIZE	25' FLEX	35' FLEX
4"	4DF316-25VCK	4DF316-35VCK
5 1/2"	55DF316-25VCK	55DF316-35VCK
6"	6DF316-25VCK	6DF316-35VCK

## DuraFlex 316 Stainless Steel Length



Use with wood-pellet, non-condensing gas, wood-burning, and oil appliances. Custom lengths available for 3"-8" diameters. Minimum length of 10' for custom orders. (e.g.: stock # would be QTY 60 of 55DF316-XX for a 5 1/2" diameter, 60' length).

SIZE	15' FLEX	20' FLEX	25' FLEX	30' FLEX	35' FLEX	50' FLEX	100' FLEX
3"	3DF316-15	3DF316-20	3DF316-25	3DF316-30	3DF316-35		3DF316-100
4"	4DF316-15	4DF316-20	4DF316-25	4DF316-30	4DF316-35		4DF316-100
5"	5DF316-15	5DF316-20	5DF316-25	5DF316-30	5DF316-35		5DF316-100
5 1/2"	55DF316-15	55DF316-20	55DF316-25	55DF316-30	55DF316-35		55DF316-100
6"	6DF316-15	6DF316-20	6DF316-25	6DF316-30	6DF316-35		6DF316-100
7"	7DF316-15	7DF316-20	7DF316-25	7DF316-30	7DF316-35	7DF316-50	--
8"	8DF316-15	8DF316-20	8DF316-25	8DF316-30	8DF316-35	8DF316-50	--

## DuraFlex 304 Basic Kit



Kit includes: DuraFlex SS Top Plate, DuraFlex SS Cap, DuraFlex SS Connector, and DuraFlex 304 length. Kit flex lengths available in 15', 20', 25', 30', and 35'.

SIZE	15' FLEX	20' FLEX	25' FLEX	30' FLEX	35' FLEX
3"	3DF304-15K	3DF304-20K	3DF304-25K	3DF304-30K	3DF304-35K
4"	4DF304-15K	4DF304-20K	4DF304-25K	4DF304-30K	4DF304-35K
5"	5DF304-15K	5DF304-20K	5DF304-25K	5DF304-30K	5DF304-35K
5 1/2"	55DF304-15K	55DF304-20K	55DF304-25K	55DF304-30K	55DF304-35K
6"	6DF304-15K	6DF304-20K	6DF304-25K	6DF304-30K	6DF304-35K
7"	7DF304-15K	7DF304-20K	7DF304-25K	7DF304-30K	7DF304-35K
8"	8DF304-15K	8DF304-20K	8DF304-25K	8DF304-30K	8DF304-35K

### DuraFlex 304 Tee Kit



Kit includes: DuraFlex SS Top Plate, DuraFlex SS Cap, DuraFlex SS Tee with Cap, and DuraFlex 304 length. Kit flex lengths available in 15', 20', 25', 30', and 35'.

SIZE	15' FLEX	20' FLEX	25' FLEX	30' FLEX	35' FLEX
3"	3DF304-15KT	3DF304-20KT	3DF304-25KT	3DF304-30KT	3DF304-35KT
4"	4DF304-15KT	4DF304-20KT	4DF304-25KT	4DF304-30KT	4DF304-35KT
5"	5DF304-15KT	5DF304-20KT	5DF304-25KT	5DF304-30KT	5DF304-35KT
5 1/2"	55DF304-15KT	55DF304-20KT	55DF304-25KT	55DF304-30KT	55DF304-35KT
6"	6DF304-15KT	6DF304-20KT	6DF304-25KT	6DF304-30KT	6DF304-35KT
7"	7DF304-15KT	7DF304-20KT	7DF304-25KT	7DF304-30KT	7DF304-35KT
8"	8DF304-15KT	8DF304-20KT	8DF304-25KT	8DF304-30KT	8DF304-35KT

### DuraFlex 304 Stainless Steel Length



Use with wood-pellet, non-condensing gas, wood-burning, and oil appliances. Custom lengths available for 3"-8" diameters. Minimum length of 10' for custom orders. (e.g.: stock # would be QTY 80 of 3DF304-XX for a 3" diameter, 80' length).

SIZE	15' FLEX	20' FLEX	25' FLEX	30' FLEX	35' FLEX	50' FLEX	100' FLEX
3"	3DF304-15	3DF304-20	3DF304-25	3DF304-30	3DF304-35		3DF304-100
4"	4DF304-15	4DF304-20	4DF304-25	4DF304-30	4DF304-35		4DF304-100
5"	5DF304-15	5DF304-20	5DF304-25	5DF304-30	5DF304-35		5DF304-100
5 1/2"	55DF304-15	55DF304-20	55DF304-25	55DF304-30	55DF304-35		55DF304-100
6"	6DF304-15	6DF304-20	6DF304-25	6DF304-30	6DF304-35		6DF304-100
7"	7DF304-15	7DF304-20	7DF304-25	7DF304-30	7DF304-35	7DF304-50	--
8"	8DF304-15	8DF304-20	8DF304-25	8DF304-30	8DF304-35	8DF304-50	--

# Custom Flex & Custom Flex Kits

Custom Kits are part of the program also. Combine the DuraFlex liner and length of your choice with any of our DuraFlex accessories to create your own custom kit. You can also have the DuraFlex liner ovalized.

## Custom Flex Length Minimum order of 10' feet. 'X' in stock number indicates feet.

Flex	3"	4"	5"	5 1/2"	6"	7"	8"
	Stock#/FT	Stock#/FT	Stock#/FT	Stock#/FT	Stock#/FT	Stock#/FT	Stock#/FT
DuraFlex SW	3DFSWX	4DFSWX	5DFSWX	55DFSWX	6DFSWX	7DFSWX	8DFSWX
DuraFlex Pro	3DFPROX	4DFPROX	5DFPROX	55DFPROX	6DFPROX	7DFPROX	8DFPROX
DuraFlex 316	3DF316X	4DF316X	5DF316X	55DF316X	6DF316X	7DF316X	8DF316X
DuraFlex 304	3DF304X	4DF304X	5DF304X	55DF304X	6DF304X	7DF304X	8DF304X

## Custom Ovalization of Flex

Ovalizing	3" - 8" Diameters
	Stock# / FT
Choose how many feet of liner you want ovalized.	<b>OVALIZING</b>

## Custom Flex Accessories for your Kit

Accessories	3"	4"	5"	5 1/2"	6"	7"	8"
	Stock#	Stock#	Stock#	Stock#	Stock#	Stock#	Stock#
Vertical Cap	3DFS-VC	4DFS-VC	5DFS-VC	55DFS-VC	6DFS-VC	7DFS-VC	8DFS-VC
Top Plate	3DFS-TP	4DFS-TP	5DFS-TP	55DFS-TP	6DFS-TP	7DFS-TP	8DFS-TP
Pre-Formed Top Plate 13"x13"	--	--	5DFS-TPA	55DFS-TPA	6DFS-TPA	--	--
Pre-Formed Top Plate 9"x13"	--	--	5DFS-TPB	55DFS-TPB	6DFS-TPB	--	--
Vertical Cap Kit	3DFS-VCK	4DFS-VCK	5DFS-VCK	55DFS-VCK	6DFS-VCK	7DFS-VCK	8DFS-VCK
Tee	3DFS-T	4DFS-T	5DFS-T	55DFS-T	6DFS-T	7DFS-T	8DFS-T
Connector	3DFS-FC	4DFS-FC	5DFS-FC	55DFS-FC	6DFS-FC	7DFS-FC	8DFS-FC
Reducer	--	--	--	--	6DFS-X55	--	--
Spacer	--	--	5DFS-S	--	6DFS-S	7DFS-S	8DFS-S
Mortar Sleeve	3DFS-MS	4DFS-MS	5DFS-MS	55DFS-MS	6DFS-MS	7DFS-MS	8DFS-MS
Flex Puller	3DFS-FP	4DFS-FP	5DFS-FP	55DFS-FP	6DFS-FP	7DFS-FP	8DFS-FP
Spark Arrestor	DFS-SA	DFS-SA	DFS-SA	DFS-SA	DFS-SA	DFS-SA	DFS-SA

**Choose exactly the length of flex you need from 4 different choices...**

Need smooth wall? An ultra flexible liner or maybe 304? No need to trouble yourself with cutting the length out in the field....we trim it exactly as you need it.

**Ovalize as many feet of the liner you purchase as needed.**

If you need the liner ovalized, just decide how many feet from the end you need ovalized and we will take care of the rest.

**Add exactly the parts you need in your kit.**

Need a connector with a tee or cap? Customize your kit to get just what you need.



**New... Pre-formed Top Plate**

Seals the top of a masonry chimney and supports the flex. Not for use with Venti-nox flex. Square and rectangle shapes in stainless steel.

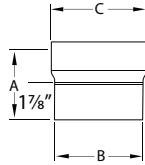


**New Component... Vertical Cap Kit**

Top Plate with welded Storm Collar, and cap. Flex remains secured to the Storm Collar/Top Plate when removing the cap section for inspections and cleaning.

### DuraFlex SS Connector

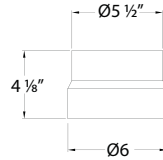
**\*updated dimensions\***



Use to connect DuraFlex SS length to an appliance, rigid length, or flex length. Drip-free connection. Not for use with Ventinox flex.

SIZE	STOCK #	A	B	C
3"	3DFS-FC	4 1/8"	3"	3 1/2"
4"	4DFS-FC	4 1/8"	4"	4 1/2"
5"	5DFS-FC	4 1/8"	5"	5 1/2"
5 1/2"	55DFS-FC	4 1/8"	6"	5 1/2"
6"	6DFS-FC	4 1/8"	6 1/2"	6"
7"	7DFS-FC	4 1/8"	7"	7 1/2"
8"	8DFS-FC	4 1/8"	8"	8 1/2"

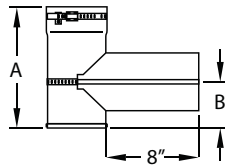
### DuraFlex SS Reducer



Use to connect 5 1/2" DuraFlex SS length to a 6" appliance. Check with the appliance manufacturer before reducing the vent size. May also be used to connect to stovepipe on a through masonry wall installations. Not for use with Ventinox flex.

SIZE	STOCK #
5 1/2"	6DFS-X55

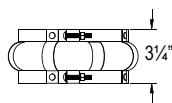
### DuraFlex SS Tee w/ Cap



Use to attach to DuraFlex SS length with a fast connect band. Removable branch connects tee body with an internal fast connect band. 5 1/2" Tee has a 6" branch. Not for use with Ventinox flex.

SIZE	STOCK #	A	B
3"	3DFS-T	8 1/2"	3 1/4"
4"	4DFS-T	9 1/2"	4 1/4"
5"	5DFS-T	9 1/2"	4 1/4"
5 1/2"	55DFS-T	10 1/2"	4 3/8"
6"	6DFS-T	10 1/2"	4 3/8"
7"	7DFS-T	11 1/2"	4 1/2"
8"	8DFS-T	13"	5 3/4"

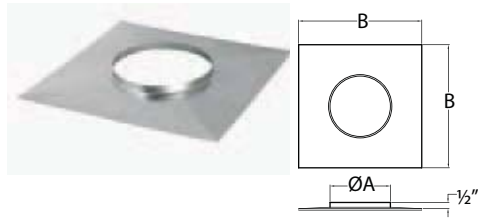
### Spacer



Use to maintain a 1" clearance with flex sections of DuraLiner and DuraFlex SS. Not for use with Ventinox flex.

SIZE	STOCK #
5"	5DFS-S
6"	6DFS-S
7"	7DFS-S
8"	8DFS-S

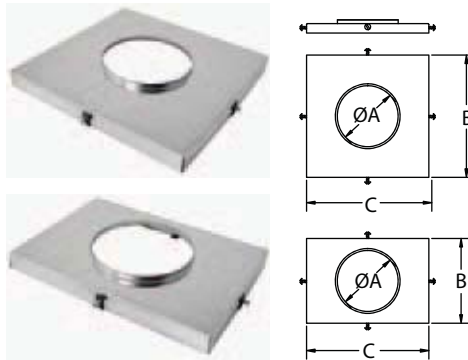
### DuraFlex SS Top Plate



Use to seal top of masonry chimney and support the flex. Not for use with Ventinox flex.

SIZE	STOCK #	A	B
3"	3DFS-TP	3 3/8"	16"
4"	4DFS-TP	4 3/8"	16"
5"	5DFS-TP	5 3/8"	16"
5 1/2"	55DFS-TP	6 3/8"	16"
6"	6DFS-TP	6 3/8"	16"
7"	7DFS-TP	7 3/8"	16"
8"	8DFS-TP	8 3/8"	16"

### DuraFlex SS Pre-Formed Top Plate



Use to seal top of masonry chimney and support the flex. Not for use with Ventinox flex.

SIZE	STOCK #	A	B	C
5"	5DFS-TPA	5 3/8"	13"	13"
5"	5DFS-TPB	5 3/8"	9"	13"
5 1/2"	55DFS-TPA	6"	13"	13"
5 1/2"	55DFS-TPB	6"	9"	13"
6"	6DFS-TPA	6 3/8"	13"	13"
6"	6DFS-TPB	6 3/8"	9"	13"

### DuraFlex SS Cap



Use to terminate a relining system at the top of the masonry chimney. Supports flex with a fast connect band. Optional Spark Arrestor available. Not for use with Ventinox flex.

SIZE	STOCK #	A	B	SIZE:	STOCK #	A	B
3"	3DFS-VC	8"	5"	6"	6DFS-VC	11"	6"
4"	4DFS-VC	8"	5"	7"	7DFS-VC	15"	6"
5"	5DFS-VC	11"	6"	8"	8DFS-VC	15"	6"
5 1/2"	55DFS-VC	--	--				

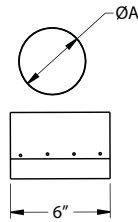
### Spark Arrestor



Use on inside of cap. Optional Spark Arrestor may be required. For 3"-8" diameters. Trim length to fit specific size.

SIZE	STOCK #
3"-8"	DFS-SA

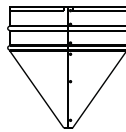
### DuraFlex Mortar Sleeve



Use to protect DuraFlex when passing length through a masonry wall.

SIZE	STOCK #	A
3"	3DFS-MS	4"
4"	4DFS-MS	5"
5"	5DFS-MS	6"
5 1/2"	55DFS-MS	6 1/2"
6"	6DFS-MS	7"
7"	7DFS-MS	8"
8"	8DFS-MS	9"

### DuraFlex Flex Puller



Use with a rope to guide DuraFlex lengths down masonry chimney.

SIZE	STOCK #
3"	3DFS-FP
4"	4DFS-FP
5"	5DFS-FP
5 1/2"	55DFS-FP
6"	6DFS-FP
7"	7DFS-FP
8"	8DFS-FP

# Insulation

## TherMix



Use to fill space between a liner and inside masonry chimney. Ready-mix formula cures into lightweight. Semi hard mass that insulates the liner and dissipates the intense heat created in a chimney fire.

\*Use Table 1 to estimate the number of TherMix bags or boxes needed to do the job.

- Find the flue opening that comes closest to the one being lined, the left hand column.
- Find the size of the liner to be installed across the top line.
- Where the values intersect, read the cubic foot volume of TherMix per foot of chimney height.
- Multiply this volume by the height (in feet) of the chimney.
- Divide the cubic feet calculated in the previous step by 3.25. This answer will determine the number of bags/boxes of TherMix needed.

SIZE	STOCK #
BAG	020597
BOX	020600

### Example:

A 28' chimney with a flue opening of 8.5" x 8.5" is to be lined with a 6" liner. As shown in Table 1, .30ft<sup>3</sup> of TherMix is needed per foot of chimney height. Multiply .30 by 28 (the height of the chimney), to get 8.4ft<sup>3</sup>. Now divide 8.4 by 3.25 (the approximate volume yield per bag of TherMix), to obtain 2.6 bags/boxes of TherMix to complete the installation.

\*Masonry chimneys are not uniform structures. Have extra bags/boxes available in case you need them. If there is an installation not covered by table 1, refer to the formula below:

$$\text{Packages of TherMix} = \frac{(W'' \times D'' \times H'') - (CS \times H'')}{1728 \text{ cu. in.}} \div 3.25$$

W = Width of flue opening (in inches)  
 D = Depth of flue opening (in inches)  
 H = Height of flue (in inches)  
 CS = Cross Section areas of chimney liner (table 2)

**TABLE 1: THERMIX VOLUME PER ONE FOOT OF CHIMNEY HEIGHT**

Flue Opening	Diameter of Liner					
	5"	6"	7"	8"	10"	12"
7.5" x 7.5"	.25	.20	--	--	--	--
7.5" x 11.5"	.46	.40	(Ovalized) .38	(Ovalized) .32	--	--
8.5" x 8.5"	.36	.30	.23	--	--	--
8.5" x 11.5"	.54	.48	.41	(Ovalized) .36	(Ovalized) .33	--
9.5" x 9.5"	.49	.43	.36	.27	--	--
11.5" x 11.5"	.78	.72	.65	.60	.37	--
11.5" x 16.5"	1.18	1.12	1.05	.96	.77	--
12.5" x 12.5"	.95	.88	.82	.73	.53	--
14.5" x 14.5"	1.30	1.26	1.20	1.10	.92	.65
14.5" x 18.5"	1.70	1.66	1.60	1.50	1.30	1.04

**TABLE 2: CROSS SECTION AREA OF LINER**

Liner Size	CS Area	Oval Liner Size	Oval Dimensions	CS Area
Round 5"	19.62in <sup>2</sup>			
Round 6"	28.46in <sup>2</sup>	Oval 6"	(4.2" x 7.2")	24.60in <sup>2</sup>
Round 7"	38.46in <sup>2</sup>	Oval 7"	(4.2" x 9.1")	32.20in <sup>2</sup>
Round 8"	50.25in <sup>2</sup>	Oval 8"	(4.2 x 10.3")	37.20in <sup>2</sup>
Round 9"	62.50in <sup>2</sup>			
Round 10"	78.50in <sup>2</sup>	Oval 10"	(4.2" x 13.3")	49.50in <sup>2</sup>
Round 12"	113.22in <sup>2</sup>			

**ProFoil** updated offering



Use as insulator for stainless steel liners in masonry chimneys. UL Listed insulation. Size is based on vent diameter.

Required to insulate stainless steel liner to meet UL 1777 when proper clearances to chimney and framing are not available. 1" clearance from SS liner to interior wall of the masonry chimney and 1" clearance from the masonry to the house framing are required in order to meet UL 1777. If you do not have either of these clearances then a 1/2" wrap is required. If these two clearances are available then no insulation is needed. AluFoil Tape and ProMesh required.

SIZE	FITS Ø	THICKNESS	STOCK #	DOUBLE WRAPPING 1/4" PROFOIL				
				ProFoil Size	Single Wrap Liner Size	Double Wrap Liner Size		
22"x25'	5"-6"	1/2"	020710	22"x 25"	3"-6"	3"-5"		
24"x25'	7"	1/2"	020713		24"x 25"	7"	6"	
29"x25'	8"	1/2"	020715			29"x 25"	8"	7"-8"
48"x25'	9"-12"	1/2"	020717			48"x 25"	9"-12"	9"-12"

**AluFoil Tape**



Use to seal seams of ProFoil insulation. 2 mil aluminum foil tape has strength and adhesion.

SIZE	STOCK #
3" x 150'	020921

**ProMesh**



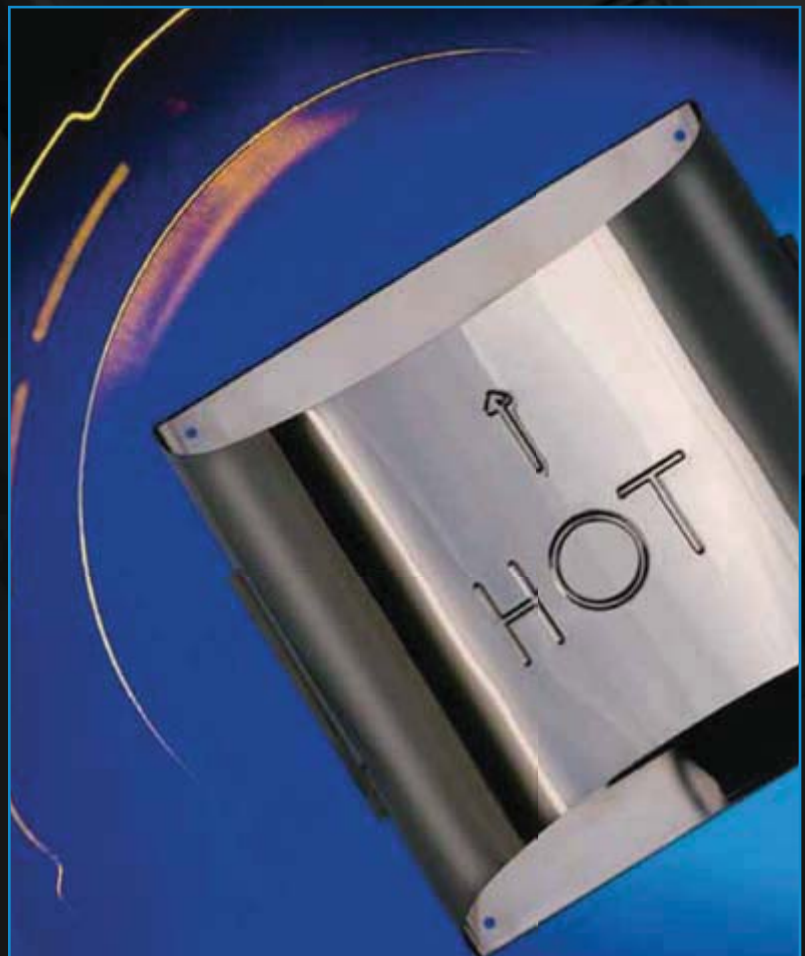
Use to protect the ProFoil during installation. 304 stainless steel mesh slides over insulated liner. Shrinks to fit liner when pulled length-wise.

SIZE	STOCK #	LENGTH
SM 3"-6"Ø	020901	50'
LG 7"-9"Ø	020903	50'
XLG 10"-12"Ø	020905	50'



## **DirectVent Pro®**

**Unitized, co-axial venting system for  
direct vent gas or propane stoves,  
heaters and Xreplaces.**



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## Specifications

### Applications

DirectVent Pro is a unitized, coaxial venting system designed for use with direct vent gas or propane stoves, heaters, and fireplaces.

### Materials and Construction

.020" aluminum inner wall.  
.018" galvanized steel outer wall.  
Painted outer walls made of laser-welded .018" galvalume steel. Caps also available in stainless steel and copper. Outer pipe brings combustion air to the appliance. Inner pipe exhausts flue gases to the outside. Gaskets or sealants not required (unless specified by the appliance manufacturer).

**\*updated information\***

### Clearances

Specified by the appliance manufacturer.

### Diameters

4" x 6 5/8" and 5" x 8".

### Listings

DirectVent Pro, in combination with the gas appliance, has been tested and listed as a decorative gas appliance system or as a direct vent heater system by a major testing agency, such as UL, CSA, Warnock Hersey, or OMNI.

## DirectVent Pro

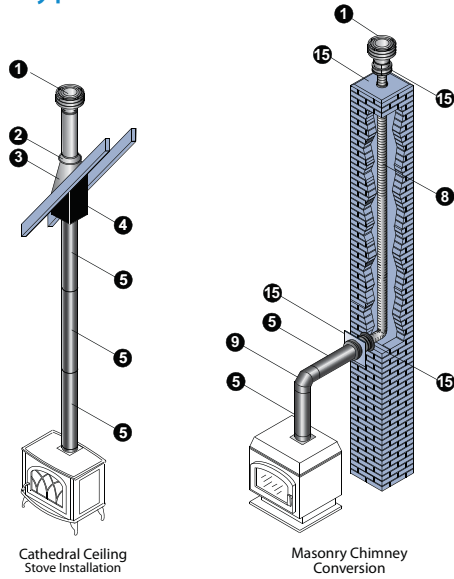
Stunning design and Engineered Excellence® utilizing state-of-the-art manufacturing. DirectVent Pro features tight inner connections for superb performance, with no gaskets or sealants required (unless specified by the appliance manufacturer). All black pipe lengths, pipe extensions, and elbows feature laser-welded outer wall seams for a sleek finish. Low-profile locks and no hems or beads allow for a beautiful product that looks elegant in any interior.

Engineered Excellence® with innovation and style...DirectVent Pro. DuraVent's direct vent is specified exclusively by nearly every major stove and fireplace manufacturer in the U.S. and Canada, with the largest choice of termination caps for direct vent available.

All DirectVent Pro components are compatible with DirectVent GS stock, except for the DirectVent Pro Pipe Extensions.

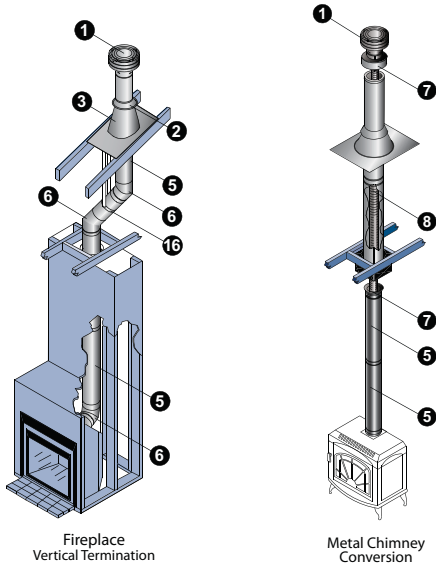


## Typical Installations



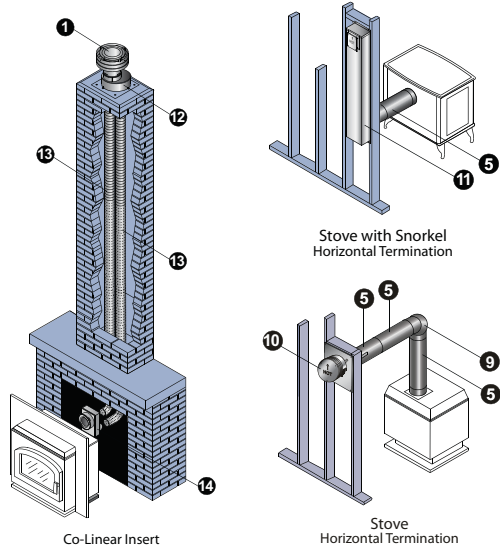
Cathedral Ceiling Stove Installation

Masonry Chimney Conversion



Fireplace Vertical Termination

Metal Chimney Conversion

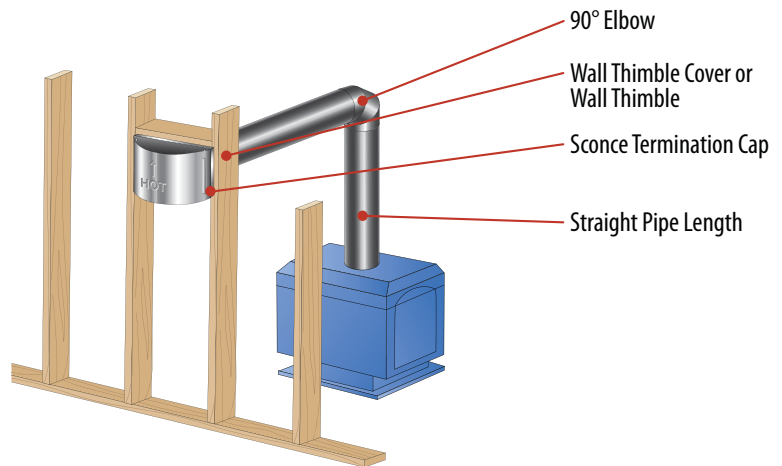


Co-Linear Insert

Stove Horizontal Termination

Installation Key			
1	Vertical Termination Cap	9	90° Elbow
2	Storm Collar	10	Horizontal Termination Cap
3	Flashing	11	Snorkel Termination Cap
4	Cathedral Ceiling Support Box	12	Chimney Liner Termination Kit
5	Pipe	13	3" Flex
6	45° Elbow	14	Co-Axial to Co-Linear Connector
7	Class A Chimney Conversion Kit	15	Masonry Chimney Conversion Kit
8	4" Flex	16	Elbow Strap

• Refer to our Typical Venting Installation drawings to select the appropriate component parts for your installation.



## Planning Your Installation

1	For vertical gas stove installations, measure the height from the stove outlet to the ceiling to determine the length of black pipe required. Select a ceiling support/wall thimble cover or a cathedral ceiling support box.
2	To determine the length of galvanized pipe required, measure the ceiling thickness and the vertical rise in an attic or second story. Firestops are required at each floor level beyond the first floor ceiling support/wall thimble cover or cathedral ceiling support box. If an offset is required to avoid obstructions, use a pair of 45° elbows. For proper support, use elbow straps with offsets. Use wall straps for long vertical runs. Attic Insulation Shield is required in attic.
3	Measure the roof pitch. Select the proper flashing and storm collar. Determine the minimum height above the roof.
4	For horizontal installations, check the appliance manufacturer's instructions for minimum rise and maximum horizontal run. A snorkel termination may be used if height restrictions prevent adequate rise above the appliance. Select the appropriate Horizontal Termination Cap (see appliance manufacturer installation instructions). To protect vinyl siding, select vinyl siding standoff. Check appliance manufacturer's instructions for wall thimble and firestop requirements.

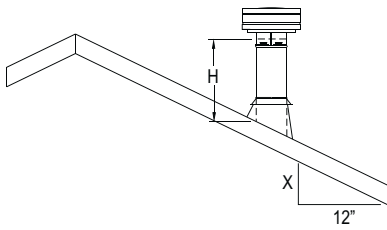
## Design Recommendation

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

Important: Check the manufacturer's rating plate and instruction manual to confirm that the Simpson Dura-Vent direct vent system is approved for use on the brand name appliance you have selected.

- The inner and outer pipe diameters should match the outlet size of the appliance.
- 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 at least 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.

### Vent Termination Chart



Roof Pitch	Minimum Height	
	Feet	Meters
Flat to 7/12	1	0.30
Over 7/12 to 8/12	1.5	0.46
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

### Horizontal Termination Kit A



Kit includes: 90° black Elbow, Ceiling Support/Wall Thimble Cover, 24" black Pipe, 8 1/2" black Pipe Extension. Termination cap not included. For 4" x 6 5/8" direct vent.

Choose termination cap to complete installation.

SIZE	STOCK #
4" x 6 5/8"	46DVA-KHA

### Horizontal Termination Kit C

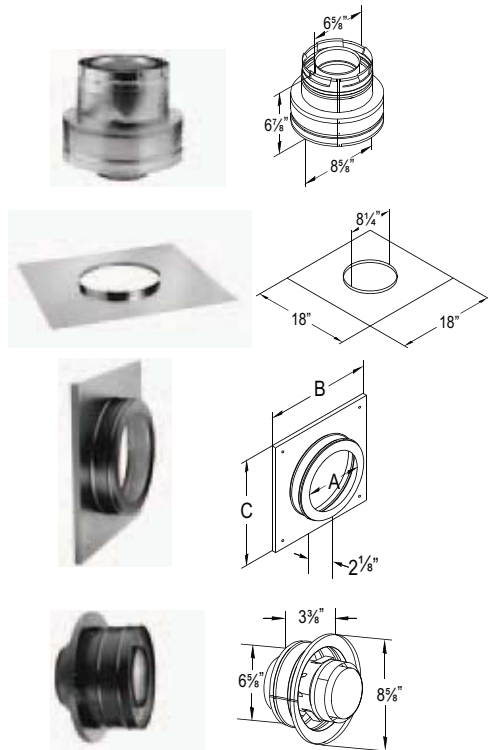


Kit includes: 90° black Elbow, Wall Thimble, Ceiling Support/Wall Thimble Cover, 24" black Pipe, 8 1/2" black Pipe Extension. Termination cap not included. For 4" x 6 5/8" direct vent.

Choose termination cap to complete installation.

SIZE	STOCK #
4" x 6 5/8"	46DVA-KHC

### Masonry Chimney Conversion Kit



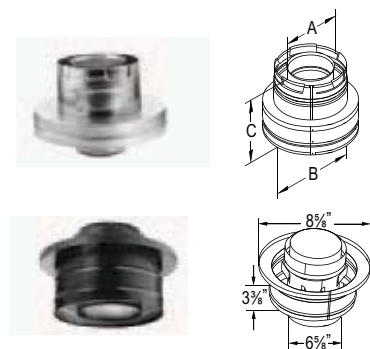
Kit 46DVA-KMC includes: Cap Adapter, 18" x 18" Flashing, Round Ceiling Support/Wall Thimble Cover, Retro Connector. For 4" x 6 5/8" direct vent. Termination Cap and 4" flex are sold separately.

Kit 46DVA-KCT includes: Cap Adapter and a 18" x 18" Flashing.

Use with 4" x 6 5/8" direct vent gas stoves. Use existing masonry chimney. Route the exhaust gases and intake air through the side of the masonry chimney.

SIZE	STOCK #
4" x 6 5/8"	46DVA-KMC
4" x 6 5/8"	46DVA-KCT

### Chimney Conversion Kit



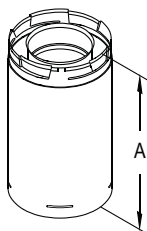
Kits 46DVA-KCA, 46DVA-KCB, and 46DVA-KCC include: Cap Adapter and a Retro Connector. DirectVent Pro 4" x 6 5/8" Termination Cap and 4" flex are sold separately.

Use with 4" x 6 5/8" direct vent gas stoves. Use existing through-the-ceiling, wood-stove metal chimney. Route the exhaust gases and intake air through the existing wood-stove metal chimney.

SIZE	STOCK #	A	B	C
4" x 6 5/8"	46DVA-KCA	6 5/8"	8 5/8"	6 7/8"
4" x 6 5/8"	46DVA-KCB	6 5/8"	10 1/2"	5 7/8"
4" x 6 5/8"	46DVA-KCC	6 5/8"	13"	5 7/8"

46DVA-KCA FITS:	46DVA-KCB FITS:	46DVA-KCC FITS:
SDV 5"-6" DURATECH	SDV 6" DURAPLUS & 7"-8" DURATECH	SDV 7"-8" DURAPLUS
6" SECURITY CHIMNEY	8" SECURITY CHIMNEY	7" & 8" DURAPLUS
6" METALBESTOS	7" & 8" METALBESTOS	8" AMERICAN METALS
6" JACKES-EVANS	7" & 8" JACKES-EVANS	8" AIR-JET
6" HART & COOLEY	7" & 8" HART & COOLEY	8" METAL-FAB
6" PRO JET	7" & 8" PRO JET	
6" & 7" AMERICAN METALS		

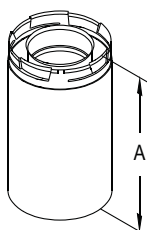
## Pipe Length



Designed for appliances tested and listed for direct vent. Features a fully unitized twist-lock construction in both 4" x 6 5/8" and 5" x 8" vent sizes. Use of sealant is optional, unless specified by the appliance manufacturer. To calculate install length, subtract 1 1/2" for each joint. No beads or hems. Black pipe lengths feature exterior laser-welded seams.

SIZE	GALVANIZED	BLACK	A
4" x 6 5/8"	46DVA-06	46DVA-06B	6"
4" x 6 5/8"	46DVA-09	46DVA-09B	9"
4" x 6 5/8"	46DVA-12	46DVA-12B	12"
4" x 6 5/8"	46DVA-18	46DVA-18B	18"
4" x 6 5/8"	46DVA-24	46DVA-24B	24"
4" x 6 5/8"	46DVA-36	46DVA-36B	36"
4" x 6 5/8"	46DVA-48	46DVA-48B	48"
4" x 6 5/8"	46DVA-60	46DVA-60B	60"
5" x 8"	58DVA-06	58DVA-06B	6"
5" x 8"	58DVA-09	58DVA-09B	9"
5" x 8"	58DVA-12	58DVA-12B	12"
5" x 8"	58DVA-18	58DVA-18B	18"
5" x 8"	58DVA-24	58DVA-24B	24"
5" x 8"	58DVA-36	58DVA-36B	36"
5" x 8"	58DVA-48	58DVA-48B	48"
5" x 8"	58DVA-60	58DVA-60B	60"

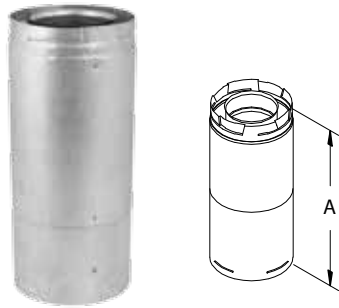
## Pipe Extension



Use to add length to a straight length of DirectVent Pro. 8 1/2" pipe adds 3"- 7" of length, 16" pipe adds 3"- 14 1/2" of length, when used with rigid sections of pipe. Direct vent lengths feature a fully unitized, twist-lock construction. Use of sealant is optional, unless specified by the appliance manufacturer. Available in black or galvalume exterior (both feature laser-welded outer wall seams). Does not fit DirectVent GS pipe.

SIZE	GALVANIZED	BLACK	A	EXTENSION
4" x 6 5/8"	46DVA-08A	46DVA-08AB	8 1/2"	3" - 7"
4" x 6 5/8"	46DVA-16A	46DVA-16AB	16"	3" - 14 1/2"
5" x 8"	58DVA-08A	58DVA-08AB	8 1/2"	3" - 7"
5" x 8"	58DVA-16A	58DVA-16AB	16"	3" - 14 1/2"

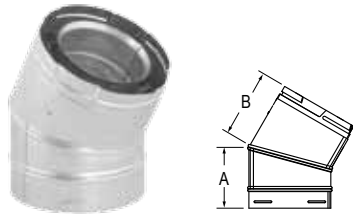
### Adjustable Pipe<sup>updated part</sup>



Easily adjust in length. For use between rigid pipe sections. No cutting required.

SIZE	GALVANIZED	BLACK	A	INSTALLED
4" x 6 5/8"	0911	0911B	11" - 14"	9 1/2" - 15 1/2"
4" x 6 5/8"	0912	0912B	12" - 17"	10 1/2" - 15 1/2"
4" x 6 5/8"	0917	0917B	17" - 24"	15 1/2" - 22 1/2"
5" x 8"	1211	1211B	11" - 14"	9 1/2" - 15 1/2"
5" x 8"	1217	1217B	17" - 24"	15 1/2" - 22 1/2"

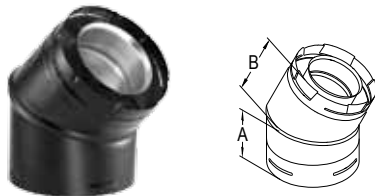
### 30° Elbow



Use to offset obstructions as needed. Fully unitized, twist-lock construction. Elbows swivel, allowing the lock to remain fully engaged while aligning to the desired direction. The angle will remain fixed at 30°.

SIZE	GALVANIZED	A	B
4" x 6 5/8"	46DVA-E30	4 1/8"	4 1/2"
5" x 8"	58DVA-E30	4 1/8"	4 1/2"

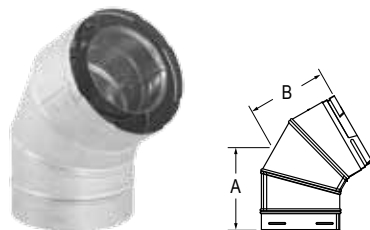
### 45° Elbow



Use to offset obstructions as needed. Fully unitized, twist-lock construction. Elbows swivel, allowing the lock to remain fully engaged while aligning to the desired direction. The angle will remain fixed at 45°.

SIZE	GALVANIZED	BLACK	A	B
4" x 6 5/8"	46DVA-E45	46DVA-E45B	4 1/4"	4 1/4"
5" x 8"	58DVA-E45	58DVA-E45B	4 1/8"	4 3/4"

### 60° Elbow



Use to offset obstructions as needed. Fully unitized, twist-lock construction. Elbows swivel, allowing the lock to remain fully engaged while aligning to the desired direction. The angle will remain fixed at 60°.

SIZE	GALVANIZED	A	B
4" x 6 5/8"	46DVA-E60	4 1/4"	4 3/8"
5" x 8"	58DVA-E60	4 1/4"	4 3/8"



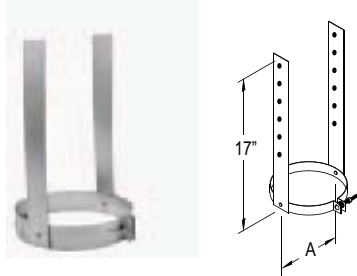
### 90° Elbow



Use to offset obstructions as needed. Fully unitized, twist-lock construction. Elbows swivel, allowing the lock to remain fully engaged while aligning to the desired direction. The angle will remain fixed at 90°.

SIZE	GALVANIZED	BLACK	A	B
4" x 6 5/8"	46DVA-E90	46DVA-E90B	6 1/2"	6 1/2"
5" x 8"	58DVA-E90	58DVA-E90B	7 3/8"	7 3/8"

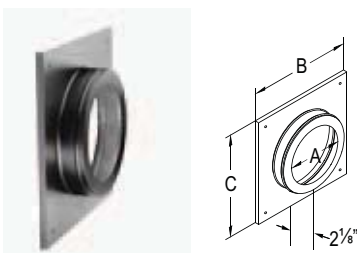
### Elbow Strap



Use for supporting vent pipe between offsets.

SIZE	STOCK #	A
4" x 6 5/8"	46DVA-ES	6 5/8"
5" x 8"	58DVA-ES	8"

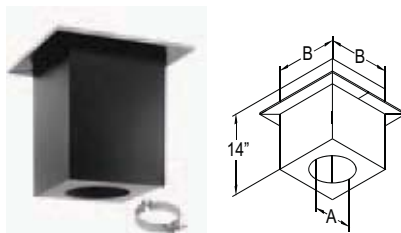
### Ceiling Support/ Wall Thimble Cover



Use as a decorative cover for horizontal (through-wall) installations or for flat ceiling installations. Fits over the Wall Thimble face plate. Comes with an insulation ring to reduce air infiltration where the pipe slips through the thimble. Painted black.

SIZE	STOCK #	A	B	C
4" x 6 5/8"	46DVA-DC	6 7/8"	13"	13"
5" x 8"	58DVA-DC	8 1/4"	13"	13"

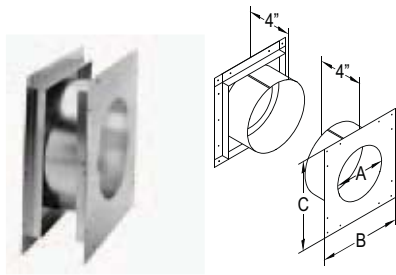
### Cathedral Ceiling Support Box



Use to pass through ceiling and support pipe. May be used on vaulted or flat ceilings. Painted black. Trim and clamp included.

SIZE	STOCK #	A	B
4" x 6 5/8"	46DVA-CS	6 7/8"	10 5/8"
5" x 8"	58DVA-CS	8 1/4"	10 5/8"

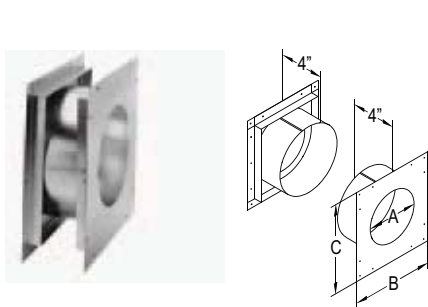
### Wall Thimble



Provides a complete wall-pass-through and firestop. Use with Square Horizontal Cap only. May be required in Canada. Refer to the appliance manufacturer's installation instructions for requirements.

SIZE	STOCK #	A	B	C
4" x 6 5/8"	46DVA-WT	6 3/4"	11"	12"
5" x 8"	58DVA-WT	8 1/4"	12 1/2"	12 1/2"

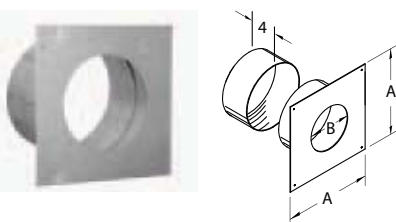
### Wall Thimble - Small



Provides a complete wall-pass-through and firestop. Use with Round Horizontal Cap and Sconce Cap only. May be required in Canada. Refer to the appliance manufacturer's installation instructions for requirements.

SIZE	STOCK #	A	B	C
4" x 6 5/8"	46DVA-WTS	6 3/4"	9"	9"
5" x 8"	58DVA-WTS	8 1/4"	9"	9"

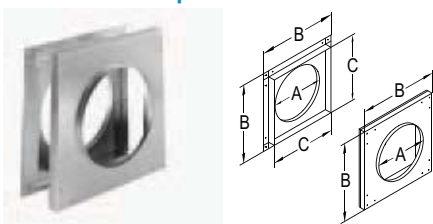
### Universal Wall Thimble



Provides a complete wall-pass-through and interior firestop. Features an adjustable sleeve for an exact fit. Eliminates visible trim on exterior or wall near cap. Sized to fit all DuraVent Direct-Vent Pro's termination caps.

SIZE	STOCK #	A	B
4" x 6 5/8"	46DVA-WTU	11"	6 3/4"
5" x 8"	58DVA-WTU	11"	8 1/8"

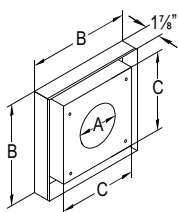
### Wall Firestop



For horizontal (through-wall) installations. Refer to the appliance manufacturer's installation instructions for requirements.

SIZE	STOCK #	A	B	C
4" x 6 5/8"	46DVA-WFS	6 3/4"	12 1/2"	10 1/2"
5" x 8"	58DVA-WFS	8 1/4"	12"	10"

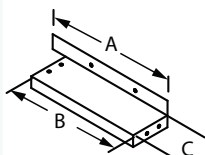
### Vinyl Siding Standoff



Use as a heat shield on structures with vinyl siding, or other temperature sensitive materials, to help prevent warping and or melting of the material. Use only on horizontal terminations and on any irregular surfaced siding (ie: ship lap siding, shake shingle siding) so cap is not imbedded in the siding. Sized for Square Horizontal Cap.

SIZE	STOCK #	A	B	C
4" x 6 5/8"	46DVA-VSS	6 3/4"	17 1/2"	13 1/2"
5" x 8"	58DVA-VSS	8 1/4"	19 7/8"	15 3/4"

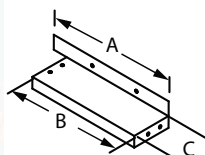
### Vinyl Siding Standoff Kit



Use as a heat shield on structures with vinyl siding, or other temperature sensitive materials, to help prevent warping and or melting of the material. Use only on horizontal terminations and on any irregular surfaced siding (ie: ship lag siding, shake shingle siding) so cap is not imbedded in the siding. Kit includes 4-pieces; sized for Square Horizontal Cap only. Stainless steel (SS) and Copper (C) available.

SIZE	STOCK #	A	B	C
4" x 6 5/8"	46DVA-VSK	15 1/4"	13 1/4"	3"
4" x 6 5/8"	46DVA-VSK-SS	15 1/4"	13 1/4"	3"
4" x 6 5/8"	46DVA-VSK-C	15 1/4"	13 1/4"	3"
5" x 8"	58DVA-VSK	15 1/4"	13 1/4"	3"
5" x 8"	58DVA-VSK-SS	15 1/4"	13 1/4"	3"
5" x 8"	58DVA-VSK-C	15 1/4"	13 1/4"	3"

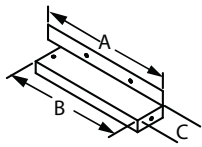
### Vinyl Siding Standoff Kit - Small



Use as a heat shield on structures with vinyl siding, or other temperature sensitive materials, to help prevent warping and or melting of the material. Use only on horizontal terminations and on any irregular surfaced siding (ie: ship lag siding, shake shingle siding) so cap is not imbedded in the siding. Kit includes 4-pieces; sized for Sconce Cap and Round Horizontal Cap only. Stainless steel (SS) and Copper (C) available. Use for 4" x 6 5/8" and 5" x 8" diameters.

SIZE	STOCK #	A	B	C
4" x 6 5/8"	46DVA-VSKS	12 7/8"	10 7/8"	3"
4" x 6 5/8"	46DVA-VSKS-SS	12 7/8"	10 7/8"	3"
4" x 6 5/8"	46DVA-VSKS-C	12 7/8"	10 7/8"	3"

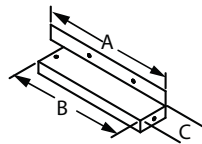
### Counter Flashing



Prevents water intrusion into stucco-sided homes. Allows the installer to apply siding material (ie: stucco, brick, etc) over the flanges up to the sides of the flashing for a water-tight seal. Kit includes 4-pieces; sized for Square Horizontal Cap only.

SIZE	STOCK #	A	B	C
4" x 6 5/8"	46DVA-CFK	15 1/4"	13 1/4"	2"
4" x 6 5/8"	46DVA-CFK-S	15 1/4"	13 1/4"	2"
5" x 8"	58DVA-CFK	17 7/8"	15 7/8"	2"

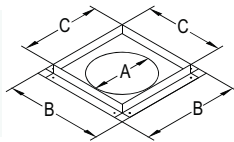
### Counter Flashing - Small



Prevents water intrusion into stucco-sided homes. Allows the installer to apply siding material (ie: stucco, brick, etc) over the flanges up to the sides of the flashing for a water-tight seal. Kit includes 4-pieces; sized for 4" x 6 5/8" Sconce Cap and Round Horizontal Cap only. Also available in stainless steel (S). Use for 4"x 6 5/8" and 5"x 8" diameters.

SIZE	STOCK #	A	B	C
4" x 6 5/8"	46DVA-CFKS	12 7/8"	10 7/8"	2"
4" x 6 5/8"	46DVA-CFKS-S	12 7/8"	10 7/8"	2"

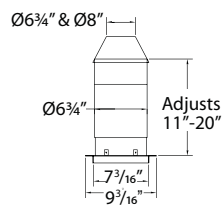
### Ceiling Firestop



Required for multi-story vertical installations at the second floor and any subsequent floors. 4"x 6 5/8" style may vary.

SIZE	STOCK #	A	B	C
4" x 6 5/8"	46DVA-FS	6 3/4"	11"	9"
5" x 8"	58DVA-FS	8 1/4"	12 1/2"	10 1/2"

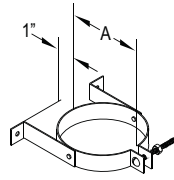
### Attic Insulation Shield



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 #
4" x 6 5/8"	46DVA-IS
5" x 8"	58DVA-IS

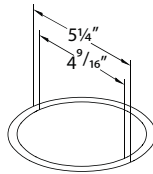
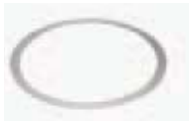
### Wall Strap



Use to support vent pipe. Provides 1" clearance. Recommend installing Wall Straps at 4-foot intervals on vertical runs.

SIZE	STOCK #	A
4" x 6 3/8"	46DVA-WS	6 5/8"
5" x 8"	58DVA-WS	8"

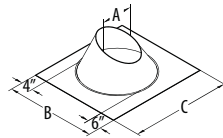
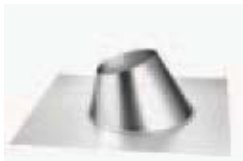
### Restrictor Disk



Use only in accordance with specific appliance manufacturer's installation instructions to restrict incoming combustion air.

SIZE	STOCK #	A	B
4" x 6 3/8"	46DVA-RD	5 1/4"	4 7/16"
5" x 8"	58DVA-RD	7"	6"

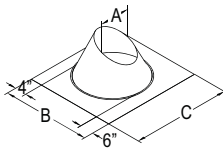
### Adjustable Roof Flashing



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. Made of galvalume.

SIZE	STOCK #	A	B	C
4" x 6 3/8"	46DVA-F6	6 3/4"	19 1/4"	19 1/4"
5" x 8"	58DVA-F6	8 1/2"	21 1/2"	21 1/2"

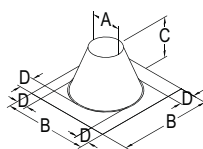
### Steep Roof Flashing



Use to weather proof the penetration of vent pipe through the roof. Storm Collar required. For roof pitches of 7/12 - 12/12. Made of galvalume.

SIZE	STOCK #	A	B	C
4" x 6 3/8"	46DVA-F12	6 3/4"	21 1/2"	19 1/4"
5" x 8"	58DVA-F12	8 1/2"	23 1/2"	21 1/2"

### Flat Roof Flashing

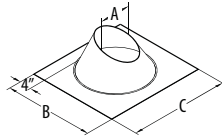


Use to weather proof the penetration of vent pipe through the roof. Storm Collar required. Use on flat roofs, chase enclosures, or masonry chimney. Made of galvalume.

SIZE	STOCK #	A	B	C	D
4" x 6 3/8"	46DVA-FF	6 3/4"	21 1/2"	12"	4"
5" x 8"	58DVA-FF	8 1/2"	23 1/2"	12"	4"

## Dead Soft Aluminum Flashings

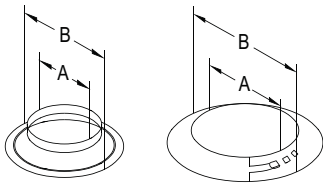
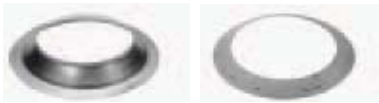
**\*updated dimensions\***



Use with metal or tile roofs. Available in sizes 4" x 6 5/8" and 5" x 8", in 0/12-6/12 (shown) and 7/12-12/12 styles. Made of malleable dead soft aluminum. Refer to roof flashings tables (previous page) for dimensions.

SIZE	STYLE	STOCK #	A	B	C
4" x 6 5/8"	0/12-6/12	46DVA-F6DS	6 3/4"	27 1/2"	24"
4" x 6 5/8"	7/12-12/12	46DVA-F12DS	8 3/4"	22"	25"
5" x 8"	0/12-6/12	58DVA-F6DS	8 1/2"	29 1/2"	24"
5" x 8"	7/12-12/12	58DVA-F12DS	8 1/2"	24 3/4"	27"

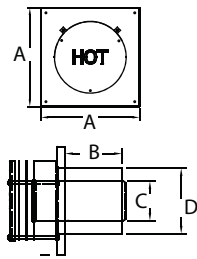
## Storm Collar



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

SIZE	STOCK #	A	B
4" x 6 5/8"	46DVA-SC	6 5/8"	10 5/8"
5" x 8"	58DVA-SC	8"	12"

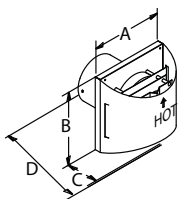
## Round Horizontal Termination Cap



Use for through-the-wall terminations. Check installation instructions for restrictions on horizontal cap terminations, such as minimum distance from windows and doors. Available in aluminum only. Check with appliance manufacturer for approval.

SIZE	STOCK #	A	B	C	D
4" x 6 5/8"	46DVA-HRCS	11"	5 3/4"	4"	6 5/8"
5" x 8"	58DVA-HRCS	11"	5 3/4"	4 15/16"	8 1/8"

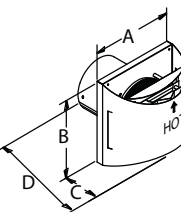
### Sconce Termination Cap



Use for horizontal through-the-wall terminations. Check installation instructions for restrictions on horizontal cap terminations, such as minimum distance from windows and doors. Available in aluminum, stainless steel (S), and copper (C). Check with appliance manufacturer for approval. Patented.

SIZE	STOCK #	A	B	C	D
4" x 6 3/8"	46DVA-HSC	11 1/16"	11"	6 3/8"	12 3/8"
4" x 6 3/8"	46DVA-HSC-S	11 1/16"	11"	6 3/8"	12 3/8"
4" x 6 3/8"	46DVA-HSC-C	11 1/16"	11"	6 3/8"	12 3/8"
5" x 8"	58DVA-HSC	11 1/16"	11"	6 3/8"	12 3/8"
5" x 8"	58DVA-HSC-S	11 1/16"	11"	6 3/8"	12 3/8"
5" x 8"	58DVA-HSC-C	11 1/16"	11"	6 3/8"	12 3/8"

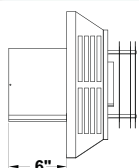
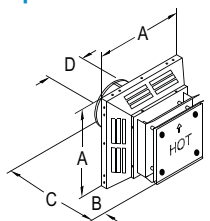
### High-Wind Sconce Termination Cap



Use for horizontal through-the-wall terminations. Provides improved performance in high wind conditions. Check installation instructions for restrictions on horizontal cap terminations, such as minimum distance from windows and doors. Available in aluminum, stainless steel (S), and copper (C). Check with appliance manufacturer for approval. Patented. Includes heat deflector that may be required by appliance manufacturer.

SIZE	STOCK #	A	B	C	D
4" x 6 3/8"	46DVA-HSCH	11 1/16"	11"	6 3/8"	12 3/8"
4" x 6 3/8"	46DVA-HSCH-S	11 1/16"	11"	6 3/8"	12 3/8"
4" x 6 3/8"	46DVA-HSCH-C	11 1/16"	11"	6 3/8"	12 3/8"
5" x 8"	58DVA-HSCH	11 1/16"	11"	6 3/8"	12 3/8"
5" x 8"	58DVA-HSCH-S	11 1/16"	11"	6 3/8"	12 3/8"
5" x 8"	58DVA-HSCH-C	11 1/16"	11"	6 3/8"	12 3/8"

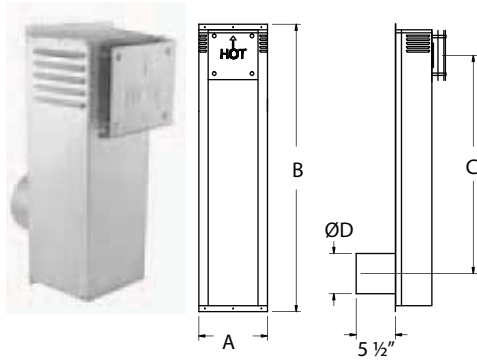
### Square Horizontal Termination Cap **\*updated dimensions\***



Use for standard and high-wind through-the-wall terminations. Check installation instructions for restrictions on horizontal cap terminations, such as minimum distance from windows and doors. Available in aluminum, stainless steel (S), and copper (C).

SIZE	STOCK #	A	B	C	D
4" x 6 3/8"	46DVA-HC	13 1/2"	6 7/8"	12 1/2"	6 5/8"
4" x 6 3/8"	46DVA-HC-S	13 1/2"	6 7/8"	12 1/2"	6 5/8"
4" x 6 3/8"	46DVA-HC-C	13 1/2"	6 7/8"	12 1/2"	6 5/8"
5" x 8"	58DVA-HC	16"	6 7/8"	12 1/2"	8 1/8"
5" x 8"	58DVA-HC-S	16"	6 7/8"	12 1/2"	8 1/8"
5" x 8"	58DVA-HC-C	16"	6 7/8"	12 1/2"	8 1/8"

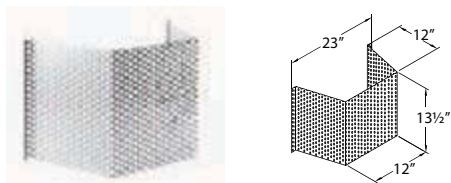
### Snorkel Termination Cap



Use for horizontal through-the-wall terminations when a vertical rise is desired in the system to meet appliance manufacturer recommended minimum heights. Do not enclose in the wall or install below grade.

SIZE	STOCK #	A	B	C
4" x 6 5/8"	46DVA-SNK14	10"	23 3/4"	14"
4" x 6 5/8"	46DVA-SNK36	10"	45 3/4"	36"
5" x 8"	58DVA-SNK14	10"	23 3/4"	14"
5" x 8"	58DVA-SNK36	10"	45 3/4"	36"

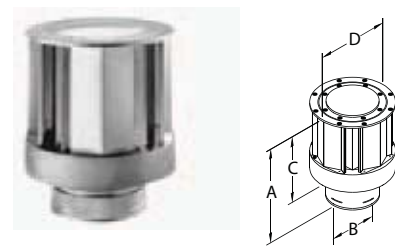
### Horizontal Windguard



Use with through-the-wall termination cap where high winds are present. Also use as a safety heat shield to prevent children or others from coming into contact with the vent termination cap. Fits both 4" x 6 5/8" and 5" x 8" terminations.

STOCK #
46DVA-WG

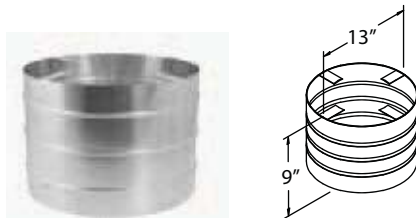
### High-Wind Termination Cap



Use for vertical terminations only. Provides improved performance in high wind conditions. For vertical terminations only. Available in aluminum.

SIZE	STOCK #	A	B	C	D
4" x 6 5/8"	46DVA-VCH	12 3/8"	6 5/8"	7 5/8"	10 1/2"
5" x 8"	58DVA-VCH	12 3/8"	8"	7 5/8"	10 1/2"

### Vertical Wind Guard

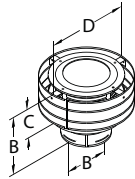


Use only with High Wind Termination Cap when additional wind protection is needed. Fits both 4" x 6 5/8" and 5" x 8" terminations.

SIZE	STOCK #
4" x 6 5/8"	46DVA-VWG



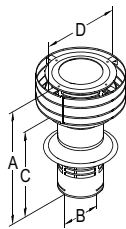
### Low-Profile Termination Cap



Use for vertical terminations only. Check the appliance manufacturer's instructions to determine which caps are approved for use with their appliance. Available in aluminum and stainless steel (S).

SIZE	STOCK #	A	B	C	D
4" x 6 5/8"	46DVA-VC	8 1/4"	6 5/8"	3 1/4"	12 1/2"
4" x 6 5/8"	46DVA-VC-S	8 1/4"	6 5/8"	3 1/4"	12 1/2"
5" x 8"	58DVA-VC	8 5/8"	8"	7 5/8"	14 1/2"
5" x 8"	58DVA-VC-S	8 5/8"	8"	7 5/8"	14 1/2"

### Extended Vertical Termination Cap



Use in extremely cold climates. Similar to the Low Profile Termination Cap but taller in overall height to separate the air intake vents from the exhaust area. Refer to the appliance manufacturer's installation instructions for requirements. Available in aluminum.

SIZE	STOCK #	A	B	C	D
4" x 6 5/8"	46DVA-VCE	16 3/8"	6 5/8"	3 1/2"	10 1/2"
5" x 8"	58DVA-VCE	8 1/2"	8"	7 5/8"	12 1/2"

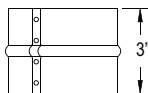
### Aluminum Flex Length



Use 3" flex with the co-linear system and 4" flex with Conversion Kits. See DuraFlex AL section for more information. Flexible .010" thick 2-ply aluminum. Pricing for Aluminum Flex Length are listed under DuraFlex AL.

SIZE	LENGTH	STOCK #
3"	35'	3DFA-35
4"	35'	4DFA-35

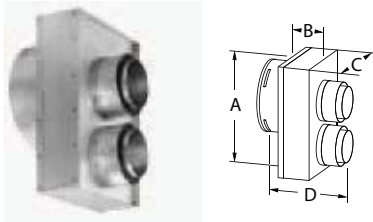
### Flex Coupling



Use to join flex liner sections together. Pricing for Aluminum Flex Length are listed under DuraFlex AL.

SIZE	STOCK #
3"	3DFA-FC
4"	4DFA-FC

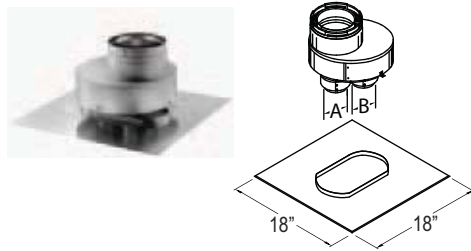
### Co-Axial To Co-Linear Appliance Connector



Use Co-Linear Adapter for stoves with 4" X 6 5/8" co-axial outlets. Refer to appliance manufacturer's installation instructions for approval. Uses 3" aluminum flex for both intake and exhaust.

SIZE	CONNECTOR	STOCK #	A	B	C	D
4" x 6 5/8"	STANDARD	46DVA-GCL	10 1/2"	3"	7 1/2"	7 1/8"
4" x 6 5/8"	TRAVIS INDUSTRIES	46DVA-TCL	10 1/2"	3"	7 1/2"	6 3/8"
4" x 6 5/8"	VERMONT CASTINGS	46DVA-VCL	10 1/2"	3"	7 1/2"	8 5/8"

### Chimney Liner Termination Kit

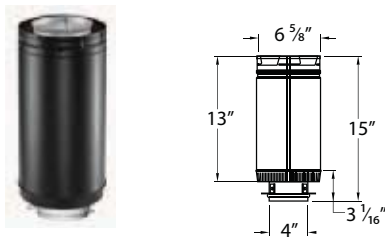


Kit includes: Termination Connector and Flashing. DirectVent Pro 4" x 6 5/8" Termination Caps, 3" Flex, and Co-Linear Flex Connectors are sold separately.

DirectVent Pro chimney liner termination kit must be tested and listed for each appliance. Refer to stove manufacturer's installation instructions.

SIZE	STOCK #	ØA	ØB
4" x 6 5/8"	46DVA-GK	3"	3"
4" x 6 5/8"	46DVA-CT	4"	3"

### Appliance Adapter



Attaches to appliance outlet allowing pipe to easily connect or disconnect. For Vermont Castings appliances.

SIZE	STOCK #
4" x 6 5/8"	46DVA-ADP

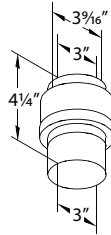
### Reducer



Use to reduce vent diameter. Check with appliance manufacturer for approval.

SIZE	REDUCE TO	STOCK #
5" X 8"	4" x 6 5/8"	58DVA-J
6" X 8 5/8"	5" X 8"	68DVS-8

### Co-Linear Flex Connector



Use as a flex connector with inserts with 3" co-linear intake and exhaust ports.

SIZE	STOCK #
4" x 6 5/8"	46DVA-ADF

### Co-Linear Kit w/Flex

**\*updated dimensions\***

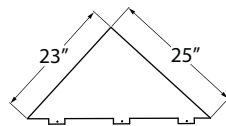


Use when installing a direct vent co-linear insert into a masonry chimney.

Kit includes: Choice of High-Wind Termination Cap or Prairie Termination Cap; and two pieces of Aluminum Flex lengths - one Red (exhaust), and one Green (air intake). See chart for diameters and lengths.

STOCK #	RED FLEX (EXHAUST)	GREEN FLEX (AIR INTAKE)	CAP STYLE	CAP SIZE
46DVA-CL33	3" x 35'	3" x 35'	HIGH-WIND	4" x 6 5/8"
46DVA-CL33H	4" x 35'	3" x 4'	HIGH-WIND	4" x 6 5/8"
46DVA-CL34	4" x 35'	3" x 35'	HIGH-WIND	4" x 6 5/8"
46DVA-CL33P	3" x 35'	3" x 35'	PRAIRIE	4" x 6 5/8"
46DVA-CL34P	4" x 35'	3" x 35'	PRAIRIE	4" x 6 5/8"

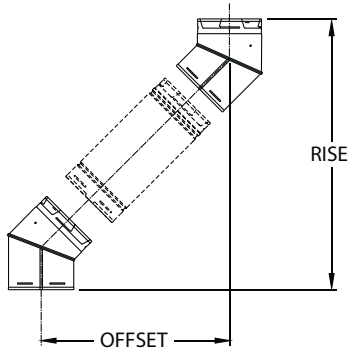
### Snow Splitter



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



SIZE		4" x 6 5/8"		5" x 8"	
Elbow Degrees	Chimney Section	Offset Inches	Rise Inches	Offset Inches	Rise Inches
45°	0"	4 7/8"	13 3/8"	5 5/8"	15 3/8"
45°	6"	8"	16 1/2"	8 7/8"	18 3/8"
45°	9"	10 1/8"	18 5/8"	10 7/8"	20 5/8"
45°	12"	12 1/4"	20 3/4"	13"	22 5/8"
45°	24"	20 5/8"	29 1/8"	21 3/8"	31 1/8"
45°	36"	29"	37 1/2"	29 7/8"	39 3/8"
45°	48"	37 3/8"	45 7/8"	38 1/4"	47 7/8"

## **Type B Gas Vent**

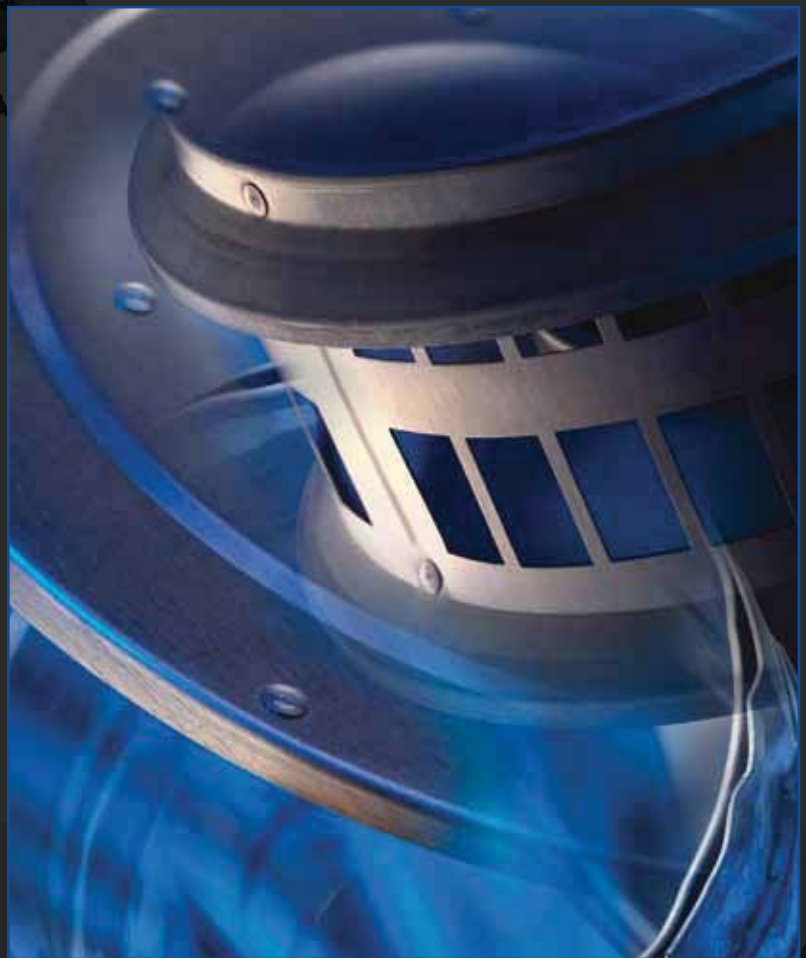
**Type B gas venting system.**

**UL 441 and ULC S605.**

## **DuraFlex® AL**

**Aluminum flexible relining**

**UL 1777 & ULC S635.**



## Specifications

### Applications

DuraVent's Type B Gas Vent system. Use with natural gas or liquid propane category I and draft hood equipped appliances, and appliances tested and listed to use Type B Gas Vent. Applications include: natural gas fireplaces, gas-fired furnaces, boilers, water heaters, and wall or space heating applications.

### Materials and Construction

Round Type B Gas Vent 3" - 8" and oval 4" - 6": Aluminum .012" inner wall, galvanized .018" outer wall.  
Round Type B Gas Vent 10" - 16": Aluminum .016" inner wall, galvanized .021" outer wall.  
Round Type B Gas Vent 18" - 30": aluminum .020" inner wall, galvanized .021" outer wall.  
3"-16" diameters feature twist-lock fittings, screws required for 14" and larger diameters.

### Clearances

1" clearance to combustibles in single and multi-family dwellings.

### Diameters

3" - 30" Round Diameter.  
4", 5", and 6" Oval.

### Listings

UL Listed to UL 441 and UL 1777 (MH6357).  
ULC Listed to ULC S605 (CMH1276 & CMH1407).



## UL 441 and ULC S605 System

### Type B Gas Vent

DuraVent's innovative system for a lock-tight connection for Type B Gas Vent called DuraLock. See the alignment indicators meet; feel the ends grasp together; hear the snap as the connection firmly locks into place. (See next page.)

DuraVent Type B Gas Vent is designed to meet the rugged demands of the job site. The inner wall is recessed to eliminate damage in handling.

Type B Gas Vent has been engineered to heat up rapidly. It remains hot during the operation of the appliance with minimal condensation in the appliance and vent system. Pipe lengths are available in multiple lengths, 6 to 60 inches, with a full complement of adjustable and rigid fittings.

Type B gas vents are not suitable for use with wood-burning or coal applications, industrial ovens, exhaust ranges and hoods, grease or pollution ducting, or as free-standing exhaust vents for high-temperature applications.



## c-UL-us 441 System

### DuraConnect II

Double-wall connector pipe, UL approved as a Type B Gas Vent segment, for use in conditioned and unconditioned attics and crawl spaces. (Not to be enclosed and cannot penetrate through walls, floors, or ceilings.) DuraVent's DuraConnect II is known as the "Contractor's Choice" for its ease of installation and durability.

DuraConnect II's heavy-duty construction features precision twist-lock connection, which provides ease of assembly or disassembly without damage to the product.

The double-wall flexible vent is certified as having the equivalent thermal properties as Type B Gas Vent and can be used when a Type B Gas Vent double-wall connector is required.

## UL 1777 & ULC S635 System

### DuraFlex AL

An economical venting system used for relining masonry chimney for natural gas or liquid propane category I, draft hood equipped appliances, and appliances tested and listed to use Type B Gas Vent for a wide range of applications, including: natural gas fireplaces, gas-fired furnaces, boilers, water heaters, and wall or space heating applications. Protects the masonry chimney from damaging effects of flue product condensation.



## Specifications

### DuraConnect II

#### Materials and Construction

.010" Double-wall aluminum flex inner wall (two-ply .005"), .018" galvalume outer wall, with twist-lock connections.

#### Clearances

1" to combustibles.

#### Diameters

3" - 6".

#### Listings

c-UL-us Listed to UL 441 and ULC/ORD-C441 (MH14089).



### DuraFlex AL

#### Applications

**DuraFlex AL (DFAL)** aluminum flexible relining for masonry chimney. Use with natural gas or liquid propane category I, draft hood equipped appliances, and appliances tested and listed to use Type B Gas Vent. Applications include: natural gas fireplaces, gas-fired furnaces, boilers, water heaters, and wall or space heating applications.

#### Materials and Construction

Single-wall .010" aluminum (2-ply of .005").

#### Clearances

0" clearance to masonry.

#### Diameters

3", 4", 5", 5 1/2", 6", 7", and 8".

#### Listings

Listed to UL 1777 and ULC S635.



# What makes us different from the rest?

DuraVent's Type B Gas Vent: A completely engineered system.



No sharp tabs to bend into slots. Twist locks into place.

Designed to meet the rugged demands of the job site with a recessed inner wall

Innovative system for a firm, lock-tight connection

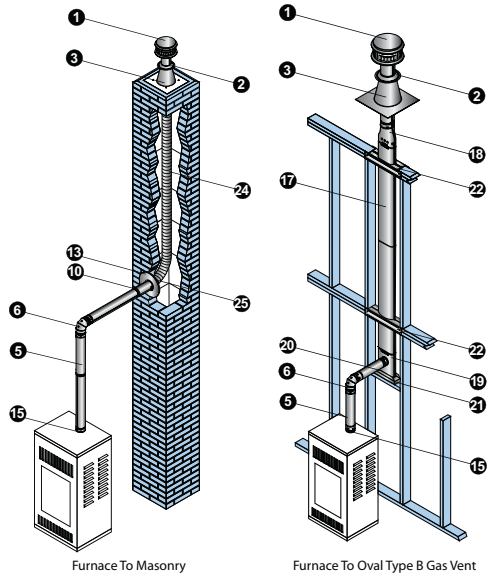
Remains hot during operation with minimal condensation

Engineered to heat-up rapidly.

Limited Lifetime Warranty

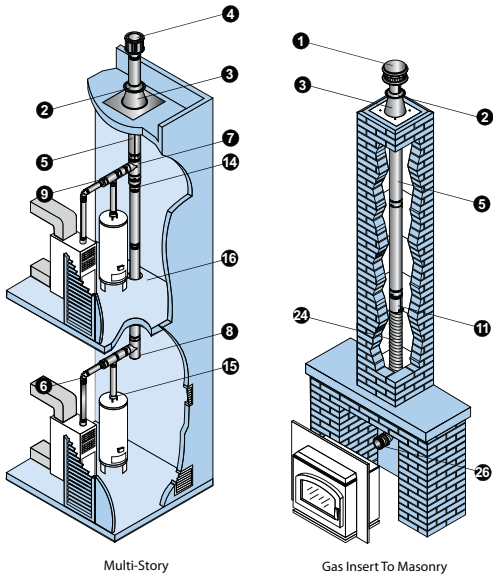


## Typical Installations



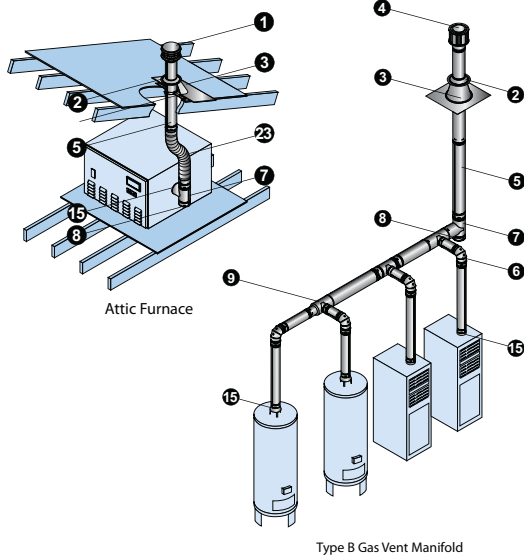
Furnace To Masonry

Furnace To Oval Type B Gas Vent



Multi-Story

Gas Insert To Masonry

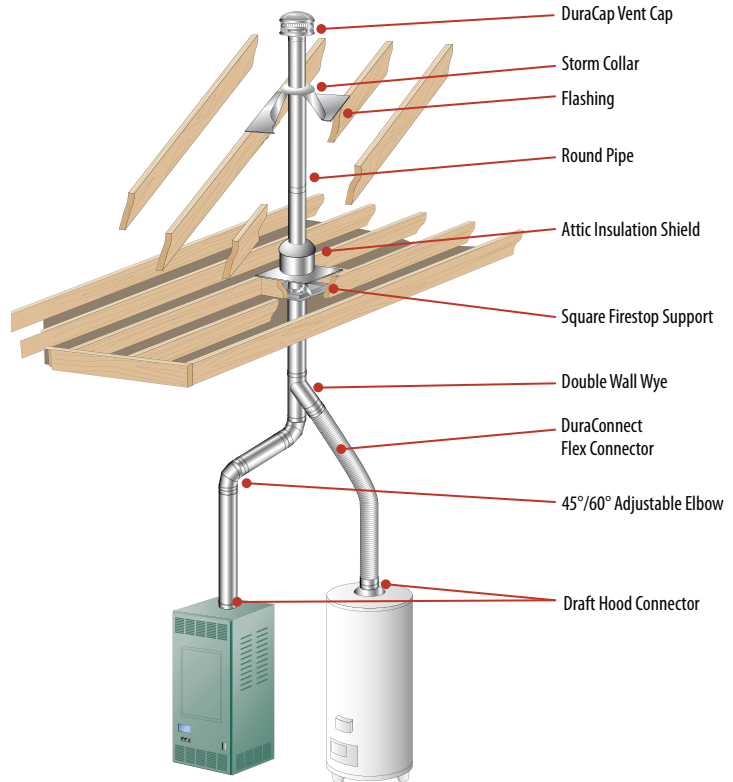


Attic Furnace

Type B Gas Vent Manifold

Installation Key			
1	DuraCap	14	Increaser
2	Storm Collar	15	Draft Hood Connector
3	Roof Flashing	16	Square Firestop Support
4	High-Wind Cap	17	Oval Pipe
5	Round Pipe	18	Oval to Round Adapter
6	Elbow	19	Oval Tee
7	Tee	20	Oval Tee Cap
8	Tee Cap	21	Oval Tee Support
9	Increaser Tee	22	Oval Firestop Spacer
10	Female Flex Adapter	23	DuraConnect II
11	Male Adapter	24	DuraFlex AL Length
12	Double-Wall Wye	25	DuraFlex Motar Sleeve
13	Pipe Collar	26	DuraFlex AL Coupling

Refer to our Typical Venting Installation drawings to select the appropriate component parts for your installation.



## How Size and Height Affect Stove Performance

- The amount of heat the vent gases lose as they flow determines how much condensation will occur and how strong the draft will be. To control the heat losses, proper selection of venting materials is of vital importance.
- Double-wall Type B Gas Vent, with an aluminum inner wall and a galvanized steel outer wall, has proven to be the ideal choice in venting materials.
- A Type B Gas Vent Sizing Handbook is available to assist you with the proper installation. View online at [www.duravent.com](http://www.duravent.com), under catalogs and instructions.

## Vent Termination Chart

Using listed Type B Gas Vent caps may terminate in accordance with this table.

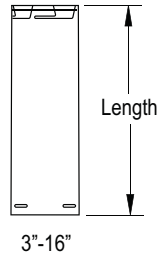
Roof Pitch	Minimum Height	
	Feet	Meters
Flat to 7/12	1	0.30
Over 7/12 to 8/12	1.5	0.46
Over 8/12 to 9/12	2	0.61
Over 9/12 to 10/12	2.5	0.76
Over 10/12 to 11/12	3.25	0.99
Over 11/12 to 12/12	4	1.22
Over 12/12 to 14/12	5	1.52
Over 14/12 to 16/12	6	1.83
Over 16/12 to 18/12	7	2.13
Over 18/12 to 20/12	7.5	2.29
Over 20/12 to 21/12	8	2.44

## Gas Vent Specification Chart

Item	Clearances	Maximum Height	Outer Tube Ø	Materials	Locking Device	UL Listing	ULC Listing	NOTES
Type B Vent Round 3"-8"	1 inch to combustibles	100 feet	5/8" larger than ID	Inner - .012" Aluminum Outer - .018" Galvanized	DuraLock	MH6357	CMH1276	<p>1. Clearance to combustibles is the air space between vent and combustibles.</p> <p>2. Maximum height varies with equipment over 50', for taller applications refer to SDV sizing handbook (L202). 14"-16" Pipe require screws.</p> <p>3. When oval is used on wall furnaces, minimum height required from bottom of furnace to cap is 12', minimum 16" stud space.</p> <p>4. Limited by sizing tables.</p> <p>5. 18" pipe OD is one inch larger than ID and 20" - 30" OD is 2" greater than ID.</p>
Round 10" to 16" See note 2	1 inch to combustibles	100 feet	1" larger than ID	Inner - .016" Aluminum Outer - .021" Galvanized	TwistLock Screws	MH6357	CMH1276	
Round 18" to 30"	1 inch to combustibles	100 feet	2" larger than ID See note 5	Inner - .020" Aluminum Outer - .021" Galvanized	Screws	MH6357	CMH1276	
Oval Type B Vent 4" and 5"	2" x 4" & 2" x 6" stud wall and 1 inch to combustibles	See Note 3	2 1/2" x 7 1/4" 3 1/8" x 10 7/8"	Inner - .012" Aluminum Outer - .018" Galvanized	Button Lock	MH6357	CMH1276	
Oval Type B Vent 6"	2" x 6" stud wall and 1 inch to combustibles	See Note 3	3 1/4" x 12"	Inner - .012" Aluminum Outer - .018" Galvanized	Button Lock	MH6357	CMH1276	
Type B Vent 3" to 6" Round Liner	0"/Masonry	50 feet	5/8" larger than ID	Inner - .012" Aluminum Outer - .018" Galvanized	DuraLock	MH14420 MH6357	CMH1407	
DuraFlex AL Gas Relining 3" to 6"	0"/Masonry	50 feet	1/4" larger than ID	.010" Aluminum Flex	Screws DuraLock	MH14420	--	
DuraConnect 3" to 6"	1 inch to combustibles	See Note 4	1/4" larger than ID	.010" Aluminum Flex .018" Galvalume	DuraLock	MH14089	--	
DuraConnect II 3" to 6"	1 inch to combustibles	See Note 4	1/4" larger than ID	.010" Aluminum Flex .018" Galvalume	DuraLock	MH14089	--	

# Round Type B Gas Vent

## Round Rigid Pipe



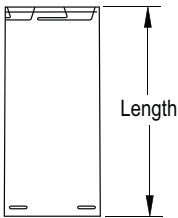
Use for venting listed natural gas or liquid propane Category I, draft hood appliances, or appliances that have been specifically tested and listed to use Type B Gas Vent. The appliances listed typically use Type B Gas Vent systems, but not always: Furnaces, Water Heaters, Boilers, Room Heaters, Decorative Gas Appliances, and Unit Heaters.

To calculate installed length, subtract 1 1/2" from each connection of vent. A 1" clearance (air space) to combustibles must be maintained. To calculate OD add 5/8".

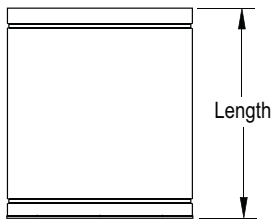
Type B Gas Vent systems may be used on other gas-burning appliances, when specified by appliance manufacturer. Type B Gas Vent is not used for Category II, III, or IV gas appliances, unless specified by appliance manufacturer.

SIZE	LENGTH	ORDER #	STOCK #	SIZE	LENGTH	ORDER #	STOCK #
3"	6"	3GV06	0040	6"	6"	6GV06	0043
3"	12"	3GV12	0030	6"	12"	6GV12	0033
3"	18"	3GV18	0020	6"	18"	6GV18	0023
3"	24"	3GV24	0385	6"	24"	6GV24	0388
3"	36"	3GV36	0010	6"	36"	6GV36	0013
3"	48"	3GV48	0400	6"	48"	6GV48	0403
3"	60"	3GV60	0001	6"	60"	6GV60	0004
4"	6"	4GV06	0041	7"	6"	7GV06	0044
4"	12"	4GV12	0031	7"	12"	7GV12	0034
4"	18"	4GV18	0021	7"	18"	7GV18	0024
4"	24"	4GV24	0386	7"	24"	7GV24	0389
4"	36"	4GV36	0011	7"	36"	7GV36	0014
4"	48"	4GV48	0401	7"	48"	7GV48	0404
4"	60"	4GV60	0002	7"	60"	7GV60	0005
5"	6"	5GV06	0042	8"	12"	8GV12	0035
5"	12"	5GV12	0032	8"	18"	8GV18	0025
5"	18"	5GV18	0022	8"	24"	8GV24	0390
5"	24"	5GV24	0387	8"	36"	8GV36	0015
5"	36"	5GV36	0012	8"	48"	8GV48	0405
5"	48"	5GV48	0402	8"	60"	8GV60	0006
5"	60"	5GV60	0003				

## Large Diameter Round Rigid Pipe



10"-16"

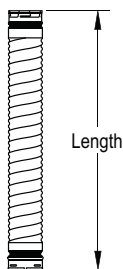


18"-30"

To calculate installed length, subtract 1 1/2" (for 10"-16" diameter) and 1 1/8" (for 18"-30" diameter) from each connection of vent. A 1" clearance (air space) to combustible materials must be maintained. 18"-30" diameters are built to order and can not be returned.

SIZE	LENGTH	ORDER #	STOCK #	O.D.
10"	18"	10GV18	2426	11"
10"	36"	10GV36	2516	11"
12"	18"	12GV18	2427	13"
12"	36"	12GV36	2517	13"
14"	18"	14GV18	2520	15"
14"	36"	14GV36	2500	15"
16"	18"	16GV18	2521	17"
16"	36"	16GV36	2501	17"
18"	18"	18GV18	2522	20"
18"	36"	18GV36	2502	20"
20"	18"	20GV18	2523	22"
20"	36"	20GV36	2503	22"
22"	18"	22GV18	2524	24"
22"	36"	22GV36	2504	24"
24"	18"	24GV18	2525	26"
24"	36"	24GV36	2505	26"
26"	18"	26GV18	2526	28"
26"	36"	26GV36	2506	28"
28"	18"	28GV18	2527	30"
28"	36"	28GV36	2507	30"
30"	18"	30GV18	2528	32"
30"	36"	30GV36	2508	32"

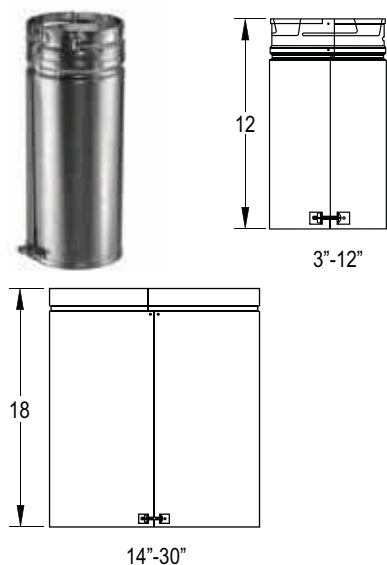
## Flex Pipe



Use for offsets when relining a masonry chimney with DuraVent Type B Gas Vent. Add 5/8" for OD.

SIZE	LENGTH	ORDER #	STOCK #
4"	5'	4GV60F	0002F
5"	5'	5GV60F	0003F
6"	5'	6GV60F	0004F

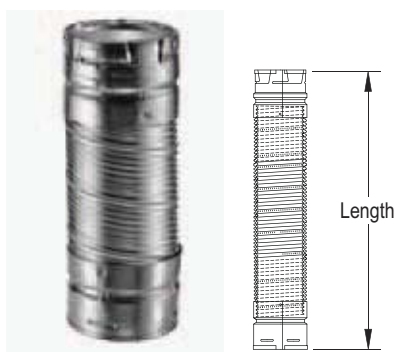
### Round Adjustable Pipe



Use to add length to a straight length of Type B Gas Vent. 12" adds 3"-10" of length, 18" adds 10"-16" of length. Requires a 2" overlap.

SIZE	LENGTH	ORDER #	STOCK #	SIZE	LENGTH	ORDER #	STOCK #
3"	3" - 10"	3GV12A	0050	16"	10" - 16"	16GV18A	2671
4"	3" - 10"	4GV12A	0051	18"	10" - 16"	18GV18A	2672
5"	3" - 10"	5GV12A	0052	20"	10" - 16"	20GV18A	2673
6"	3" - 10"	6GV12A	0053	22"	10" - 16"	22GV18A	2674
7"	3" - 10"	7GV12A	0054	24"	10" - 16"	24GV18A	2675
8"	3" - 10"	8GV12A	0055	26"	10" - 16"	26GV18A	2676
10"	3" - 10"	10GV12A	2456	28"	10" - 16"	28GV18A	2677
12"	3" - 10"	12GV12A	2457	30"	10" - 16"	30GV18A	2678
14"	10" - 16"	14GV18A	2670				

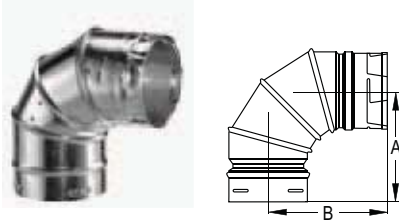
### DuraConnect II - Double-Wall Flex Connector **\*updated offering\***



Use as a connector system to replace rigid gas vent with a flexible section. DuraConnect II can be used when Type B gas vent double-wall connector is required. Not to be enclosed and cannot penetrate through walls, floors, or ceilings. Twist-lock connectors on each end.

SIZE	LENGTH	ORDER #	STOCK #
3"	12"	3DV12DW	6505
3"	24"	3DV24DW	6504
3"	36"	3DV36DW	6503
3"	48"	3DV48DW	6502
3"	60"	3DV60DW	6501
4"	12"	4DV12DW	6605
4"	24"	4DV24DW	6604
4"	36"	4DV36DW	6603
4"	48"	4DV48DW	6602
4"	60"	4DV60DW	6601
5"	12"	5DV12DW	6705
5"	24"	5DV24DW	6704
5"	36"	5DV36DW	6703
5"	48"	5DV48DW	6702
5"	60"	5DV60DW	6701
6"	12"	6DV12DW	6805
6"	24"	6DV24DW	6804
6"	36"	6DV36DW	6803
6"	48"	6DV48DW	6802
6"	60"	6DV60DW	6801

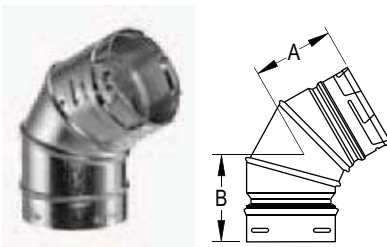
### 90° Adjustable Elbow



Offsets obstructions as needed. Elbows (3"-8") swivel 360° at base. 90° Elbow is adjustable from 0° to 90° in sizes 3"-10". Elbows must be supported when installed.

SIZE	ORDER #	STOCK #	A	B
3"	3GVL90	0060	5 1/2"	5 1/4"
4"	4GVL90	0061	6"	5 1/2"
5"	5GVL90	0062	6 1/2"	6 1/2"
6"	6GVL90	0063	6 3/4"	6 3/4"
7"	7GVL90	0064	7 3/4"	7 1/2"
8"	8GVL90	0065	7 3/4"	7 1/2"
10"	10GVL90	2466	10 1/4"	9 5/8"

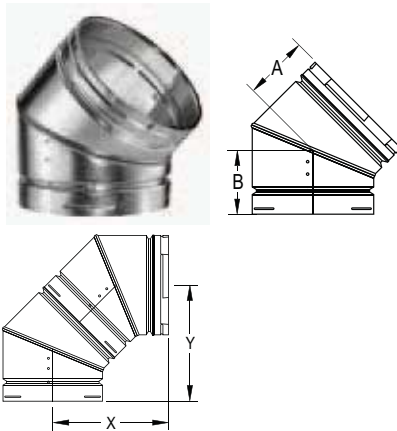
### 45°/60° Adjustable Elbow



Offsets obstructions as needed. Elbows swivel 360° at base. 45°/60° Elbow is adjustable from 0° to 60°. Elbows must be supported when installed.

SIZE	ORDER #	STOCK #	A	B
3"	3GVL45	0070	4"	4"
4"	4GVL45	0071	4 1/2"	4 1/2"
5"	5GVL45	0072	4 1/2"	4 1/2"
6"	6GVL45	0073	5"	5"

### 45° Elbow

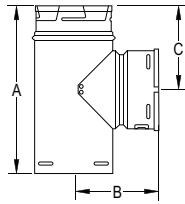


90° offset using two 45° Elbows

Offsets obstructions as needed. 45° Elbow in size 7"-30". Elbows up to 10" are adjustable. Sizes 12" and larger are not adjustable. Elbows must be supported when installed.

SIZE	ORDER #	STOCK #	A	B	X	Y
7"	7GVL45	0074	4 3/4"	4 3/4"	10 1/2"	10 1/2"
8"	8GVL45	0075	4 3/4"	4 3/4"	10 1/4"	10 1/4"
10"	10GVL45	2476	5 1/2"	5 3/4"	--	--
12"	12GVL45	2477	6 1/8"	6 1/4"	13 7/8"	14"
14"	14GVL45	2550	6 1/2"	6 7/8"	14 7/8"	15 1/4"
16"	16GVL45	2551	7 1/4"	7 3/8"	16 1/2"	16 1/2"
18"	18GVL45	2552	9"	8 1/2"	20 1/8"	21 7/8"
20"	20GVL45	2553	9"	8 3/8"	20 1/4"	21 3/4"
22"	22GVL45	2554	8 1/2"	9 3/4"	20 3/8"	21 5/8"
24"	24GVL45	2555	9 1/2"	9 3/4"	21"	21 7/8"
26"	26GVL45	2556	10 1/4"	10 1/4"	21 1/2"	22 3/4"
28"	28GVL45	2557	9 3/4"	10"	21 1/2"	22 3/4"
30"	30GVL45	2558	9 3/4"	10"	23 3/4"	24"

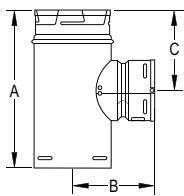
### Standard Tee



Use for a 90° offset or to combine connectors from two or more appliances into a common vent. Branch swivels for alignment. 3"-8" feature swivel on male end.

SIZE	ORDER #	STOCK #	A	B	C
3"	3GVT	0080	9"	4 1/2"	4 1/4"
4"	4GVT	0081	9 7/8"	4 3/4"	4 3/4"
5"	5GVT	0082	11"	5 1/2"	5 1/4"
6"	6GVT	0083	12"	5 3/4"	5 5/8"
7"	7GVT	0084	13"	6 5/16"	6 1/4"
8"	8GVT	0085	14"	7 3/8"	7"
10"	10GVT	2586	17 1/2"	8 1/2"	8 3/4"
12"	12GVT	2587	19 3/4"	10"	9 3/8"
14"	14GVT	2540	20 7/8"	11"	10 1/2"
16"	16GVT	2541	24 1/2"	12 1/4"	12 1/4"
18"	18GVT	2542	29"	15"	15"
20"	20GVT	2543	32"	16"	16"
22"	22GVT	2544	33"	17"	17"
24"	24GVT	2545	35"	18"	18"
26"	26GVT	2546	35 1/2"	18 1/2"	17 3/4"
28"	28GVT	2547	36"	19"	18 1/2"
30"	30GVT	2548	41 1/2"	20 1/2"	20 3/4"

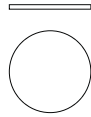
### Increaser Tee



Attaches smaller pipe to branch and larger pipe to body. Use for a 90° offset or to combine connectors from two or more appliances into a common vent. Branch swivels for alignment. Swivel on male end. Additional sizes available through special order.

SIZE	ORDER #	STOCK #	A	B	C
4" x 3"	4GVTR3	0081T3	9"	4 13/16"	4 3/8"
5" x 4"	5GVTR4	0082T4	9 3/4"	5 1/2"	4 3/4"
5" x 3"	5GVTR3	0082T3	8 7/8"	5 1/2"	4"
6" x 4"	6GVTR4	0083T4	9 3/4"	6"	5 1/2"
6" x 3"	6GVTR3	0083T3	8 3/4"	6"	4"

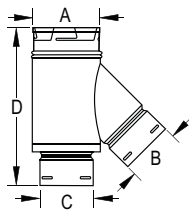
### Tee Cap



Use to cap Standard Tee or Increaser Tee. Remove Tee Cap to inspect the system; clean out debris or collected condensate from the common vent. Fits on inner liner.

SIZE	ORDER #	STOCK #
3"	3GVTC	0090
4"	4GVTC	0091
5"	5GVTC	0092
6"	6GVTC	0093
7"	7GVTC	0094
8"	8GVTC	0095
10"	10GVTC	2596
12"	12GVTC	2597
14"	14GVTC	2690
16"	16GVTC	2691
18"	18GVTC	2692
20"	20GVTC	2693
22"	22GVTC	2694
24"	24GVTC	2695
26"	26GVTC	2696
28"	28GVTC	2697
30"	30GVTC	2698

### Double-Wall Wye - 45° Branch

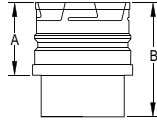


Use to combine connectors from two or more appliances into a common vent. Branch swivels for alignment. Swivel on male end. Additional sizes available through special order.

SIZE	ORDER #	STOCK #	A	B	C	D
4" x 4" x 3"	4GVY43	0425	4 1/2"	4 5/8"	3 5/8"	13 7/8"
4" x 4" x 4"	4GVY44	0426	4 1/2"	4 5/8"	4 5/8"	13 7/8"
4" x 3" x 4"	4GVY34	0427	4 1/2"	3 5/8"	4 5/8"	10 3/4"
5" x 3" x 4"	5GVY34	0430	5 1/2"	3 5/8"	4 5/8"	12 1/4"
5" x 4" x 4"	5GVY44	0431	5 1/2"	4 5/8"	4 5/8"	14"
5" x 4" x 5"	5GVY45	0432	5 1/2"	4 5/8"	5 5/8"	12"
6" x 3" x 4"	6GVY34	0440	6 1/2"	3 5/8"	4 5/8"	12 5/8"
6" x 4" x 3"	6GVY43	0441	6 1/2"	4 5/8"	3 5/8"	13 1/2"
6" x 4" x 4"	6GVY44	0442	6 1/2"	4 5/8"	4 5/8"	14"
6" x 4" x 5"	6GVY45	0443	6 1/2"	4 5/8"	5 5/8"	13 1/4"
6" x 3" x 5"	6GVY35	0445	6 1/2"	3 5/8"	5 5/8"	13 1/4"
6" x 4" x 6"	6GVY46	0446	6 1/2"	4 5/8"	6 5/8"	12"
7" x 3" x 5"	7GVY35	0450	7 1/2"	3 5/8"	5 5/8"	12 1/4"



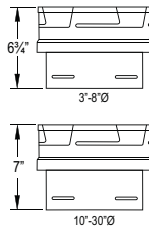
### Draft Hood Connector



Use to connect appliance or single-wall connector to vent system.

SIZE	ORDER #	STOCK #	A	B
3"	3GVC	0120	3"	6"
4"	4GVC	0121	3"	6"
5"	5GVC	0122	3"	6"
6"	6GVC	0123	3"	6"
7"	7GVC	0124	3"	6"
8"	8GVC	0125	3"	6"
10"	10GVC	2626	4"	7 3/8"
12"	12GVC	2627	4"	7 3/8"
14"	14GVC	2590	6"	10"
16"	16GVC	2591	5 3/4"	10"
18"	18GVC	2592	6"	12"
20"	20GVC	2593	6"	12"
22"	22GVC	2594	6"	14 3/4"
24"	24GVC	2595	6"	14"

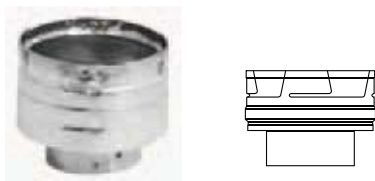
### Increaser



Use to increase vent diameter. Additional sizes available through special order. \*\*Specified diameter (i.e.: 6GVX10).

SIZE	ORDER #	STOCK #	SIZE	ORDER #	STOCK #
3" x 4"	3GVX4	0100S	7" x 8"	7GVX8	0108S
3" x 5"	3GVX5	0101S	** x 10"	**GVX10	2409
3" x 6"	3GVX6	0102S	** x 12"	**GVX12	2511
3" x 7"	3GVX7	0112S	** x 14"	**GVX14	2509
4" x 5"	4GVX5	0103S	** x 16"	**GVX16	2519
4" x 6"	4GVX6	0104S	** x 18"	**GVX18	2529
4" x 7"	4GVX7	0113S	** x 20"	**GVX20	2539
4" x 8"	4GVX8	0116S	** x 22"	**GVX22	2549
5" x 6"	5GVX6	0105S	** x 24"	**GVX24	2559
5" x 7"	5GVX7	0115S	** x 26"	**GVX26	2569
5" x 8"	5GVX8	0117S	** x 28"	**GVX28	2579
6" x 7"	6GVX7	0106S	** x 30"	**GVX30	2589
6" x 8"	6GVX8	0107S			

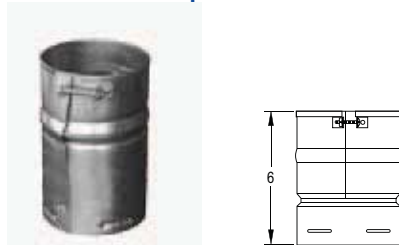
### Draft Hood Increaser



Use to increase the vent diameter directly on top of the appliance.

SIZE	ORDER #	STOCK #
3" - 4"	3GVRRA4	0187C
3" - 5"	3GVRRA5	0188C
4" - 5"	4GVRRA5	0178C

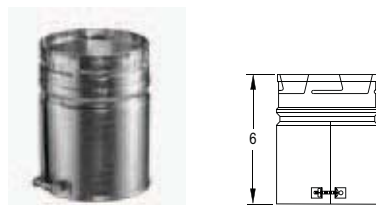
### Female Adapter



Use to connect listed Type B Gas Vent system manufactured by other companies to existing DuraVent Type B Gas Vent. For adapting to flex see DuraFlex Female Flex Adapter.

SIZE	ORDER #	STOCK #
3"	3GVAF	0496
4"	4GVAF	0497
5"	5GVAF	0498
6"	6GVAF	0499
7"	7GVAF	0488
8"	8GVAF	0495

### Male Adapter



Use to connect existing DuraVent Type B Gas Vent to a listed Type B Gas Vent system manufactured by other companies. Male adapter can also be used to attach to DuraFlex AL.

SIZE	ORDER #	STOCK #
3"	3GVAM	0490
4"	4GVAM	0491
5"	5GVAM	0492
6"	6GVAM	0493
7"	7GVAM	0487
8"	8GVAM	0494

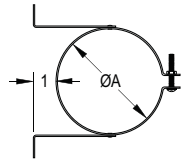
### H/C Adapter



Use to connect DuraVent Type B Gas Vent products to an existing listed Type B Gas Vent system, manufactured by other companies using locking ring system.

SIZE	STOCK #
3"	0496H
4"	0497H
5"	0498H
6"	0499H

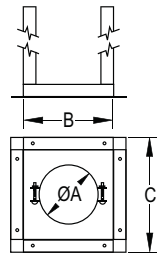
### Wall Strap



Use to provide support for offsets and horizontal runs. Recommended every 4' to support vertical common vent. Use also with DuraConnect or DuraConnect II. 10" Type B gas vent (11" OD) uses a 7" DuraPlus Chimney Wall Strap. Wall Strap legs can be rotated 360° to conceal screw.

SIZE	ORDER #	STOCK #	A
3"	3GVWS	1485	3 5/8"
4"	4GVWS	1486	4 5/8"
5"	5GVWS	1487	5 5/8"
6"	6GVWS	1488	6 5/8"
7"	7GVWS	1489	7 5/8"
8"	8GVWS	1490	8 5/8"
10"	--	9168	10 5/8"

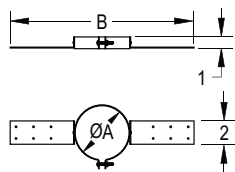
### Square Firestop Support



Use to support vent at ceiling level. Includes clamp that supports and prevents pipe sections from slipping down. Provides the mandatory 1" clearance to combustibles. Straps extend 16".

SIZE	ORDER #	STOCK #	A	B	C
3"	3GVRS	1440	3 3/4"	5 3/4"	7 3/4"
4"	4GVRS	1441	4 3/4"	6 3/4"	8 3/4"
5"	5GVRS	1442	5 3/4"	7 3/4"	9 3/4"
6"	6GVRS	1443	6 3/4"	8 3/4"	10 3/4"
7"	7GVRS	1444	7 3/4"	9 3/4"	11 3/4"
8"	8GVRS	1445	8 3/4"	10 3/4"	12 3/4"
10"	10GVRS	2620	10 3/4"	12 3/4"	14 3/4"
12"	12GVRS	2622N	12 3/4"	14 3/4"	16 3/4"

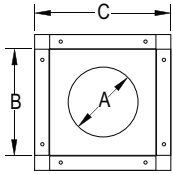
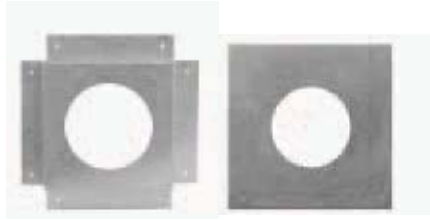
### Gas Vent Roof Support



Use to support Type B gas vent pipe at roof level. Can be used when DuraConnect II is installed in attic space.

SIZE	ORDER #	STOCK #	A	B
3"	3GVS	1470	3 5/8"	14 3/4"
4"	4GVS	1471	4 5/8"	15 3/4"
5"	5GVS	1472	5 5/8"	16 3/4"
6"	6GVS	1473	6 5/8"	17 3/4"

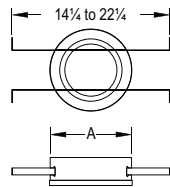
### Firestop Spacer



Use at every ceiling level where Square Firestop Support is not used. 3"-6" style shown in left photo. 7"-12" style shown in right photo.

SIZE	ORDER #	STOCK #	A	B	C
3"	3GVFS	1460N	3 3/4"	5 3/4"	7 3/4"
4"	4GVFS	1461N	4 3/4"	6 3/4"	8 3/4"
5"	5GVFS	1462N	5 3/4"	7 3/4"	9 3/4"
6"	6GVFS	1463N	6 3/4"	8 3/4"	10 3/4"
7"	7GVFS	1464N	7 3/4"	9 3/4"	11 3/4"
8"	8GVFS	1465N	8 3/4"	10 3/4"	12 3/4"
10"	10GVFS	2621N	10 3/4"	12 3/4"	14 3/4"
12"	12GVFS	2623	12 3/4"	14 3/4"	16 3/4"

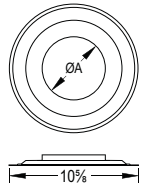
### Round Bucket Support



Use to support the Type B gas vent between 16" to 24" on-center joists or rafters. Use with a Draft Hood Connector to transition fitting between single-wall connector and Type B gas vent pipe sections. A Firestop Spacer is required.

SIZE	ORDER #	STOCK #	A
3"- 4"	3GVRS4	0340	7"
5"- 6"	5GVRS6	0342	8"
7"- 8"	7GVRS8	0344	10"

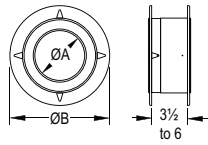
### Pipe Collar



Use for decorative purposes. Optional.

SIZE	ORDER #	STOCK #	A
3"	3GVPC	0170	3 3/4"
4"	4GVPC	0171	4 3/4"
5"	5GVPC	0172	5 3/4"
6"	6GVPC	0173	6 3/4"

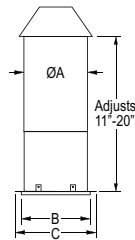
### Wall Thimble



Use for through-the-wall system to provide clearances for vent from combustibles. Adjusts from 3½" to 6" to accommodate various wall thicknesses. Larger diameter wall thimbles are field-fabricated. (See local codes for guidelines.)

SIZE	ORDER #	STOCK #	A	B
3"	3GVWT	0160	3 ¾"	7 ½"
4"	4GVWT	0161	4 ¾"	8 ½"
5"	5GVWT	0162	5 ¾"	9 ½"
6"	6GVWT	0163	6 ¾"	10 ½"
7"	7GVWT	0164	7 ¾"	11 ½"
8"	8GVWT	0165	8 ¾"	12 ½"

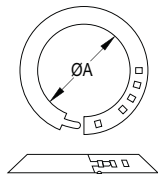
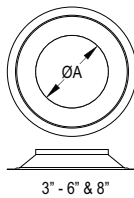
### Attic Insulation Shield



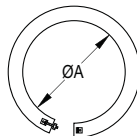
Required for installations that pass through an attic to prevent insulation and debris from accumulating near the vent.

SIZE	STOCK #	A	B	C
3" - 4"	0354	6 ¾"	7 ¾"	9 ¼"
5" - 6"	0355	8 ¾"	8 ½"	11"
7" - 8"	0356	10 ¾"	10 ½"	13"

### Storm Collar



7"

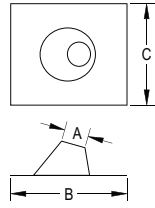


10" - 30"

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

SIZE	ORDER #	STOCK #	A	SIZE	ORDER #	STOCK #	A
3"	3GVSC	0150	3 ⅝"	16"	16GVSC	2571	18"
4"	4GVSC	0151	4 ⅝"	18"	18GVSC	2572	20"
5"	5GVSC	0152	5 ⅝"	20"	20GVSC	2573	22"
6"	6GVSC	0153	6 ⅝"	22"	22GVSC	2574	24"
7"	7GVSC	0154	7 ⅝"	24"	24GVSC	2575	26"
8"	8GVSC	0155	8 ⅝"	26"	26GVSC	2576	28"
10"	10GVSC	2656	11"	28"	28GVSC	2577	30"
12"	12GVSC	2657	13"	30"	30GVSC	2578	32"
14"	14GVSC	2570	16"				

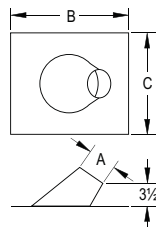
### Adjustable Roof Flashing



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. Made of galvalume.

SIZE	ORDER #	STOCK #	A	B	C
3"	3GVF	0140	3 5/8"	16"	16"
4"	4GVF	0141	4 5/8"	17"	17"
5"	5GVF	0142	5 5/8"	18 3/8"	18 3/8"
6"	6GVF	0143	6 3/4"	19 1/4"	19 1/4"
7"	7GVF	0144	7 3/4"	21 1/2"	21 1/2"
8"	8GVF	0145	8 3/4"	21 1/2"	21 1/2"
10"	10GVF	2646	11 3/8"	28"	26"
12"	12GVF	2647	13 1/2"	24"	26"
14"	14GVF	2580	15"	29 1/2"	29 1/2"
16"	16GVF	2581	17"	34"	33 1/2"
18"	18GVF	2582	20"	41"	40"
20"	20GVF	2583	22"	41"	40"
22"	22GVF	2584	24"	43"	41 1/2"
24"	24GVF	2585	26"	43"	44 3/4"
26"	26GVF	2686	28"	42 3/4"	44 3/4"
28"	28GVF	2687	30"	48"	50"
30"	30GVF	2688	32"	50"	52"

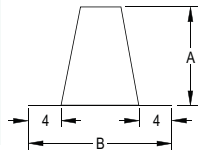
### Steep Roof Flashing



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 7/12 - 12/12. Made of galvalume.

SIZE	ORDER #	STOCK #	A	B	C
3"	3GVFSR	0140S	3 3/4"	14"	18"
4"	4GVFSR	0141S	4 3/4"	15"	20"
5"	5GVFSR	0142S	5 3/4"	16"	21 3/4"
6"	6GVFSR	0143S	6 3/4"	17 1/2"	23 3/4"
7"	7GVFSR	0144S	7 3/4"	18 1/2"	24"
8"	8GVFSR	0145S	8 3/4"	19"	25 1/2"

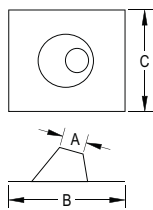
### Tall Cone Flat Flashing



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	ORDER #	STOCK #	A	B
3"	3GVFF	0140F	11 1/4"	16"
4"	4GVFF	0141F	11 1/4"	17"
5"	5GVFF	0142F	11 1/4"	18 1/4"
6"	6GVFF	0143F	10 7/8"	18 1/4"
7"	7GVFF	0144F	11 1/4"	21 1/2"
8"	8GVFF	0145F	11 1/4"	21 1/2"
10"	10GVFF	2646F	11 1/4"	25 1/2"
12"	12GVFF	2647F	12"	29 1/2"
14"	14GVFF	2580F	12"	32"
16"	16GVFF	2581F	12"	36"
18"	18GVFF	2582F	12"	36"
20"	20GVFF	2583F	12"	38"
22"	22GVFF	2584F	12"	40"
24"	24GVFF	2585F	12"	44 3/4"
26"	26GVFF	2686F	12"	44 3/4"
28"	28GVFF	2687F	12"	48"
30"	30GVFF	2688F	12"	48"

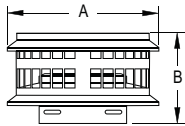
### DSA Roof Flashing



Use with metal or tile roofs. Available in Adjustable Roof Flashing style (0/12-6/12). Made of dead soft aluminum. Refer to Roof Flashing tables for dimensions.

SIZE	ORDER #	STOCK #	A	B	C
3"	3GVFDSA	0140DS	3 5/8"	19 3/8"	23"
4"	4GVFDSA	0141DS	4 5/8"	19 3/8"	23"
5"	5GVFDSA	0142DS	5 5/8"	22"	24 13/16"
6"	6GVFDSA	0143DS	6 3/4"	22"	24 13/16"

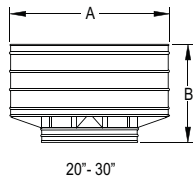
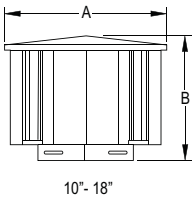
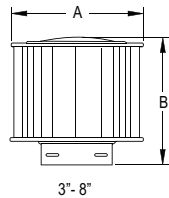
### DuraCap



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

SIZE	ORDER #	STOCK #	A	B
3"	3GVDC	0630	8"	5"
4"	4GVDC	0631	8"	5"
5"	5GVDC	0632	11"	7 1/2"
6"	6GVDC	0633	11"	7 1/2"
7"	7GVDC	0634	15"	7 1/4"
8"	8GVDC	0635	15"	7 1/4"

### High-Wind Cap



Use for vertical terminations only. Provides improved performance in high wind conditions. For vertical terminations only.

SIZE	ORDER #	STOCK #	A	B
3"	3GVVTH	0130	7 1/2"	7 1/4"
4"	4GVVTH	0131	8 1/2"	8 1/4"
5"	5GVVTH	0132	9 1/2"	9 3/8"
6"	6GVVTH	0133	10 1/2"	9 1/4"
7"	7GVVTH	0134	11 1/2"	11 3/4"
8"	8GVVTH	0135	12 1/2"	12 3/4"
10"	10GVVT	2536	17 1/2"	16"
12"	12GVVT	2537	19 1/4"	18 3/4"
14"	14GVVT	2560	24"	23"
16"	16GVVT	2561	26"	19 1/2"
18"	18GVVT	2562	30"	21 1/2"
20"	20GVVT	2563	34"	23 1/2"
22"	22GVVT	2564	36"	25 1/2"
24"	24GVVT	2565	39"	27 1/2"
26"	26GVVT	2566	44"	29 1/2"
28"	28GVVT	2567	48"	31 1/2"
30"	30GVVT	2568	50"	33 1/2"



# Oval Type B Gas Vent

## Oval Installation Kit

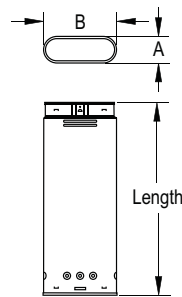


Kit includes: Oval Base Plate and (2) Oval Ceiling Plate Spacers.

Use for wall furnaces installed in a single-story application.

SIZE	ORDER #	STOCK #
4"	4GWK	0319

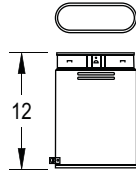
## Oval Rigid Pipe



Use for venting listed natural gas or liquid propane Category I, draft hood appliances, or appliances that have been specifically tested and listed to use Type B Gas Vent. The appliances listed typically use Type B Gas Vent systems, but not always: Furnaces, Water Heaters, Boilers, Room Heaters, Decorative Gas Appliances, and Unit Heaters. Designed to be placed within 2" x 4" stud walls (4" and 5" oval pipe). 6" may only be placed in a 2" x 6" 16" O.C. stud space.

SIZE	LENGTH	ORDER #	STOCK #	A	B
4"	6"	4GW06	0305	2 1/2"	7 1/4"
4"	12"	4GW12	0304	2 1/2"	7 1/4"
4"	18"	4GW18	0303	2 1/2"	7 1/4"
4"	24"	4GW24	0307	2 1/2"	7 1/4"
4"	36"	4GW36	0302	2 1/2"	7 1/4"
4"	48"	4GW48	0301	2 1/2"	7 1/4"
4"	60"	4GW60	0300	2 1/2"	7 1/4"
5"	6"	5GW06	0505	3 1/8"	10 7/8"
5"	12"	5GW12	0504	3 1/8"	10 7/8"
5"	18"	5GW18	0503	3 1/8"	10 7/8"
5"	24"	5GW24	0507	3 1/8"	10 7/8"
5"	36"	5GW36	0502	3 1/8"	10 7/8"
5"	48"	5GW48	0501	3 1/8"	10 7/8"
5"	60"	5GW60	0500	3 1/8"	10 7/8"
6"	6"	6GW06	0605	3 1/4"	11 7/8"
6"	12"	6GW12	0604	3 1/4"	11 7/8"
6"	18"	6GW18	0603	3 1/4"	11 7/8"
6"	24"	6GW24	0607	3 1/4"	11 7/8"
6"	36"	6GW36	0602	3 1/4"	11 7/8"
6"	48"	6GW48	0601	3 1/4"	11 7/8"
6"	60"	6GW60	0600	3 1/4"	11 7/8"

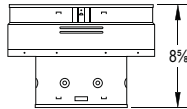
### Oval Adjustable Pipe



Use to add length to a straight length of Oval Type B Gas Vent Pipe. Adjusts from 4"-10". Requires a 2" overlap.

SIZE	LENGTH	ORDER #	STOCK #
4"	12"	4GW12A	0306
5"	12"	5GW12A	0506
6"	12"	6GW12A	0606

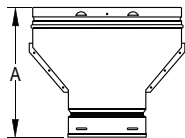
### Oval Increaser



Use to increase oval vent diameter.

SIZE	ORDER #	STOCK #
4" x 5"	4GWX5	0419
5" x 6"	5GWX6	0519
4" x 6"	4GWX6	0619

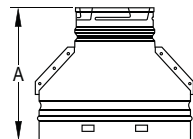
### Round To Oval Adapter



Use to convert from round to oval vent.

SIZE	ORDER #	STOCK #	A
3" to 4"	4GWAR3	0324	9 1/4"
4"	4GWAR0	0315	9 1/4"
5"	5GWAR0	0515	9 3/8"
6"	6GWAR0	0615	11 1/2"

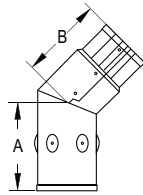
### Oval To Round Adapter



Use to convert from oval to round vent.

SIZE	ORDER #	STOCK #	A
4"	4GWAOR	0314	9 1/4"
5"	5GWAOR	0514	9 7/8"
6"	6GWAOR	0614	10"

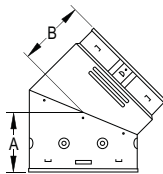
### Oval 45° Elbow - Standard



Offsets obstructions as needed. Not adjustable.

SIZE	ORDER #	STOCK #	A	B
4"	4GWL45	0310	3 5/8"	3 1/2"
5"	5GWL45	0510	4 1/8"	5"
6"	6GWL45	0610	5"	5"

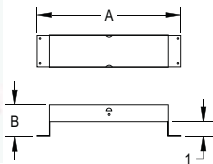
### Oval 45° Elbow - Flat



Offsets obstructions as needed. Not adjustable.

SIZE	ORDER #	STOCK #	A	B
4"	4GWL45F	0311	4 1/2"	4 1/8"
5"	5GWL45F	0511	5 1/4"	5 5/8"
6"	6GWL45F	0611	5 3/4"	4 3/4"

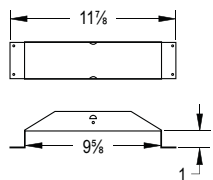
### Oval Tee Support - Plain



Use to support and center Oval Tee. Use with Oval Tee Cap.

SIZE	ORDER #	STOCK #	A	B
5"	5GWTS	0521	13 7/8"	2 1/8"
6"	6GWTS	0621	13 7/8"	2 1/8"

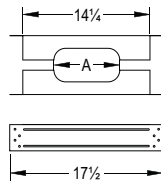
### Oval Tee Support - Base Plate



Use to support and center Oval Tee. Use with Oval Tee Cap.

SIZE	ORDER #	STOCK #	A	B
4"	4GWPS	0308	9 5/8"	11 7/8"

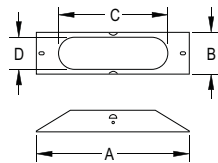
### Oval Firestop Spacer



Use to center oval vent in a minimum 16" on-center stud space. Serves as a firestop at the ceiling level. Required in multi-story installations.

SIZE	ORDER #	STOCK #	A
4"	4GWFS	0350	7 1/2"
4"	4GWFS2X6	0351	7 1/2"
5"	5GWFS	0522	11"
5"	5GWFS2X6	0523	11"
6"	6GWFS	0622	12 1/8"

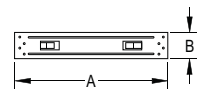
### Oval Base Plate



Use to attach oval vent to a wall furnace.

SIZE	ORDER #	STOCK #	A	B	C	D
4"	4GWBP	0321	9 5/8"	2 3/8"	6 7/8"	2"

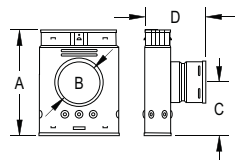
### Oval Ceiling Plate Spacer



Use to center the oval vent where Oval Firestop Spacer is not required. (2 plates included.)

SIZE	ORDER #	STOCK #	A	B
4"	4GWCS	0320	17 1/2"	3"

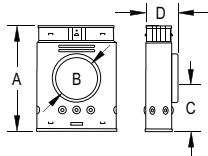
### Oval Standard Tee



Use to attach round pipe to oval pipe. Use for a 90° offset or to combine connectors from two or more appliances into a common vent.

SIZE	ORDER #	STOCK #	A	B	C	D
4"	4GWT	0312	10 1/4"	4"	5 1/4"	6"
5"	5GWT	0512	11 3/4"	5"	6 1/4"	6 1/4"
6"	6GWT	0612	12 1/8"	6"	6"	7"

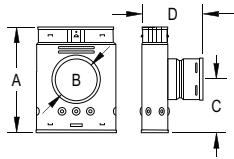
### Oval Short Snout Tee



Use to attach round pipe to oval pipe. Use for a 90° offset or to combine connectors from two or more appliances into a common vent. Shorter snout allows installation in tight spaces.

SIZE	ORDER #	STOCK #	A	B	C	D
4"	4GWST	0312ST	8 1/2"	4"	5"	3 1/2"

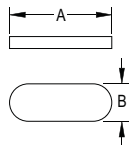
### Oval Increaser Tee



Use to attach smaller round pipe to larger oval pipe. Use for a 90° offset or to combine connectors from two or more appliances into a common vent.

SIZE	ORDER #	STOCK #	A	B	C	D
4" x 3"	4GWTR3	0331	10 1/8"	3"	5"	6 1/2"
5" x 3"	5GWTR3	0512T3	11 7/8"	3"	6 1/4"	7 1/4"
5" x 4"	5GWTR4	0512T4	11 7/8"	4"	6 1/4"	6 3/4"
6" x 4"	6GWTR4	0612T4	12"	4"	5 3/4"	8 1/4"
6" x 5"	6GWTR5	0612T5	12"	5"	5 3/8"	6 7/8"

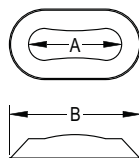
### Oval Tee Cap



Use to close off bottom of Oval Tee. Fits on inner liner.

SIZE	ORDER #	STOCK #	A	B
4"	4GWTC	0313	6 7/8"	2"
5"	5GWTC	0513	10 3/8"	2 3/4"
6"	6GWTC	0613	11 1/2"	2 3/4"

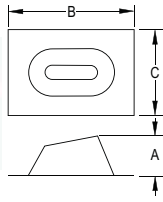
### Oval Storm Collar



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

SIZE	ORDER #	STOCK #	A	B
4"	4GWSC	0318	7 1/2"	10 1/4"
5"	5GWSC	0518	10 3/4"	13 3/8"
6"	6GWSC	0618	12"	15"

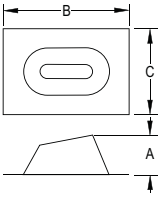
### Oval Adjustable Roof Flashing



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. Made of galvalume.

SIZE	ORDER #	STOCK #	A	B	C
4"	4GWF	0317	3 1/2"	18"	12 1/2"
5"	5GWF	0517	7 3/4"	25 1/2"	17 1/2"
6"	6GWF	0617	7 1/8"	25 1/2"	17 1/2"

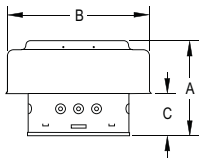
### Oval DSA Roof Flashing



Use with metal or tile roofs. Available in Adjustable Roof Flashing style (0/12-6/12). Made of dead soft aluminum. Refer to Roof Flashing tables for dimensions.

SIZE	ORDER #	STOCK #	A	B	C
4"	4GWFDSA	0317DS	3 3/4"	28 1/2"	23 1/2"
5"	5GWFDSA	0517DS	3 1/2"	30 1/2"	27"
6"	6GWFDSA	0617DS	7"	35"	27"

### Oval Cap



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

SIZE	ORDER #	STOCK #	A	B	C
4"	4GWVT	0316	6 1/8"	10"	2 3/4"
5"	5GWVT	0516	7 1/2"	15 1/4"	3 3/4"
6"	6GWVT	0616	7 1/2"	15 1/4"	4"

# DuraFlex® - Aluminum

## DuraFlex AL Kit



Kit includes: DuraFlex AL Length, DuraFlex AL Cap, DuraFlex Top Plate, and DuraFlex Mortar Sleeve. Flex lengths available in 25' and 35'.

SIZE	25' FLEX	35' FLEX
3"	3DFA-25K	3DFA-35K
4"	4DFA-25K	4DFA-35K
5"	5DFA-25K	5DFA-35K
5 1/2"	5SDFA-25K	5SDFA-35K
6"	6DFA-25K	6DFA-35K
7"	7DFA-25K	7DFA-35K
8"	8DFA-25K	8DFA-35K

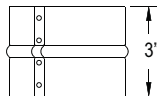
## DuraFlex AL - Aluminum Length



Use with Category I gas-burning appliances with draft hood. UL 1777 aluminum liner. Flex lengths available in 25', 35', and 50'.

SIZE	25' FLEX	35' FLEX	50' FLEX
3"	3DFA-25	3DFA-35	3DFA-50
4"	4DFA-25	4DFA-35	4DFA-50
5"	5DFA-25	5DFA-35	5DFA-50
5 1/2"	5SDFA-25	5SDFA-35	5SDFA-50
6"	6DFA-25	6DFA-35	6DFA-50
7"	7DFA-25	7DFA-35	7DFA-50
8"	8DFA-25	8DFA-35	8DFA-50

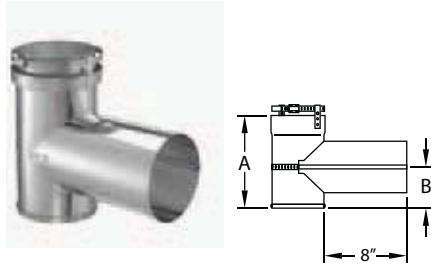
## DuraFlex AL Coupling



Use to connect DuraFlex AL lengths to appliance, type B gas vent, or flex lengths.

SIZE	STOCK #
3"	3DFA-FC
4"	4DFA-FC
5"	5DFA-FC
5 1/2"	5SDFA-FC
6"	6DFA-FC
7"	7DFA-FC
8"	8DFA-FC

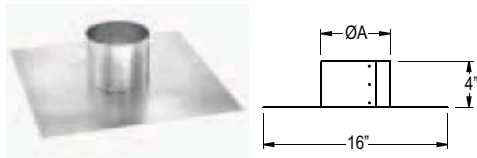
### DuraFlex AL Tee w/ Cap



Use to attach to flex pipe with a fast connect band. Removable branch connects to the tee body with an internal fast connect band.

SIZE	STOCK #	A	B
3"	3DFA-T	8"	3"
4"	4DFA-T	9"	4"
5"	5DFA-T	9"	4"
5 1/2"	5SDFA-T	10"	5"
6"	6DFA-T	10"	5"
7"	7DFA-T	11"	5"
8"	8DFA-T	12 1/2"	6"

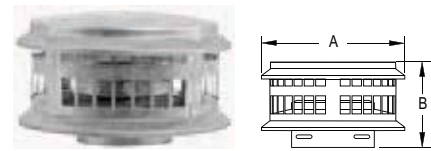
### DuraFlex AL Top Plate



Use to seal the top of the masonry chimney.

SIZE	STOCK #	A
3"	3DFA-TP	4"
4"	4DFA-TP	5"
5"	5DFA-TP	6"
5 1/2"	5SDFA-TP	6 1/2"
6"	6DFA-TP	7"
7"	7DFA-TP	8"
8"	8DFA-TP	9"

### DuraFlex AL Cap

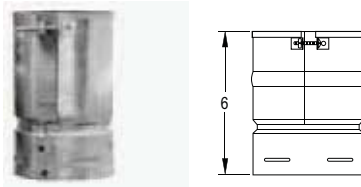


Use to terminate a relining system at the top of the masonry chimney. Supports flex with a fast connect band. Designed to fasten to flex length with fast connect band. No screws required.

SIZE	STOCK #	A	B
3"	3DFA-VC	8"	5"
4"	4DFA-VC	8"	5"
5"	5DFA-VC	11"	7 1/2"
5 1/2"	5SDFA-VC	11"	7 1/2"
6"	6DFA-VC	15"	7 1/4"
7"	7DFA-VC	15"	7 1/4"
8"	8DFA-VC	15"	9 5/8"



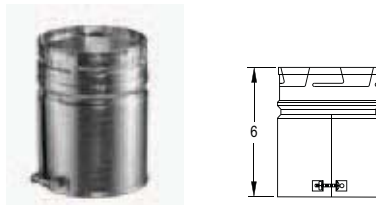
### Female Flex Adapter



Use to connect DuraVent Type B Gas Vent products to DuraFlex AL.

SIZE	STOCK #
3"	3DFA-FA
4"	4DFA-FA
5"	5DFA-FA
6"	6DFA-FA
7"	7DFA-FA
8"	8DFA-FA

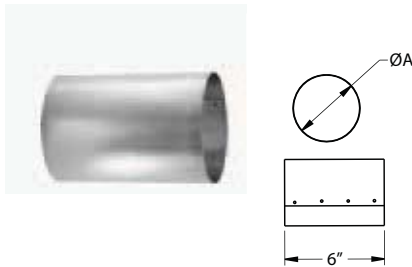
### Male Adapter



Use to connect DuraFlex AL to DuraVent Type B Gas Vent products.

SIZE	ORDER #	STOCK #
3"	3GVAM	0490
4"	4GVAM	0491
5"	5GVAM	0492
6"	6GVAM	0493
7"	7GVAM	0487
8"	8GVAM	0494

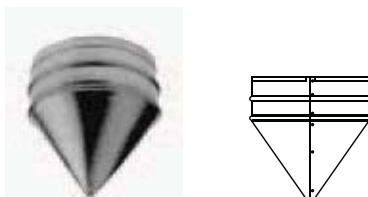
### DuraFlex Mortar Sleeve



Use to protect DuraFlex when passing length through a masonry wall.

SIZE	STOCK #	A
3"	3DFA-MS	4"
4"	4DFA-MS	5"
5"	5DFA-MS	6"
5 1/2"	5SDFA-MS	6 1/2"
6"	6DFA-MS	7"
7"	7DFA-MS	8"
8"	8DFA-MS	9"

### DuraFlex Flex Puller



Use with a rope to guide DuraFlex lengths down masonry chimney.

SIZE	STOCK #	SIZE	STOCK #
3"	3DFA-FP	6"	6DFA-FP
4"	4DFA-FP	7"	7DFA-FP
5"	5DFA-FP	8"	8DFA-FP
5 1/2"	5SDFA-FP		

# Insulation

## Insulation Sleeve



Use to insulate DuraFlex AL to reduce condensation on gas systems. Sleeve is 10' long.

SIZE	STOCK #
3"-4"	0820
5"-6"	0822

## **FasNSeal® & FasNSeal® W2**

**Single-wall and double-wall  
special gas vent systems.**

**UL 1738 and ULC S636.**

## **FasNSeal® Flex**

**Flexible chimney liner for  
special gas vent system.**

**UL 1738 and UL 1777.**



## Specifications

### Applications

**FasNSeal and FasNSeal Flex** is for use with natural gas or propane Categories II, III and IV appliances or Canada's Type BH Gas Vent Systems, having a maximum rated operating temperature of 480°F and a maximum positive pressure of 6" water column. FasNSeal can be used on a wide range of applications, including: high efficiency gas boilers, furnaces, booster heaters, pool heaters, water heaters, unit heaters, or tankless water heaters.

**FasNSeal W2** is ideal for use on commercial applications such as: office buildings, medical facilities, condos, or multiple unit apartment complexes where there is the need for low clearances to combustibles. In residential applications, FasNSeal W2 is the perfect solution for running between floor joists or in walls.

### Materials and Construction

#### FasNSeal

3"-7": AL29-4C .016"

8"-12": AL29-4C .019"

14"-24": AL29-4C .024"

#### FasNSeal Flex

Single strip double layer AL29-4C stainless steel (totalling .010").

#### FasNSeal W2

3"-6": AL29-4C stainless steel .016" inner wall, 304 or 430 .016" outer wall.

7": AL29-4C stainless steel .016" inner wall, 304 or 430 .024" outer wall.

8"-12": AL29-4C stainless steel .019" inner wall, 304 or 430 .024" outer wall.

14"-24": AL29-4C stainless steel .024" inner wall, 304 or 430 .024" outer wall.

**\*updated information\***

### Diameters

**FasNSeal** (single- and double-wall)  
3"-24"

**FasNSeal Flex** 3"-12"

### Listings

**FasNSeal** (single- and double-wall)  
UL Listed to UL 1738 and ULC S636.

**FasNSeal Flex** UL Listed to UL 1738 and UL 1777 and ULC S636.

## UL 1738 and ULC S636 Systems

### FasNSeal & FasNSeal W2

All FasNSeal (single-wall) and FasNSeal W2 (double-wall) vent lengths and components feature patented built-in mechanical locking band and triple-lipped directional gaskets. All pipes and components are engineered with smooth clean welds located 90° from mechanical locking bands. This construction feature allows for ease of installation. The ½" air space between the inner and outer wall on FasNSeal W2 helps to reduce the clearance to combustibles in addition to creating a heat shield for additional safety.

**\*updated information\***

All FasNSeal components which come in contact with exhaust gases and condensates are now silicone free. This important design and manufacturing feature greatly reduces the chances of system breakdown and failure. The main problems with silicone are there are too many adhesion factors which are very difficult to control and the process of binding similar materials with an epoxy, which can weaken the bond over time. Welded seams ensures a leak-free product that is meant to last.

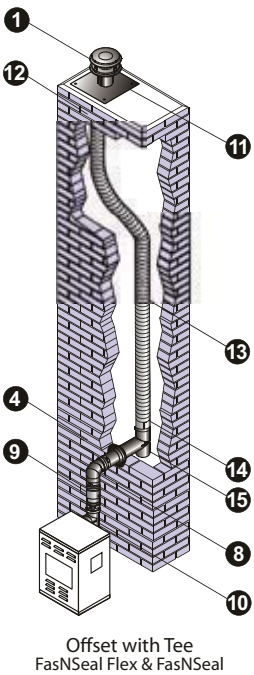
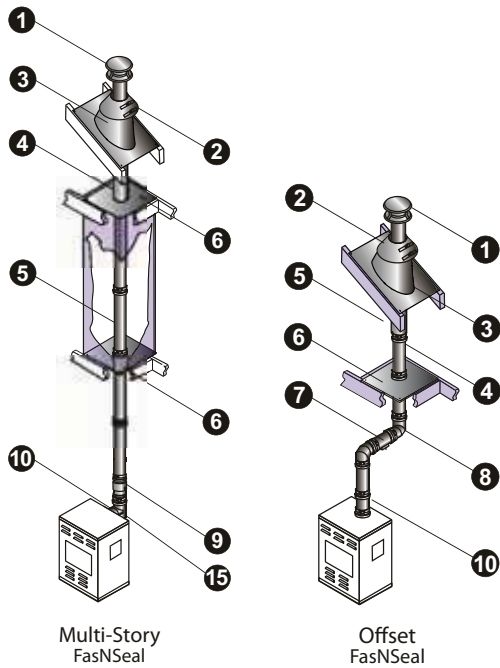
### FasNSeal Flex

Made from AL29-4C stainless steel. Corrosion resistant.

Manufactured with a sure-seal locking seam for superior strength and flexibility. The smooth inner-wall provides for no output reduction, allowing for full appliance efficiency, ease of cleaning and regular maintenance. The smooth inner wall optimizes gas flow, minimizes back pressure, and facilitates condensate management. Only flexible chimney liner listed to UL 1738 standard.

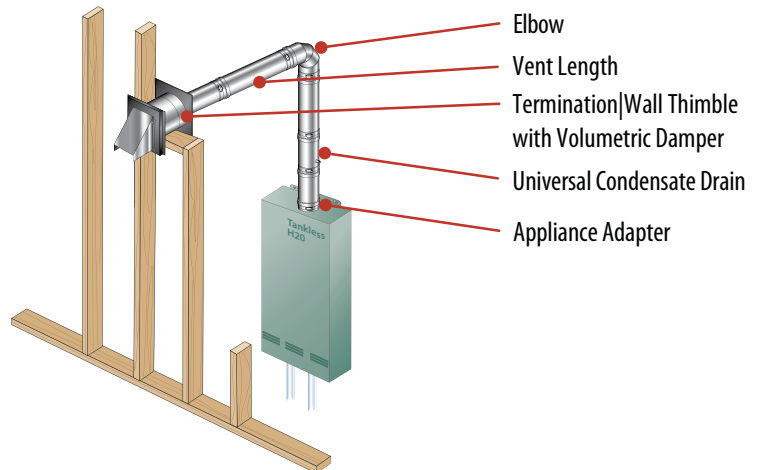


## Typical Installations

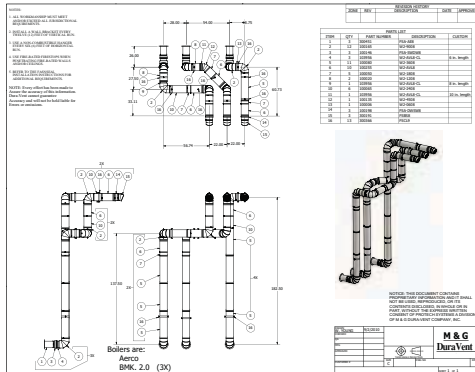


Installation Key			
1	Rain Cap	9	Universal Condensate Drain
2	Storm Collar	10	Appliance Adapter
3	Variable Pitch Roof Flashing	11	Top Plate*
4	Vent Length	12	Male Flex Adapter
5	Adjustable Vent Length	13	FasNSeal Flex
6	Firestop/Flat Flashing	14	Female Flex Adapter
7	Horizontal Drip Tee	15	Standard Tee
8	Elbow		*See Ventinox section

Refer to our Typical Venting Installation drawings to select the appropriate component parts for your installation.



## Commercial Applications



Commercial projects may require custom parts and unique system designs. DuraVent offers complete project assistance:

- **Engineering Services:** Personalized system design services offer comprehensive CAD submittal drawing and complete bills of materials.
- **Custom Parts:** If your project requires innovative solutions, contact DuraVent for custom parts that meet your specific project needs.
- **FasNSeal W2:** FasNSeal W2 is the ideal choice for commercial applications where there is a need for low clearances to combustibles.
- **Up to 24" Vent Diameters:** Many commercial applications require large diameter systems due to the units size and output. Large diameters are available in single and double wall, featuring FasNSeal's triple lipped directional gaskets and built-in locking band which provides a safe and convenient installation.

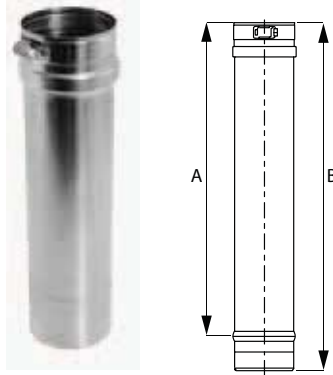
## Clearances Chart

FasNSeal					
Rated Operating Temperatures		Enclosed		Unenclosed	
		Horizontal	Vertical	Horizontal	Vertical
3" - 4"	300°F 149°C	Sides: 8"/203.2mm Top: 12"/304.8mm Bottom: 4"/101.6mm	4" 101.6mm	1" 25.4mm	
	480°F 249°C			3" 76.2mm	1" 25.4mm
5" - 24"	300°F 149°C	Noncombustible Enclosure		3" 76.2mm	3" 76.2mm
	480°F 249°C			3" 76.2mm	3" 76.2mm
FasNSeal W2					
Rated Operating Temperatures		Enclosed		Unenclosed	
		Horizontal	Vertical	Horizontal	Vertical
3" - 4"	300°F	3"	1"	1"	1"
	400°F	6"	1"	3"	1"
	480°F	6"	4"	3"	1"
5" - 16"	300°F	3"	1"	1"	1"
	400°F	6"	1"	3"	1"
	480°F	6"	6"	3"	3"

Rated Operating Temperature of 300°F = Max Flue Gas Temperature of 375°F  
 Rated Operating Temperature of 480°F = Max Flue Gas Temperature of 550°F

# FasNSeal® - Single-Wall

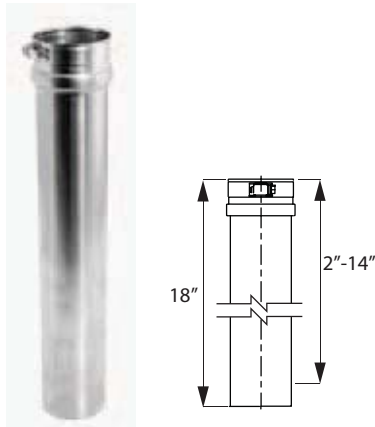
## Vent Length



Use to vent category II, III and IV appliances.

SIZE	ORDER #	STOCK #	A	B	SIZE	ORDER #	STOCK #	A	B
3"	FSVL603	300001	4"	6"	10"	FSVL1810	300052	16"	18"
3"	FSVL1203	300015	10"	12"	10"	FSVL2410	300067	22"	24"
3"	FSVL1803	300045	16"	18"	10"	FSVL3610	300082	34"	36"
3"	FSVL2403	300060	22"	24"	12"	FSVL612	300009	4"	6"
3"	FSVL3603	300075	34"	36"	12"	FSVL1212	300023	10"	12"
3"	FSVL6003	300090	58"	60"	12"	FSVL1812	300053	16"	18"
4"	FSVL604	300002	4"	6"	12"	FSVL2412	300068	22"	24"
4"	FSVL1204	300016	10"	12"	12"	FSVL3612	300083	34"	36"
4"	FSVL1804	300046	16"	18"	14"	FSVL614	300010	4"	6"
4"	FSVL2404	300061	22"	24"	14"	FSVL1214	300024	10"	12"
4"	FSVL3604	300076	34"	36"	14"	FSVL1814	300054	16"	18"
4"	FSVL6004	300091	58"	60"	14"	FSVL2414	300069	22"	24"
5"	FSVL605	300003	4"	6"	14"	FSVL3614	300084	34"	36"
5"	FSVL1205	300017	10"	12"	16"	FSVL616	300011	4"	6"
5"	FSVL1805	300047	16"	18"	16"	FSVL1216	300025	10"	12"
5"	FSVL2405	300062	22"	24"	16"	FSVL1816	300055	16"	18"
5"	FSVL3605	300077	34"	36"	16"	FSVL2416	300070	22"	24"
6"	FSVL606	300004	4"	6"	16"	FSVL3616	300085	34"	36"
6"	FSVL1206	300018	10"	12"	18"	FSVL618	303905	4"	6"
6"	FSVL1806	300048	16"	18"	18"	FSVL1218	303909	10"	12"
6"	FSVL2406	300063	22"	24"	18"	FSVL1818	303913	16"	18"
6"	FSVL3606	300078	34"	36"	18"	FSVL2418	303917	22"	24"
7"	FSVL607	300005	4"	6"	18"	FSVL3618	303921	34"	36"
7"	FSVL1207	300019	10"	12"	20"	FSVL620	303906	4"	6"
7"	FSVL1807	300049	16"	18"	20"	FSVL1220	303910	10"	12"
7"	FSVL2407	300064	22"	24"	20"	FSVL1820	303914	16"	18"
7"	FSVL3607	300079	34"	36"	20"	FSVL2420	303918	22"	24"
8"	FSVL608	300006	4"	6"	20"	FSVL3620	303922	34"	36"
8"	FSVL1208	300020	10"	12"	22"	FSVL622	303907	4"	6"
8"	FSVL1808	300050	16"	18"	22"	FSVL1222	303911	10"	12"
8"	FSVL2408	300065	22"	24"	22"	FSVL1822	303915	16"	18"
8"	FSVL3608	300080	34"	36"	22"	FSVL2422	303919	22"	24"
9"	FSVL609	300007	4"	6"	22"	FSVL3622	303923	34"	36"
9"	FSVL1209	300021	10"	12"	24"	FSVL624	303908	4"	6"
9"	FSVL1809	300051	16"	18"	24"	FSVL1224	303912	10"	12"
9"	FSVL2409	300066	22"	24"	24"	FSVL1824	303916	16"	18"
9"	FSVL3609	300081	34"	36"	24"	FSVL2424	303920	22"	24"
10"	FSVL610	300008	4"	6"	24"	FSVL3624	303924	34"	36"
10"	FSVL1210	300022	10"	12"					

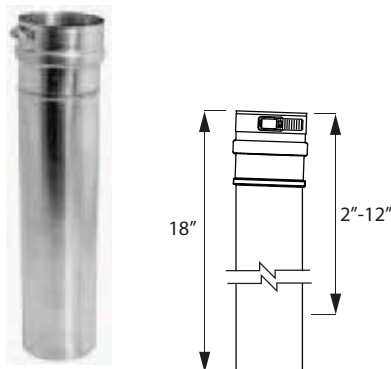
### Adjustable Vent Length



Use to add length to straight length of FasNSeal pipe. Adds 2"-14" of length. Requires at least 2" overlap for a secure connection.  
**Available in Custom Lengths.**

SIZE	ORDER #	STOCK #	SIZE	ORDER #	STOCK #
3"	FSAVL3	300250	12"	FSAVL12	300258
4"	FSAVL4	300251	14"	FSAVL14	300259
5"	FSAVL5	300252	16"	FSAVL16	300260
6"	FSAVL6	300253	18"	FSAVL18	303937
7"	FSAVL7	300254	20"	FSAVL20	303938
8"	FSAVL8	300255	22"	FSAVL22	303939
9"	FSAVL9	300256	24"	FSAVL24	303940
10"	FSAVL10	300257			

### 2° Adjustable Vent Length



Use to facilitate for the 2° pitched required in horizontal runs.  
**Available in Custom Lengths.**

SIZE	ORDER #	STOCK #
3"	FSAVL03-2	303128
4"	FSAVL04-2	303129
5"	FSAVL05-2	303130
6"	FSAVL06-2	303143
7"	FSAVL07-2	303144
8"	FSAVL08-2	303145
9"	FSAVL09-2	303146
10"	FSAVL10-2	303147
12"	FSAVL12-2	303148
14"	FSAVL14-2	303149
16"	FSAVL16-2	303150



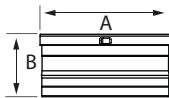
## FasNSeal Flex



Use to vent Category II, III and IV gas burning appliances. Listed to UL 1738. Can only be used in vertical or near vertical runs. **Custom lengths are available for 3"-12" diameters.** Minimum length of 10' for custom orders. Use with FasNSeal components only.

SIZE	20'	25'	30'	35'	50'	100'	125'	200'	CUSTOM
3"	3FSFLEX-20	3FSFLEX-25	3FSFLEX-30	3FSFLEX-35	3FSFLEX-50	3FSFLEX-100	3FSFLEX-125	3FSFLEX-200	3FSFLEX-XX
4"	4FSFLEX-20	4FSFLEX-25	4FSFLEX-30	4FSFLEX-35	4FSFLEX-50	4FSFLEX-100	4FSFLEX-125	4FSFLEX-200	4FSFLEX-XX
5"	5FSFLEX-20	5FSFLEX-25	5FSFLEX-30	5FSFLEX-35	5FSFLEX-50	5FSFLEX-100	5FSFLEX-125	5FSFLEX-200	5FSFLEX-XX
5 1/2"	55FSFLEX-20	55FSFLEX-25	55FSFLEX-30	55FSFLEX-35	55FSFLEX-50	55FSFLEX-100	55FSFLEX-125	55FSFLEX-200	55FSFLEX-XX
6"	6FSFLEX-20	6FSFLEX-25	6FSFLEX-30	6FSFLEX-35	6FSFLEX-50	6FSFLEX-100	6FSFLEX-125	6FSFLEX-200	6FSFLEX-XX
7"	7FSFLEX-20	7FSFLEX-25	7FSFLEX-30	7FSFLEX-35	7FSFLEX-50	7FSFLEX-100	7FSFLEX-125	7FSFLEX-200	7FSFLEX-XX
8"	8FSFLEX-20	8FSFLEX-25	8FSFLEX-30	8FSFLEX-35	8FSFLEX-50	8FSFLEX-100	8FSFLEX-125	8FSFLEX-200	8FSFLEX-XX
9"	--	--	--	--	--	--	--	--	9FSFLEX-XX
10"	--	--	--	--	--	--	--	--	10FSFLEX-XX
12"	--	--	--	--	--	--	--	--	12FSFLEX-XX

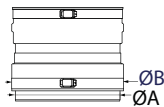
## Male Flex Adapter



Use to connect FasNSeal rigid Vent Pipe to FasNSeal Flex at base of masonry chimney or bottom termination.

SIZE	ORDER #	STOCK #	A	B	SIZE	ORDER #	STOCK #	A	B
3"	FSASMM-3	304103	2 4/8"	3 1/8"	8"	FSASMM-8	304108	7 4/8"	8 1/8"
4"	FSASMM-4	304104	3 4/8"	4 1/8"	9"	FSASMM-9	304109	8 4/8"	9 1/8"
5"	FSASMM-5	304105	4 4/8"	5 1/8"	10"	FSASMM-10	304110	9 4/8"	10 1/8"
6"	FSASMM-6	304106	5 4/8"	6 1/8"	12"	FSASMM-12	304112	11 4/8"	12 1/8"
7"	FSASMM-7	304107	6 4/8"	7 1/8"					

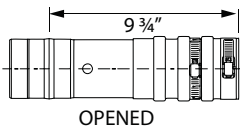
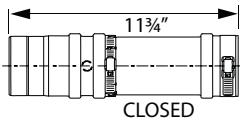
## Female Flex Adapter



Use to connect FasNSeal Flex to FasNSeal rigid Vent Pipe at the top of the system.

SIZE	ORDER #	STOCK #	A	B	SIZE	ORDER #	STOCK #	A	B
3"	FSASMF-3	304003	2 4/8"	3 1/8"	8"	FSASMF-8	304008	7 4/8"	8 1/8"
4"	FSASMF-4	304004	3 4/8"	4 1/8"	9"	FSASMF-9	304009	8 4/8"	9 1/8"
5"	FSASMF-5	304005	4 4/8"	5 1/8"	10"	FSASMF-10	304010	9 4/8"	10 1/8"
6"	FSASMF-6	304006	5 4/8"	6 1/8"	12"	FSASMF-12	304012	11 4/8"	12 1/8"
7"	FSASMF-7	304007	6 4/8"	7 1/8"					

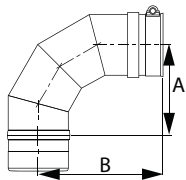
### Test Port



Use to test for proper appliance operation without penetrating the vent wall. Easy access to perform flue gas analysis. More options available, see Universal Adapter w/Test Port in FasNSeal Appliance Adapter section.

SIZE	ORDER #	STOCK #
3"	FSTP3	300540
4"	FSTP4	300541
5"	FSTP5	300542
6"	FSTP6	300543
7"	FSTP7	300544
8"	FSTP8	300545
9"	FSTP9	300546
10"	FSTP10	300547
12"	FSTP12	300548
14"	FSTP14	300549
16"	FSTP16	300550

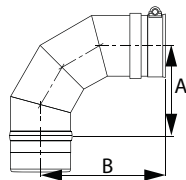
### 90° Elbow



Use to go from horizontal to vertical runs or vertical to horizontal runs. Use to turn vent 90°.

SIZE	ORDER #	STOCK #	A	B	SIZE	ORDER #	STOCK #	A	B
3"	FSELB9003	300160	4"	6"	12"	FSELB9012	300168	8 1/2"	10 1/4"
4"	FSELB9004	300161	4 1/2"	6 1/4"	14"	FSELB9014	300169	9 1/2"	11 3/8"
5"	FSELB9005	300162	5"	6 3/4"	16"	FSELB9016	300170	11"	12 1/2"
6"	FSELB9006	300163	5 1/2"	7 1/2"	18"	FSELB9018	303929	11 1/2"	13 1/8"
7"	FSELB9007	300164	6 1/8"	7 7/8"	20"	FSELB9020	303930	12 1/2"	14 1/2"
8"	FSELB9008	300165	6 1/2"	8 1/4"	22"	FSELB9022	303931	13 3/8"	15"
9"	FSELB9009	300166	7"	9"	24"	FSELB9024	303932	14 1/2"	16 1/8"
10"	FSELB9010	300167	7 1/2"	9 3/8"					

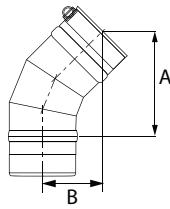
### 88° Elbow



Use to transition from a vertical to a horizontal run. Stabilizes a 2° pitch towards the condensate drain for good condensate management.

SIZE	ORDER #	STOCK #	A	B	SIZE	ORDER #	STOCK #	A	B
3"	FSELB8803	303890	4"	6"	9"	FSELB8809	303896	7"	9"
4"	FSELB8804	303891	4 1/2"	6 1/4"	10"	FSELB8810	303897	7 1/2"	9 3/8"
5"	FSELB8805	303892	5"	6 3/4"	12"	FSELB8812	303898	8 1/2"	10 1/4"
6"	FSELB8806	303893	5 1/2"	7 1/2"	14"	FSELB8814	303899	9 1/2"	11 3/8"
7"	FSELB8807	303894	6 1/8"	7 7/8"	16"	FSELB8816	303900	11"	12 1/2"
8"	FSELB8808	303895	6 1/2"	8 1/4"					

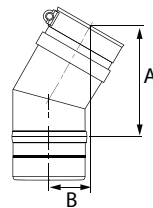
### 45° Elbow



Offsets obstructions as needed. Allows for better condensate management and less back pressure.

SIZE	ORDER #	STOCK #	A	B	SIZE	ORDER #	STOCK #	A	B
3"	FSELB4503	300130	5 3/8"	3"	12"	FSELB4512	300138	8 1/2"	4 1/4"
4"	FSELB4504	300131	5 5/8"	3 1/8"	14"	FSELB4514	300139	9 1/4"	4 5/8"
5"	FSELB4505	300132	6"	3 1/4"	16"	FSELB4516	300140	10"	4 7/8"
6"	FSELB4506	300133	6 3/8"	3 3/8"	18"	FSELB4518	303925	10 1/8"	5"
7"	FSELB4507	300134	6 3/4"	3 1/2"	20"	FSELB4520	303926	10 7/8"	5 1/4"
8"	FSELB4508	300135	7 1/8"	3 5/8"	22"	FSELB4522	303927	11 3/8"	5 5/8"
9"	FSELB4509	300136	7 1/2"	3 7/8"	24"	FSELB4524	303928	12 3/8"	5 7/8"
10"	FSELB4510	300137	7 7/8"	4"					

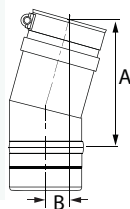
### 30° Elbow



Offsets obstructions as needed. Allows for better condensate management and less back pressure.

SIZE	ORDER #	STOCK #	A	B	SIZE	ORDER #	STOCK #	A	B
3"	FSELB3003	300650	4 7/8"	1 7/8"	9"	FSELB3009	300656	7"	2 1/2"
4"	FSELB3004	300651	5 1/8"	1 7/8"	10"	FSELB3010	300657	6 1/2"	2 1/4"
5"	FSELB3005	300652	5 1/4"	2"	12"	FSELB3012	300658	7"	2 1/2"
6"	FSELB3006	300653	5 1/2"	2"	14"	FSELB3014	300659	7 1/2"	2 1/2"
7"	FSELB3007	300654	5 7/8"	2"	16"	FSELB3016	300660	8 1/8"	2 3/4"
8"	FSELB3008	300655	6 1/8"	2 1/8"					

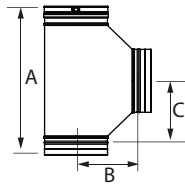
### 15° Elbow



Offsets obstructions as needed. Allows for better condensate management and less back pressure.

SIZE	ORDER #	STOCK #	A	B	SIZE	ORDER #	STOCK #	A	B
3"	FSELB1503	300239	4 3/8"	7/8"	9"	FSELB1509	300245	5 1/4"	1"
4"	FSELB1504	300240	4 1/2"	1"	10"	FSELB1510	300246	5 1/4"	1"
5"	FSELB1505	300241	4 5/8"	7/8"	12"	FSELB1512	300247	5 1/2"	1"
6"	FSELB1506	300242	4 3/4"	7/8"	14"	FSELB1514	300248	5 3/4"	1"
7"	FSELB1507	300243	4 7/8"	1"	16"	FSELB1516	300249	6 1/8"	1"
8"	FSELB1508	300244	5 1/8"	1"					

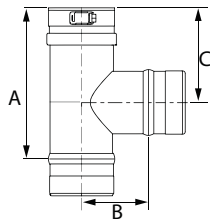
### Wide Mouth Boot Tee



Use to transition from horizontal to vertical. Provides improved flue gas flow with angled gradual transitions. Can also be used as a manifold connection to gang boilers into a common vent.

SIZE	ORDER #	A	B	C	SIZE	ORDER #	A	B	C
4"	FSWBT4	15 3/4"	7"	6 9/10"	12"	FSWBT12	23 3/4"	11"	10 9/10"
5"	FSWBT5	16 3/4"	7 1/2"	7 3/10"	14"	FSWBT14	25 3/4"	12"	11 9/10"
6"	FSWBT6	17 3/4"	8"	7 9/10"	16"	FSWBT16	27 3/4"	13"	12 9/10"
7"	FSWBT7	18 3/4"	8 1/2"	8 3/10"	18"	FSWBT18	29 3/4"	14"	13 9/10"
8"	FSWBT8	19 3/4"	9"	8 9/10"	20"	FSWBT20	31 3/4"	15"	14 9/10"
9"	FSWBT9	20 3/4"	9 1/2"	9 3/10"	22"	FSWBT22	33 3/4"	16"	15 9/10"
10"	FSWBT10	21 3/4"	10"	9 9/10"	24"	FSWBT24	35 3/4"	17"	16 9/10"

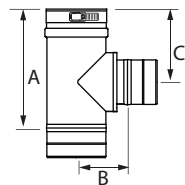
### Standard Tee



Use for a 90° offset, or to combine connections from two or more appliances into a common vent. Can also use as a condensate management point when used in conjunction with drain fitting. All Standard Tees are completely welded.

SIZE	ORDER #	STOCK #	A	B	C	SIZE	ORDER #	STOCK #	A	B	C
3"	FST3	300175	7"	3"	4 1/2"	12"	FST12	300183	16"	7"	9"
4"	FST4	300176	8"	3 1/2"	5"	14"	FST14	300184	20"	8 1/2"	11"
5"	FST5	300177	10"	4"	6"	16"	FST16	300185	22"	9 1/2"	12"
6"	FST6	300178	10"	4 1/2"	6"	18"	FST18	303933	22 7/8"	11"	12 1/2"
7"	FST7	300179	12"	5"	7"	20"	FST20	303934	24 7/8"	12"	13 1/2"
8"	FST8	300180	14"	5 1/2"	8"	22"	FST22	303935	26 7/8"	13"	14 1/2"
9"	FST9	300181	14"	6"	8"	24"	FST24	303936	28 7/8"	14"	15 1/2"
10"	FST10	300182	14"	6 1/2"	8"						

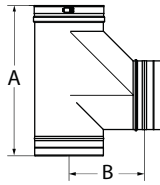
### Branch Tee



Use as a Tee increaser or as a manifold connection to gang boilers into a common vent. **Available in custom size combinations.**

SIZE	ORDER #	STOCK #	A	B	C
4" x 4" x 3"	FST04B03	303004	8 1/10"	3 1/2"	5"
5" x 5" x 3"	FST05B03	303014	8 1/10"	4"	5 3/5"
6" x 6" x 5"	FST06B05	300199	10 1/5"	4 1/2"	5 3/4"

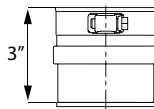
### Boot Tee



Use to transition from horizontal to vertical with improved flue gas flow.

SIZE	ORDER #	STOCK #	A	B	SIZE	ORDER #	STOCK #	A	B
4"	FSBT4	301029	11 1/2"	7 1/2"	9"	FSBT9	301034	16 1/2"	10"
5"	FSBT5	301030	12 1/2"	8"	10"	FSBT10	301035	17 1/2"	10 1/2"
6"	FSBT6	301031	13 1/2"	8 1/2"	12"	FSBT12	301036	19 1/2"	11 1/2"
7"	FSBT7	301032	14 1/2"	9"	14"	FSBT14	301037	21 1/2"	12 1/2"
8"	FSBT8	301033	15 1/2"	9 1/2"	16"	FSBT16	301038	23 1/2"	13 1/2"

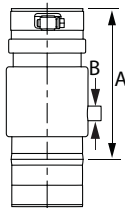
### Tee Cap



Use to cap Standard Tee, Branch Tee or Boot Tee. Remove Tee Cap to inspect the system; clean out debris or collected condensate.

SIZE	ORDER #	STOCK #	SIZE	ORDER #	STOCK #
3"	FSTC3	300205	12"	FSTC12	300213
4"	FSTC4	300206	14"	FSTC14	300214
5"	FSTC5	300207	16"	FSTC16	300215
6"	FSTC6	300208	18"	FSTC18	303941
7"	FSTC7	300209	20"	FSTC20	303942
8"	FSTC8	300210	22"	FSTC22	303943
9"	FSTC9	300211	24"	FSTC24	303944
10"	FSTC10	300212			

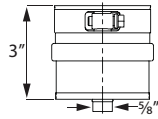
### Universal Condensate Drain



Use to properly manage corrosive condensates common with high efficiency gas appliances. For best results, install close to the appliance. Can be used horizontally, vertically, or any angle in between.

SIZE	ORDER #	STOCK #	A	B
3"	FSUCD3	300959	6 3/5"	5/8"
4"	FSUCD4	300960	6 3/5"	5/8"
5"	FSUCD5	300961	6 3/5"	5/8"
6"	FSUCD6	300962	6 3/5"	5/8"
7"	FSUCD7	300963	6 3/5"	5/8"
8"	FSUCD8	300964	6 3/5"	5/8"
9"	FSUCD9	300965	6 3/5"	5/8"
10"	FSUCD10	300966	6 3/5"	5/8"
12"	FSUCD12	300967	6 3/5"	5/8"
14"	FSUCD14	300968	6 3/5"	5/8"
16"	FSUCD16	300969	6 3/5"	5/8"

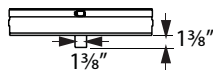
### Drain Fitting



Use instead of Tee Cap to manage condensates at the bottom of a vertical run. For vent systems larger than 16", use an IPS Drain Fitting.

SIZE	ORDER #	STOCK #	SIZE	ORDER #	STOCK #
3"	FSDF3	300220	9"	FSDF9	300226
4"	FSDF4	300221	10"	FSDF10	300227
5"	FSDF5	300222	12"	FSDF12	300228
6"	FSDF6	300223	14"	FSDF14	300229
7"	FSDF7	300224	16"	FSDF16	300230
8"	FSDF8	300225			

### IPS Drain Fitting

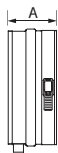


Use to connect iron drain pipe to flow acidic condensates to a neutralization tank before disposal. Uses 1" NPT thread.

SIZE	ORDER #	STOCK #	SIZE	ORDER #	STOCK #
3"	FSIPSDF03	303815	12"	FSIPSDF12	303823
4"	FSIPSDF04	303816	14"	FSIPSDF14	303824
5"	FSIPSDF05	303817	16"	FSIPSDF16	303825
6"	FSIPSDF06	303818	18"	FSIPSDF18	303945
7"	FSIPSDF07	303819	20"	FSIPSDF20	303946
8"	FSIPSDF08	303820	22"	FSIPSDF22	303947
9"	FSIPSDF09	303821	24"	FSIPSDF24	303948
10"	FSIPSDF10	303822			

### Horizontal Drain Fitting

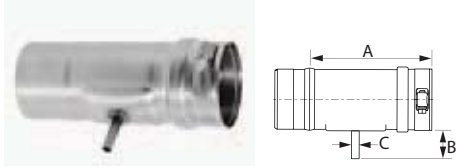
**\*updated photo & drawing\***



Use to manage condensates in horizontal runs. Optimal when ganging multiple appliances into a common vent.

SIZE	ORDER #	STOCK #	A	SIZE	ORDER #	STOCK #	A
3"	FSHDF03	303834	3 1/2"	9"	FSHDF09	303840	3 1/2"
4"	FSHDF04	303835	3 1/2"	10"	FSHDF10	303841	3 1/2"
5"	FSHDF05	303836	3 1/2"	12"	FSHDF12	303842	3 1/2"
6"	FSHDF06	303837	3 1/2"	14"	FSHDF14	303843	3 1/2"
7"	FSHDF07	303838	3 1/2"	16"	FSHDF16	303844	3 1/2"
8"	FSHDF08	303839	3 1/2"				

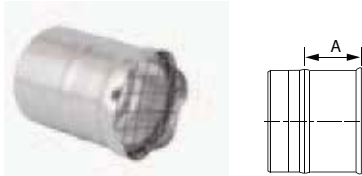
## Horizontal Drip Tee



Use to manage condensate in horizontal runs.

SIZE	ORDER #	STOCK #	A	B	C
3"	FSHDT3	300236	6"	1 1/2"	3/8"
4"	FSHDT4	300237	6"	1 1/2"	3/8"

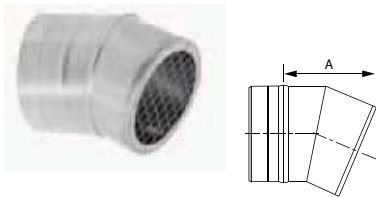
## Bird Screen



Use for 3" and 4" standard through-the-wall terminations. Check installation instructions for restrictions on horizontal terminations, such as minimum distance from windows and doors.

SIZE	ORDER #	STOCK #	A
3"	FSBS3	300186	2"
4"	FSBS4	300187	2"

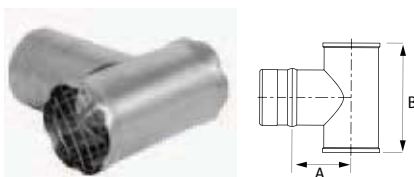
## 23° Bird Screen



Use for 5" to 16" through-the-wall termination. Deters rain and other elements from entering the vent system. Check installation instructions for restrictions on horizontal terminations, such as minimum distance from windows and doors.

SIZE	ORDER #	STOCK #	A
5"	FSBS5	300188	4 4/5"
6"	FSBS6	300189	5 3/5"
7"	FSBS7	300190	6 3/5"
8"	FSBS8	300191	7 1/10"
9"	FSBS9	300192	7 9/10"
10"	FSBS10	300193	8 7/10"
12"	FSBS12	300194	10 1/5"
14"	FSBS14	300195	11 7/10"
16"	FSBS16	300196	13 1/5"

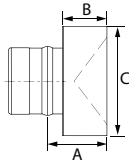
## Termination Tee



Use for standard and high-wind through-the-wall terminations. Check installation instructions for restrictions on horizontal terminations, such as minimum distance from windows and doors.

SIZE	ORDER #	STOCK #	A	B
3"	FSTT3	300311	3"	6"
4"	FSTT4	300312	3 1/2"	7"
5"	FSTT5	300313	4"	8"
6"	FSTT6	300314	4 1/2"	9"

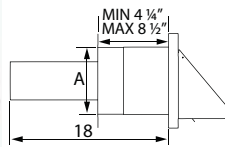
### Termination Box



Use for horizontal through-the-wall terminations. Check installation instructions for restrictions on horizontal terminations, such as minimum distance from windows and doors. Larger sizes available, contact customer service.

SIZE	ORDER #	STOCK #	A	B	C
3"	FSTB3	300500	2 3/16"	2"	5"
4"	FSTB4	300501	2 3/16"	2"	6"

### Wall Thimble w/Termination Damper

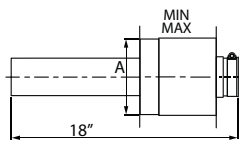


Use for horizontal through-the-wall terminations. Check installation instructions for restrictions on horizontal cap terminations, such as minimum distance from windows and doors. Accommodates wall thickness of 4 1/4" to 8 1/2". Damper prevents backdraft of cold air to appliance. Not a UL Listed component.

SIZE	ORDER #	STOCK #	A
3"	FSWTT3	300810	6"
4"	FSWTT4	300811	7"
5"	FSWTT5	300812	8"

### Wall Thimble w/AVL

**\*updated dimensions\***



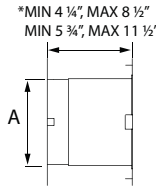
Use for through-the-wall termination. Fits between standard wall studs. 3"-5" diameters accommodates wall thickness of 4 1/4" to 8 1/2". 6"-16" diameters accommodate wall thickness of 5 3/4" to 11 1/2". AVL pipe allows for adjustability in length variance.

SIZE	ORDER #	STOCK #	A
3"	FSWT3	300280	5"
4"	FSWT4	300281	6"
5"	FSWT5	300282	7"
6"	FSWT6	300283	8"
7"	FSWT7	300284	9"
8"	FSWT8	300285	10"
9"	FSWT9	300286	11"
10"	FSWT10	300287	12"
12"	FSWT12	300289	13"
14"	FSWT14	300290	14"
16"	FSWT16	300291	15"



## Wall Pass Through

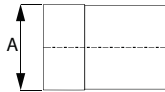
**\*updated dimensions\***



Use for through-the-wall termination. Fits between standard wall studs. 3"-5" diameters accommodates wall thickness of 4 1/4" to 8 1/2". 6"-16" diameters accommodate wall thickness of 5 3/4" to 11 1/2".

SIZE	ORDER #	STOCK #	A	SIZE	ORDER #	STOCK #	A
3"	FSWPT3	300600	6"	9"	FSWPT9	300606	12"
4"	FSWPT4	300601	7"	10"	FSWPT10	300607	13"
5"	FSWPT5	300602	8"	12"	FSWPT12	300608	15"
6"	FSWPT6	300603	9"	14"	FSWPT14	300609	17"
7"	FSWPT7	300604	10"	16"	FSWPT16	300610	19"
8"	FSWPT8	300605	11"				

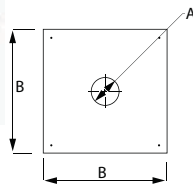
## Wall Thimble Sleeve Extension



Use to add 6" of length to Wall Pass Through and Wall Thimble for thicker walls.

SIZE	ORDER #	STOCK #	A
3"	FSWTE3	300839	6"
4"	FSWTE4	300840	7"
5"	FSWTE5	300841	8"
6"	FSWTE6	300842	9"
7"	FSWTE7	300843	10"
8"	FSWTE8	300844	11"
9"	FSWTE9	300845	12"
10"	FSWTE10	300846	13"
12"	FSWTE12	300847	15"
14"	FSWTE14	300848	17"
16"	FSWTE16	300849	19"

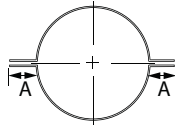
## Firestop/Flat Flashing



Use when penetrating floor levels.

SIZE	ORDER #	STOCK #	A	B	SIZE	ORDER #	STOCK #	A	B
3"	FSFS3	300295	3 1/2"	15"	12"	FSFS12	300322	12 1/2"	24"
4"	FSFS4	300296	4 1/2"	15"	14"	FSFS14	300323	14 1/2"	26"
5"	FSFS5	300297	5 1/2"	17"	16"	FSFS16	300324	16 1/2"	28"
6"	FSFS6	300298	6 1/2"	17"	18"	FSFS18	303981	18 1/2"	30"
7"	FSFS7	300299	7 1/2"	19"	20"	FSFS20	303983	20 1/2"	32"
8"	FSFS8	300300	8 1/2"	19"	22"	FSFS22	303985	22 1/2"	34"
9"	FSFS9	300301	9 1/2"	22"	24"	FSFS24	303988	24 1/2"	36"
10"	FSFS10	300302	10 1/2"	22"					

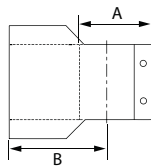
### Support Clamp



Use to support vertical and horizontal runs using threaded rod. Recommended every 10' on vertical runs and every 6' in horizontals. Use additional Support Clamps as needed.

SIZE	ORDER #	STOCK #	A	SIZE	ORDER #	STOCK #	A
3"	FSCL3	300360	1 1/2"	12"	FSCL12	300368	1 1/2"
4"	FSCL4	300361	1 1/2"	14"	FSCL14	300369	1 1/2"
5"	FSCL5	300362	1 1/2"	16"	FSCL16	300293	1 1/2"
6"	FSCL6	300363	1 1/2"	18"	FSCL18	304014	1 1/2"
7"	FSCL7	300364	1 1/2"	20"	FSCL20	304016	1 1/2"
8"	FSCL8	300365	1 1/2"	22"	FSCL22	304018	1 1/2"
9"	FSCL9	300366	1 1/2"	24"	FSCL24	304020	1 1/2"
10"	FSCL10	300367	1 1/2"				

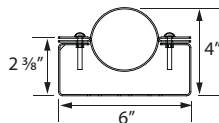
### Wall Bracket



Use to support vent pipe or tee sections. Provides proper clearance to combustibles.

SIZE	ORDER #	STOCK #	A	B	SIZE	ORDER #	STOCK #	A	B
3"	FSWB3	300430	3"	3 1/2"	9"	FSWB9	300436	9"	6 1/2"
4"	FSWB4	300431	4"	4"	10"	FSWB10	300437	10"	7"
5"	FSWB5	300432	5"	4 1/2"	12"	FSWB12	300438	12"	8"
6"	FSWB6	300433	6"	5"	14"	FSWB14	300439	14"	9"
7"	FSWB7	300434	7"	5 1/2"	16"	FSWB16	300440	16"	10"
8"	FSWB8	300435	8"	6"					

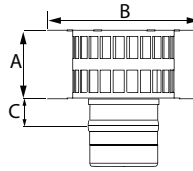
### Adjustable Wall Bracket



Use to support vent pipe in lateral and horizontal runs. Assist in achieving proper pitch for condensate management. Adjusts up to 3".

SIZE	ORDER #	STOCK #
3"	FSAWB03	303801
4"	FSAWB04	303802

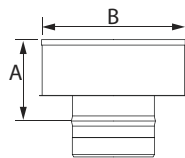
### Rain Cap



Use to terminate above the roof line. When terminating above 12" vent diameter use a Termination Cone.

SIZE	ORDER #	STOCK #	A	B	C
3"	FSRC3	300325	3 1/2"	6 4/5"	1"
4"	FSRC4	300326	4 1/2"	8 9/10"	1"
5"	FSRC5	300327	5 4/5"	11 3/10"	1"
6"	FSRC6	300328	6 4/5"	13 1/2"	1"
7"	FSRC7	300329	7 4/5"	15 4/5"	1"
8"	FSRC8	300330	8 4/5"	18"	1"
9"	FSRC9	300331	10"	20 3/10"	1"
10"	FSRC10	300332	11"	22 1/2"	1"
12"	FSRC12	300333	13"	27"	1"

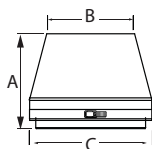
### Severe Weather Rain Cap



Use where high winds and horizontal rain are present. For vertical termination only.

SIZE	ORDER #	STOCK #	A	B
4"	FSSWRC04	303964	6"	7 1/10"

### Termination Cone **\*updated stock#\***



Use for vertical termination. Creates static back pressure to adjust harmonics. Venturi effect increases velocity of flue gases. Reduced opening provides for a smaller cross section to deter rain from entering the system. **Available in custom size combinations.**

SIZE	ORDER #	STOCK #	A	B	C
5" x 4"	FSCN0504	303776	6 3/5"	4"	5"
12" x 10"	FSCN1210	300868	6 3/5"	10"	12"
14" x 12"	FSCN1412	300622	6 3/5"	12"	14"
16" x 14"	FSCN1614	300623	6 3/5"	14"	16"
18" x 16"	FSCN1816	300748	6 3/5"	16"	18"
20" x 18"	FSCN2018	303551	6 3/5"	18"	20"
22" x 20"	FSCN2220	303552	6 3/5"	20"	22"
24" x 22"	FSCN2422	303553	6 3/5"	22"	24"

### Storm Collar



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

SIZE	ORDER #	STOCK #	SIZE	ORDER #	STOCK #
3"	FSC3	300944	12"	FSC12	300954
4"	FSC4	300945	14"	FSC14	300956
5"	FSC5	300946	16"	FSC16	300958
6"	FSC6	300947	18"	FSC18	303991
7"	FSC7	300948	20"	FSC20	303993
8"	FSC8	300949	22"	FSC22	303995
9"	FSC9	300950	24"	FSC24	303997
10"	FSC10	300952			

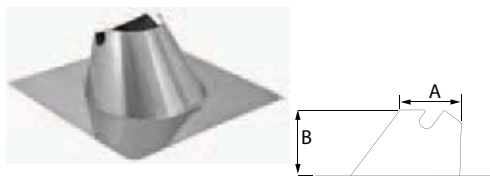
### Roof Jack



Use as a heat shield within the flashing. Maintains center-line and clearance to combustibles.

SIZE	ORDER #	STOCK #	A	SIZE	ORDER #	STOCK #	A
3"	FSVRJ3	300911	4"	12"	FSVRJ12	300919	13"
4"	FSVRJ4	300912	5"	14"	FSVRJ14	300920	15"
5"	FSVRJ5	300913	6"	16"	FSVRJ16	300921	17"
6"	FSVRJ6	300914	7"	18"	FSVRJ18	300993	19"
7"	FSVRJ7	300915	8"	20"	FSVRJ20	300994	21"
8"	FSVRJ8	300916	9"	22"	FSVRJ22	300995	23"
9"	FSVRJ9	300917	10"	24"	FSVRJ24	300996	25"
10"	FSVRJ10	300918	11"				

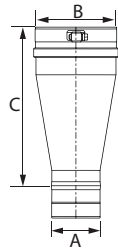
### Variable Pitch Roof Flashing



Use to create a weather-tight penetration where the vent pipe passes through the roof. Roof Jack and Storm Collar required. 3"-24"Ø accommodates flat to 9/12 roof pitch.

SIZE	ORDER #	STOCK #	A	B	SIZE	ORDER #	STOCK #	A	B
3"	FSVPF3	300922	5"	7"	12"	FSVPF12	300930	14"	7"
4"	FSVPF4	300923	6"	7"	14"	FSVPF14	300931	16"	7"
5"	FSVPF5	300924	7"	7"	16"	FSVPF16	300932	18"	7"
6"	FSVPF6	300925	8"	7"	18"	FSVPF18	300987	20"	28 1/2"
7"	FSVPF7	300926	9"	7"	20"	FSVPF20	300984	22"	29 1/2"
8"	FSVPF8	300927	10"	7"	22"	FSVPF22	300985	24"	30 1/2"
9"	FSVPF9	300928	11"	7"	24"	FSVPF24	300986	26"	31 1/2"
10"	FSVPF10	300929	12"	7"					

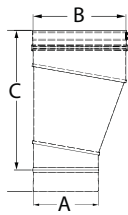
### Tapered Increaser



Use to increase vent diameter. Creates a smooth transition for an undistruptive flow. **Available in custom size combinations.**

SIZE	ORDER #	STOCK #	A	B	C
3" x 4"	FS0304TI	300700	3"	4"	6 9/10"
4" x 5"	FS0405TI	300710	4"	5"	6 9/10"

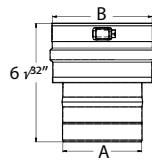
### Eccentric Increaser



Use to transition to a larger diameter pipe. Prevents condensate puddling when used on horizontal runs. Aids in reducing formation of condensates. Maximum 10" difference between diameter increase size on both sizes. **Available in custom size combinations.**

SIZE	ORDER #	STOCK #	A	B	C
3" x 4"	FS0304EI	303787	6"	8"	10 3/8"
4" x 5"	FS0405EI	303739	4"	5"	7 3/25"

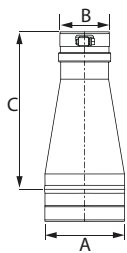
### Stepped Increaser



Use to increase vent diameter when space constraints are an issue. **Available in custom size combinations.**

SIZE	ORDER #	STOCK #	A	B
3" x 4"	FS34I	300382	3"	4"
4" x 5"	FS45I	300381	4"	5"

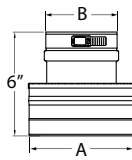
### Tapered Reducer



Use to reduce vent diameter. Creates a smooth transition for an undistruptive flow. Maximum 10" diameter increase size on both sizes. **Available in custom size combinations.**

SIZE	ORDER #	STOCK #	A	B	C
4" x 3"	FS0403TR	300809	4"	3"	6 9/10"
5" x 4"	FS0504TR	300807	5"	4"	6 9/10"

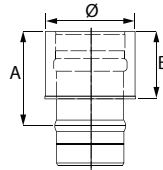
### Stepped Reducer



Use to reduce vent diameter when space constraints are an issue.  
**Available in custom size combinations.**

SIZE	ORDER #	STOCK #	A	B
4" x 3"	FS43R	300380	4"	3"
5" x 4"	FS54R	300455	5"	4"

### Double-Wall Adapter



Use to transition from a single-wall pipe to double-wall pipe.

SIZE	ORDER #	STOCK #	A	B
3"	FSA-SWDW3	100141	4"	3"
4"	FSA-SWDW4	100142	4"	3"
5"	FSA-SWDW5	100143	4"	3"
6"	FSA-SWDW6	100144	4"	3"
7"	FSA-SWDW7	100145	4"	3"
8"	FSA-SWDW8	100146	4"	3"
9"	FSA-SWDW9	100147	4"	3"
10"	FSA-SWDW10	100148	4"	3"
12"	FSA-SWDW12	100149	4"	3"
14"	FSA-SWDW14	100150	4"	3"
16"	FSA-SWDW16	100151	4"	3"
18"	FSA-SWDW18	100152	4"	3"
20"	FSA-SWDW20	100153	4"	3"
22"	FSA-SWDW22	100154	4"	3"
24"	FSA-SWDW24	100155	4"	3"

### Standard Wall Mount Kit



Kit includes: Wall Thimble w/Termination, Adjustable 90° Elbow, and Universal Appliance Adapter.

Use to vent wall mounted boilers or tankless water heaters. Terminates through-the-wall only. Available in 3", 4" and 5" vent diameters. Adjust vertically from 16 1/2" to 21" and horizontally from 8" to 12 1/2". 3" & 4" compatible with most gas-burning appliances. 5" compatible with tankless. Not a UL Listed component.

SIZE	ORDER #	STOCK #
3"	FSWMK3	300676
4"	FSWMK4	300684
5"	FSWMK5	304000

## Severe Weather Kit



Kit includes: Wall Thimble w/Termination Tee, Adjustable 90° Elbow, and Universal Appliance Adapter w/Condensate Drain and Back Draft Preventer.

Use to vent wall mounted boilers or tankless water heaters. Use in areas of extreme wet and cold weather. Designed to prevent appliance freeze-up while maintaining an obstruction free exhaust. Available in 4" vent diameters, compatible with most 4" exhaust gas appliances. Add a 90° Elbow and Vent Length on the outside of the house to clear high snow lines.

SIZE	ORDER #	STOCK #
4"	FSSWWMK4	303290

## Variable Pitch Flashing Kit



Kit includes: Rain Cap, Storm Collar, Roof Jack, and Roof Flashing. (\*VPKA Kit includes: a Universal Appliance Adapter w/Condensate Drain).

Use to terminate through-the-roof vent systems. Kit accommodates flat to 9/12 roof pitch.

SIZE	ORDER #	STOCK #	SIZE	ORDER #	STOCK #
3"	FSVPK3	300661	9"	FSVPK9	300667
4"	FSVPK4	300662	10"	FSVPK10	300668
4"	FSVPKA4*	303119	12"	FSVPK12	300669
5"	FSVPK5	300663	14"	FSVPK14	300670
6"	FSVPK6	300664	16"	FSVPK16	300671
7"	FSVPK7	300665			
8"	FSVPK8	300666			

## 90° Bird Screen Wall Mount Kit



Kit includes: 90° Bird Screen Termination, Wall Thimble, Adjustable 90° Elbow, and Universal Appliance Adapter.

Use to vent wall mounted boilers or tankless water heaters. 3" kit adjusts vertically from 14 1/2" to 19" and horizontally from 9" to 13 1/2". 4" kit adjusts vertically from 14" to 18 1/2" and horizontally from 9" to 13 1/2". Compatible with all Rheem gas appliances. 3" kit requires a FSA-RI-4.2 Adapter.

SIZE	ORDER #	STOCK #
3"	FSWMKE3	303300
4"	FSWMKE4	300864

### Ceiling Mounted Heater Vent Kit

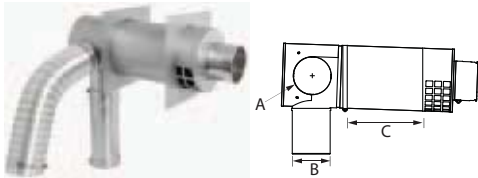


Kit includes Termination Tee, Wall Thimble w/Adjustable Vent Length, (2) 12" Vent Lengths, and Universal Appliance Adapter. \*4" kit includes Universal Appliance Adapter with Condensate Drain.

Use to vent ceiling mounted heaters, through-the-wall termination only. Compatible with Modine ceiling heaters.

SIZE	ORDER #	STOCK #
3"	FSCMK3	300682
4"	FSCMK4	301011

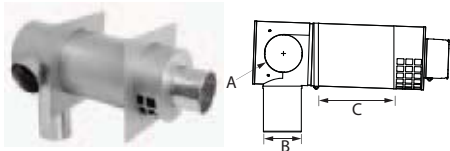
### Universal Concentric Kit



Use for through-the-wall termination with direct vent wall mounted gas appliances. Features an adjustable right and left hand air intake snout and accommodates wall thickness of 10" - 18". Check installation instructions for restrictions on horizontal termination, such as minimum distance from windows and doors.

SIZE	ORDER #	STOCK #	A	B	C
4"	FSEDVWMT04U	303238	4"	4"	10" - 18"
5"	FSEDVWMT05U	303242	5"	5"	10" - 18"

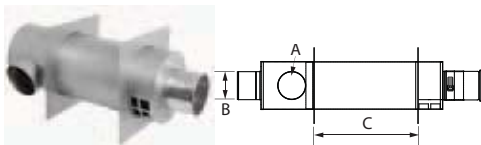
### Wall Mount Concentric Kit



Use for through-the-wall termination with direct vent wall mounted gas appliances. Features a fixed right or left hand air intake snout and accommodates a maximum of 8" wall thickness. Check installation instructions for restrictions on horizontal termination, such as minimum distance from windows and doors.

SIZE	ORDER #	STOCK #	A	B	C
4"	FSDVWMT0403RH	303351	4"	3"	8" max.
4"	FSDVWMT0403LH	303352	4"	3"	8" max.
4"	FSDVWMT04RH	303260	4"	4"	8" max.
4"	FSDVWMT04LH	303280	4"	4"	8" max.

### Remote Concentric Kit



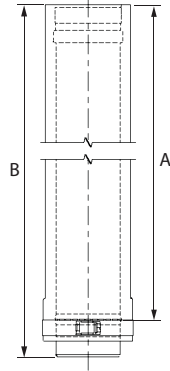
Use for through-the-wall termination with direct vent gas appliances located away from the wall. Check installation instructions for restrictions on horizontal termination, such as minimum distance from windows and doors.

SIZE	ORDER #	STOCK #	A	B	C
3"	FSDVWT03	303800	3"	3"	11" max.
4"	FSDVWT04	303259	4"	4"	11" max.
4"	FSDVWT0403	303350	4"	3"	11" max.



# FasNSeal W2® - Double-Wall

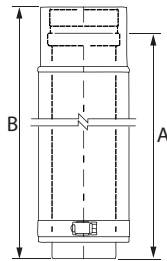
## Vent Length



Used for venting special gas burning Categories II, III and IV appliances. To calculate O.D. add 1" to vent diameter.

SIZE	ORDER #	STOCK #	A	B	SIZE	ORDER #	STOCK #	A	B
3"	W2-603	100001	4"	6"	10"	W2-2410	100067	22"	24"
3"	W2-1203	100015	10"	12"	10"	W2-3610	100082	34"	36"
3"	W2-1803	100045	16"	18"	12"	W2-612	100009	4"	6"
3"	W2-2403	100060	22"	24"	12"	W2-1212	100023	10"	12"
3"	W2-3603	100075	34"	36"	12"	W2-1812	100053	16"	18"
4"	W2-604	100002	4"	6"	12"	W2-2412	100068	22"	24"
4"	W2-1204	100016	10"	12"	12"	W2-3612	100083	34"	36"
4"	W2-1804	100046	16"	18"	14"	W2-614	100010	4"	6"
4"	W2-2404	100061	22"	24"	14"	W2-1214	100024	10"	12"
4"	W2-3604	100076	34"	36"	14"	W2-1814	100054	16"	18"
5"	W2-605	100003	4"	6"	14"	W2-2414	100069	22"	24"
5"	W2-1205	100017	10"	12"	14"	W2-3614	100084	34"	36"
5"	W2-1805	100047	16"	18"	16"	W2-616	100011	4"	6"
5"	W2-2405	100062	22"	24"	16"	W2-1216	100025	10"	12"
5"	W2-3605	100077	3"	36"	16"	W2-1816	100055	16"	18"
6"	W2-606	100004	4"	6"	16"	W2-2416	100070	22"	24"
6"	W2-1206	100018	10"	12"	16"	W2-3616	100085	34"	36"
6"	W2-1806	100048	16"	18"	18"	W2-618	103905	4"	6"
6"	W2-2406	100063	22"	24"	18"	W2-1218	103909	10"	12"
6"	W2-3606	100078	34"	36"	18"	W2-1818	103913	16"	18"
7"	W2-607	100005	4"	6"	18"	W2-2418	103917	22"	24"
7"	W2-1207	100019	10"	12"	18"	W2-3618	103921	34"	36"
7"	W2-1807	100049	16"	18"	20"	W2-620	103906	4"	6"
7"	W2-2407	100064	22"	24"	20"	W2-1220	103910	10"	12"
7"	W2-3607	100079	34"	36"	20"	W2-1820	103914	16"	18"
8"	W2-608	100006	4"	6"	20"	W2-2420	103918	22"	24"
8"	W2-1208	100020	10"	12"	20"	W2-3620	103922	34"	36"
8"	W2-1808	100050	16"	18"	22"	W2-622	103907	4"	6"
8"	W2-2408	100065	22"	24"	22"	W2-1222	103911	10"	12"
8"	W2-3608	100080	34"	36"	22"	W2-1822	103915	16"	18"
9"	W2-609	100007	4"	6"	22"	W2-2422	103919	22"	24"
9"	W2-1209	100021	10"	12"	22"	W2-3622	103923	34"	36"
9"	W2-1809	100051	16"	18"	24"	W2-624	103908	4"	6"
9"	W2-2409	100066	22"	24"	24"	W2-1224	103912	10"	12"
9"	W2-3609	100081	34"	36"	24"	W2-1824	103916	16"	18"
10"	W2-610	100008	4"	6"	24"	W2-2424	103920	22"	24"
10"	W2-1210	100022	10"	12"	24"	W2-3624	103924	34"	36"
10"	W2-1810	100052	16"	18"					

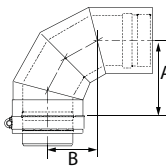
### Adjustable Vent Length



Use to add variable length to your straight length of FasNSeal pipe. Adds 2"-14" of length. Requires at least 4" overlap for a secure connection.

SIZE	ORDER #	STOCK #	A	B	SIZE	ORDER #	STOCK #	A	B
3"	W2-AVL3	100250	2"-14"	18"	12"	W2-AVL12	100258	2"-14"	18"
4"	W2-AVL4	100251	2"-14"	18"	14"	W2-AVL14	100259	2"-14"	18"
5"	W2-AVL5	100252	2"-14"	18"	16"	W2-AVL16	100260	2"-14"	18"
6"	W2-AVL6	100253	2"-14"	18"	18"	W2-AVL18	103937	2"-14"	18"
7"	W2-AVL7	100254	2"-14"	18"	20"	W2-AVL20	103938	2"-14"	18"
8"	W2-AVL8	100255	2"-14"	18"	22"	W2-AVL22	103939	2"-14"	18"
9"	W2-AVL9	100256	2"-14"	18"	24"	W2-AVL24	103940	2"-14"	18"
10"	W2-AVL10	100257	2"-14"	18"					

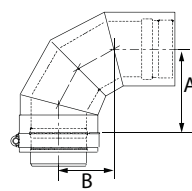
### 90° Elbow



Use to go from horizontal to vertical runs or vertical to horizontal runs. Use to turn vent 90°.

SIZE	ORDER #	STOCK #	A	B	SIZE	ORDER #	STOCK #	A	B
3"	W2-9003	100160	3 9/10"	5 9/10"	12"	W2-9012	100168	8 3/5"	10 3/5"
4"	W2-9004	100161	4 3/5"	6 3/5"	14"	W2-9014	100169	9 3/5"	11 3/5"
5"	W2-9005	100162	4 9/10"	6 9/10"	16"	W2-9016	100170	10 1/10"	12 3/5"
6"	W2-9006	100163	5 3/5"	7 3/5"	18"	W2-9018	103929	11 1/2"	13 4/11"
7"	W2-9007	100164	5 9/10"	7 9/10"	20"	W2-9020	103930	12 1/2"	14 4/11"
8"	W2-9008	100165	6 3/5"	8 3/5"	22"	W2-9022	103931	13 3/2"	15 4/11"
9"	W2-9009	100166	6 9/10"	8 9/10"	24"	W2-9024	103932	14 1/2"	16 4/11"
10"	W2-9010	100167	7 3/5"	9 3/5"					

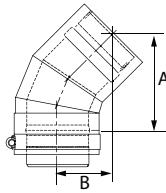
### 88° Elbow



Use to transition from a vertical to a horizontal run. Facilitates a 2° pitch towards the condensate drain for good condensate management.

SIZE	ORDER #	STOCK #	A	B	SIZE	ORDER #	STOCK #	A	B
3"	W2-8803	103890	3 9/10"	5 9/10"	12"	W2-8812	103898	8 3/5"	10 3/5"
4"	W2-8804	103891	4 3/5"	6 3/5"	14"	W2-8814	103899	9 3/5"	11 3/5"
5"	W2-8805	103892	4 9/10"	6 9/10"	16"	W2-8816	103900	10 1/10"	12 3/5"
6"	W2-8806	103893	5 3/5"	7 3/5"	18"	W2-8818	103901	11 1/2"	13 4/11"
7"	W2-8807	103894	5 9/10"	7 9/10"	20"	W2-8820	103902	12 1/2"	14 4/11"
8"	W2-8808	103895	6 3/5"	8 3/5"	22"	W2-8822	103903	13 3/2"	15 4/11"
9"	W2-8809	103896	6 9/10"	8 9/10"	24"	W2-8824	103904	14 1/2"	16 4/11"
10"	W2-8810	103897	7 3/5"	9 3/5"					

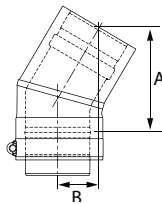
### 45° Elbow



Offsets obstructions as needed. Allows for better condensate management and less back pressure.

SIZE	ORDER #	STOCK #	A	B	SIZE	ORDER #	STOCK #	A	B
3"	W2-4503	100130	5 1/8"	3"	12"	W2-4512	100138	8 3/5"	4 3/10"
4"	W2-4504	100131	5 3/5"	3 1/10"	14"	W2-4514	100139	9 1/10"	4 7/10"
5"	W2-4505	100132	6"	3 1/5"	16"	W2-4516	100140	9 4/5"	4 9/10"
6"	W2-4506	100133	6 3/10"	3 3/5"	18"	W2-4518	103925	11 1/2"	7 7/10"
7"	W2-4507	100134	6 7/10"	3 1/2"	20"	W2-4520	103926	12	8 1/5"
8"	W2-4508	100135	7"	3 7/10"	22"	W2-4522	103927	13	8 7/10"
9"	W2-4509	100136	7 3/5"	3 4/5"	24"	W2-4524	103928	14"	9 1/5"
10"	W2-4510	100137	7 7/10"	4"					

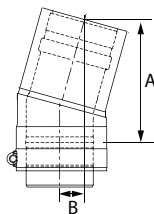
### 30° Elbow



Offsets obstructions as needed. Allows for better condensate management and less back pressure.

SIZE	ORDER #	STOCK #	A	B	SIZE	ORDER #	STOCK #	A	B
3"	W2-3003	100650	4 9/10"	1 4/5"	9"	W2-3009	100656	6 3/5"	2 1/5"
4"	W2-3004	100651	5 1/5"	1 9/10"	10"	W2-3010	100657	6 7/10"	2 3/10"
5"	W2-3005	100652	5 3/5"	2"	12"	W2-3012	100658	7 1/5"	2 2/5"
6"	W2-3006	100653	5 7/10"	2"	14"	W2-3014	100659	7 7/10"	2 3/5"
7"	W2-3007	100654	5 9/10"	2 1/10"	16"	W2-3016	100660	8 1/5"	2 7/10"
8"	W2-3008	100655	6 1/10"	2 1/5"					

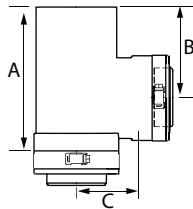
### 15° Elbow



Offsets obstructions as needed. Allows for better condensate management and less back pressure.

SIZE	ORDER #	STOCK #	A	B	SIZE	ORDER #	STOCK #	A	B
3"	W2-1503	100239	4 9/10"	1 4/5"	9"	W2-1509	100245	6 3/5"	2 1/5"
4"	W2-1504	100240	5 1/5"	1 9/10"	10"	W2-1510	100246	6 7/10"	2 3/10"
5"	W2-1505	100241	5 3/5"	2"	12"	W2-1512	100247	7 1/5"	2 2/5"
6"	W2-1506	100242	5 7/10"	2"	14"	W2-1514	100248	7 7/10"	2 3/5"
7"	W2-1507	100243	5 9/10"	2 1/10"	16"	W2-1516	100249	8 1/5"	2 7/10"
8"	W2-1508	100244	6 1/10"	2 1/5"					

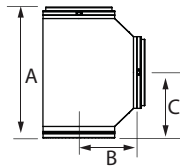
### Standard Tee



Use for a 90° offset, to combine connections from two or more appliances into a common vent or as a condensate management point when used in conjunction with drain fitting. All Standard Tees have completely welded inner walls.

SIZE	ORDER #	STOCK #	A	B	C	SIZE	ORDER #	STOCK #	A	B	C
3"	W2-T3	100175	7 3/10"	4 1/2"	3"	12"	W2-T12	100183	16 3/10"	9"	7"
4"	W2-T4	100176	8 3/10"	4 4/5"	3 1/2"	14"	W2-T14	100184	20 3/10"	11"	8 1/2"
5"	W2-T5	100177	9 3/10"	5 3/10"	4"	16"	W2-T16	100185	22 3/10"	12"	9 1/2"
6"	W2-T6	100178	10 3/10"	5 4/5"	4 1/2"	18"	W2-T18	103933	22 7/8"	12 1/2"	11"
7"	W2-T7	100179	11 3/10"	6 3/10"	5"	20"	W2-T20	103934	24 7/8"	13 1/2"	12"
8"	W2-T8	100180	12 3/10"	6 4/5"	5 1/2"	22"	W2-T22	103935	26 7/8"	14 1/2"	13"
9"	W2-T9	100181	13 3/10"	7 3/10"	6"	24"	W2-T24	103936	28 7/8"	15 1/2"	14"
10"	W2-T10	100182	14 3/10"	7 4/5"	6 1/2"						

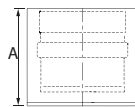
### Wide Mouth Boot Tee



Use to transition from horizontal to vertical with improved flue gas flow with angled gradual transitions. Can also be used as a manifold connection to gang boilers into a common vent. Completely welded inner walls.

SIZE	ORDER #	A	B	C	SIZE	ORDER #	A	B	C
4"	W2-WBT4	15 3/4"	7"	6 9/10"	12"	W2-WBT12	23 3/4"	11"	10 1/10"
5"	W2-WBT5	16 3/4"	7 1/2"	7 4/10"	14"	W2-WBT14	25 3/4"	12"	11 1/10"
6"	W2-WBT6	17 3/4"	8"	7 9/10"	16"	W2-WBT16	27 3/4"	13"	12 1/10"
7"	W2-WBT7	18 3/4"	8 1/2"	8 4/10"	18"	W2-WBT18	29 3/4"	14"	13 1/10"
8"	W2-WBT8	19 3/4"	9"	8 9/10"	20"	W2-WBT20	31 3/4"	15"	14 1/10"
9"	W2-WBT9	20 3/4"	9 1/2"	9 4/10"	22"	W2-WBT22	33 3/4"	16"	15 1/10"
10"	W2-WBT10	21 3/4"	10"	9 9/10"	24"	W2-WBT24	35 3/4"	17"	16 1/10"

### Tee Cap



Use to cap Standard Tee, Branch Tee or Boot Tee. Remove Tee Cap to inspect the system; clean out debris.

SIZE	ORDER #	STOCK #	A	SIZE	ORDER #	STOCK #	A
3"	W2-TC3	100205	3 1/2"	12"	W2-TC12	100213	3 1/2"
4"	W2-TC4	100206	3 1/2"	14"	W2-TC14	100214	3 1/2"
5"	W2-TC5	100207	3 1/2"	16"	W2-TC16	100215	3 1/2"
6"	W2-TC6	100208	3 1/2"	18"	W2-TC18	103941	3 1/2"
7"	W2-TC7	100209	3 1/2"	20"	W2-TC20	103942	3 1/2"
8"	W2-TC8	100210	3 1/2"	22"	W2-TC22	103943	3 1/2"
9"	W2-TC9	100211	3 1/2"	24"	W2-TC24	103944	3 1/2"
10"	W2-TC10	100212	3 1/2"				

### Drain Fitting



Use instead of Tee Cap to manage condensates at the bottom of a vertical run. For vent systems larger than 16", use an IPS Drain Fitting.

SIZE	ORDER #	STOCK #	A	B	SIZE	ORDER #	STOCK #	A	B
3"	W2-DF3	100220	3 1/2"	5/8"	9"	W2-DF9	100226	3 1/2"	5/8"
4"	W2-DF4	100221	3 1/2"	5/8"	10"	W2-DF10	100227	3 1/2"	5/8"
5"	W2-DF5	100222	3 1/2"	5/8"	12"	W2-DF12	100228	3 1/2"	5/8"
6"	W2-DF6	100223	3 1/2"	5/8"	14"	W2-DF14	100229	3 1/2"	5/8"
7"	W2-DF7	100224	3 1/2"	5/8"	16"	W2-DF16	100230	3 1/2"	5/8"
8"	W2-DF8	100225	3 1/2"	5/8"					

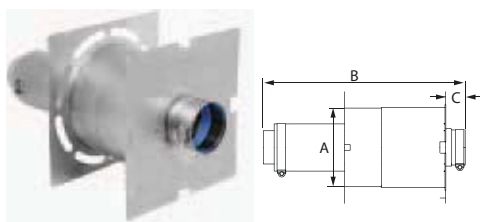
### IPS Drain Fitting



Use to connect iron drain pipe to flow acidic condensates to a neutralization tank before disposal. Uses 1" NPT thread.

SIZE	ORDER #	STOCK #	A	SIZE	ORDER #	STOCK #	A
3"	W2-IPSDF3	103815	3 1/2"	12"	W2-IPSDF12	103823	3 1/2"
4"	W2-IPSDF4	103816	3 1/2"	14"	W2-IPSDF14	103824	3 1/2"
5"	W2-IPSDF5	103817	3 1/2"	16"	W2-IPSDF16	103825	3 1/2"
6"	W2-IPSDF6	103818	3 1/2"	18"	W2-IPSDF18	103945	3 1/2"
7"	W2-IPSDF7	103819	3 1/2"	20"	W2-IPSDF20	103946	3 1/2"
8"	W2-IPSDF8	103820	3 1/2"	22"	W2-IPSDF22	103947	3 1/2"
9"	W2-IPSDF9	103821	3 1/2"	24"	W2-IPSDF24	103948	3 1/2"
10"	W2-IPSDF10	103822	3 1/2"				

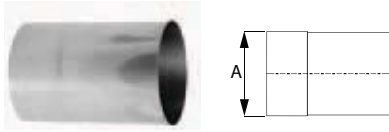
### Wall Thimble w/AVL



Use for through-the-wall termination. Fits between standard wall studs. 3"-5" diameters accommodates wall thickness of 4 1/4" to 8 1/2". 6"-16" diameters accommodate wall thickness of 5 3/4" to 11 1/2". AVL pipe allows for adjustability in length variance.

SIZE	ORDER #	STOCK #	A	B	C
3"	W2-WT3	100280	9"	18"	1 1/5"
4"	W2-WT4	100281	10"	18"	1 1/5"
5"	W2-WT5	100282	11"	18"	1 1/5"
6"	W2-WT6	100283	12"	18"	1 1/5"
7"	W2-WT7	100284	13"	18"	1 1/5"
8"	W2-WT8	100285	14"	18"	1 1/5"
9"	W2-WT9	100286	15"	18"	1 1/5"
10"	W2-WT10	100287	16"	18"	1 1/5"
12"	W2-WT12	100289	18"	18"	1 1/5"
14"	W2-WT14	100290	20"	18"	1 1/5"
16"	W2-WT16	100291	22"	18"	1 1/5"

### Wall Thimble Sleeve



When installing FasNSeal W2 with this component use 1" larger diameter, (e.g. 10" vent system, use 11" size).

SIZE	ORDER #	STOCK #	A	B
3"	FSWTE3	300839	6"	9"
4"	FSWTE4	300840	7"	9"
5"	FSWTE5	300841	8"	9"
6"	FSWTE6	300842	9"	9"
7"	FSWTE7	300843	10"	9"
8"	FSWTE8	300844	11"	9"
9"	FSWTE9	300845	12"	9"
10"	FSWTE10	300846	13"	9"
12"	FSWTE12	300847	15"	9"
14"	FSWTE14	300848	17"	9"
16"	FSWTE16	300849	19"	9"

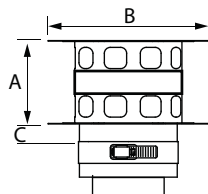
### Support Clamp



Use to support vertical and horizontal runs. Recommended every 10' in the vertical run. Use additional Support Clamps as needed. When installing FasNSeal W2 with this component use 1" larger diameter, (e.g. 10" vent system, use 11" size).

SIZE	ORDER #	STOCK #	A	SIZE	ORDER #	STOCK #	A
4"	FSCL4	300361	1 1/2"	13"	FSCL13	300485	1 1/2"
5"	FSCL5	300362	1 1/2"	15"	FSCL15	300486	1 1/2"
6"	FSCL6	300363	1 1/2"	17"	FSCL17	300487	1 1/2"
7"	FSCL7	300364	1 1/2"	19"	FSCL19	304015	1 1/2"
8"	FSCL8	300365	1 1/2"	21"	FSCL21	304017	1 1/2"
9"	FSCL9	300366	1 1/2"	23"	FSCL23	304019	1 1/2"
10"	FSCL10	300367	1 1/2"	25"	FSCL25	304021	1 1/2"
11"	FSCL11	300484	1 1/2"				

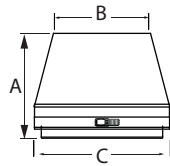
## Rain Cap



Use where pipe terminates above the roof line. When terminating larger than 12" vent diameter use a Termination Cone.

SIZE	ORDER #	STOCK #	A	B	C
3"	W2-RC3	100325	3 1/2"	6 4/5"	1"
4"	W2-RC4	100326	4 1/2"	8 9/10"	1"
5"	W2-RC5	100327	5 4/5"	11 3/10"	1"
6"	W2-RC6	100328	6 4/5"	13 1/2"	1"
7"	W2-RC7	100329	7 4/5"	15 4/5"	1"
8"	W2-RC8	100330	8 4/5"	18"	1"
9"	W2-RC9	100331	10"	20 3/10"	1"
10"	W2-RC10	100332	11"	22 1/2"	1"
12"	W2-RC12	100333	13"	27"	1"

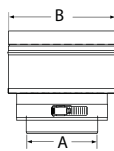
## Termination Cone



Use for vertical termination. Creates static back pressure to adjust harmonics. Venturi effect increases velocity of flue gases. Reduced opening provides for a smaller cross section to deter rain from entering the system. **Available in custom size combinations.**

SIZE	ORDER #	STOCK #	A	B	C
8" x 6"	W2-CN0806	100618	8"	6"	6 3/5"
14" x 12"	W2-CN1412	100622	14"	12"	6 3/5"

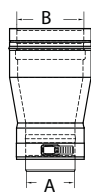
## Stepped In increaser



Use to increase vent diameter when space constraints are an issue. **Available in custom size combinations.**

SIZE	ORDER #	STOCK #	A	B
4" x 5"	W2-45I	100381	4"	5"
8" x 9"	W2-89I	100401	8"	9"

## Tapered In increaser



Use to increase vent diameter. Creates a smooth transition for an undisruptive flow. FasNSeal W2 has a 10" max change in diameter. **Available in custom size combinations.**

SIZE	ORDER #	STOCK #	A	B
3" x 4"	W2-0304TI	100407	3"	4"
3" x 6"	W2-0306TI	100406	3"	6"

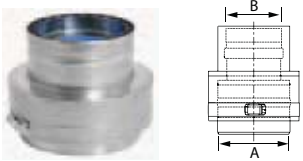
### Eccentric Increaser



Use to transition to a larger diameter pipe. Adjusts the systems center point to offset from obstructions. Aids in reducing formation of condensates on horizontal runs. FasNSeal W2 has a 10" max change in diameter. **Available in custom size combinations.**

SIZE	ORDER #	STOCK #	A	B
8" x 10"	W2-0810EI	100439	8"	10"

### Stepped Reducer



Use to reduce vent diameter when space constraints are an issue. **Available in custom size combinations.**

SIZE	ORDER #	STOCK #	A	B
7" x 5"	W2-75R	100638	7"	5"
12" x 10"	W2-1210R	100403	12"	10"

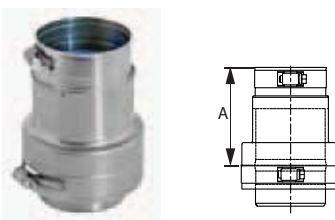
### Tapered Reducer



Use to reduce vent diameter. Creates a smooth transition for an undistruptive flow. FasNSeal W2 has a 10" max change in diameter. **Available in custom size combinations.**

SIZE	ORDER #	STOCK #	A	B
8" x 7"	W2-0807TR	100395	8"	7"
10" x 7"	W2-1007TR	100369	10"	7"

### Single-Wall Adapter

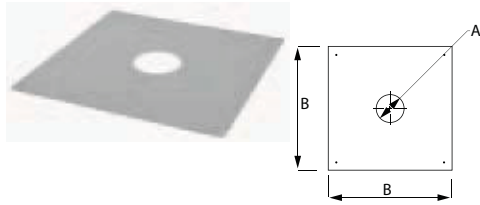


Use to transition from double-wall pipe to single-wall pipe.

SIZE	ORDER #	STOCK #	A	SIZE	ORDER #	STOCK #	A
3"	FSA-DWSW3	400193	4"	9"	FSA-DWSW9	100199	4"
4"	FSA-DWSW4	100194	4"	10"	FSA-DWSW10	100200	4"
5"	FSA-DWSW5	100195	4"	12"	FSA-DWSW12	100201	4"
6"	FSA-DWSW6	100196	4"	14"	FSA-DWSW14	100202	4"
7"	FSA-DWSW7	100197	4"	16"	FSA-DWSW16	100203	4"
8"	FSA-DWSW8	100198	4"				



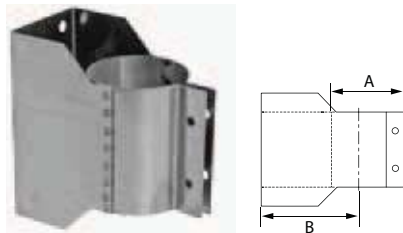
### Firestop/Flat Flashing



Use when penetrating floor levels. When installing double-wall with this component use 1" larger diameter, (e.g. 10" vent system, use 11" size).

SIZE	ORDER #	STOCK #	A	B	SIZE	ORDER #	STOCK #	A	B
4"	FSFS4	300296	4 ¼"	15"	15"	FSFS15	300482	15 ½"	28"
5"	FSFS5	300297	5 ½"	17"	16"	FSFS16	300324	16 ¾"	28"
6"	FSFS6	300298	6 ¾"	17"	17"	FSFS17	300483	17 ¾"	30"
7"	FSFS7	300299	7 ¾"	19"	18"	FSFS18	303981	18 ¾"	30"
8"	FSFS8	300300	8 ¾"	19"	19"	FSFS19	300982	19 ¾"	32"
9"	FSFS9	300301	9 ¾"	22"	20"	FSFS20	303983	20 ¾"	32"
10"	FSFS10	300302	10 ¾"	22"	21"	FSFS21	3009848	21 ¾"	34"
11"	FSFS11	300480	11 ¾"	24"	22"	FSFS22	303985	22 ¾"	34"
12"	FSFS12	300322	12 ¾"	24"	23"	FSFS23	300986	23 ¾"	36"
13"	FSFS13	300481	13 ¾"	26"	24"	FSFS24	303988	24 ¾"	36"
14"	FSFS14	300323	14 ¾"	26"					

### Wall Bracket



Use to support vent pipe or tee sections. Provides proper clearance to combustibles. When installing FasNSeal W2 with this component use 1" larger diameter, (e.g. 10" vent system, use 11" size).

SIZE	ORDER #	STOCK #	A	B	SIZE	ORDER #	STOCK #	A	B
4"	FSWB4	300431	4"	4"	11"	FSWB11	300492	11"	7 ½"
5"	FSWB5	300432	5"	4 ½"	12"	FSWB12	300438	12"	8"
6"	FSWB6	300433	6"	5"	13"	FSWB13	300493	13"	8 ½"
7"	FSWB7	300434	7"	5 ½"	14"	FSWB14	300439	14"	9"
8"	FSWB8	300435	8"	6"	15"	FSWB15	300494	15"	9 ½"
9"	FSWB9	300436	9"	6 ½"	16"	FSWB16	300440	16"	10"
10"	FSWB10	300437	10"	7"	17"	FSWB17	300495	17"	10 ½"

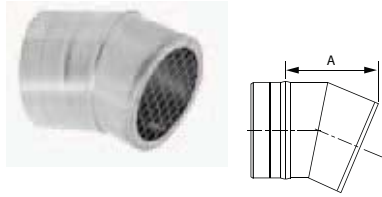
### Bird Screen



Use for 3" and 4" standard through-the-wall terminations. Check installation instructions for restrictions on horizontal terminations, such as minimum distance from windows and doors.

SIZE	ORDER #	STOCK #	A
3"	FSBS3	300186	2"
4"	FSBS4	300187	2"

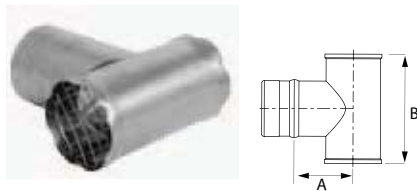
### 23° Bird Screen



Use for 5" to 16" through-the-wall termination. Deters rain and other elements from entering the vent system. Check installation instructions for restrictions on horizontal terminations, such as minimum distance from windows and doors.

SIZE	ORDER #	STOCK #	A
5"	FSBS5	300188	4 4/8"
6"	FSBS6	300189	5 3/8"
7"	FSBS7	300190	6 2/8"
8"	FSBS8	300191	7 1/10"
9"	FSBS9	300192	7 9/10"
10"	FSBS10	300193	8 7/10"
12"	FSBS12	300194	10 1/8"
14"	FSBS14	300195	11 7/10"
16"	FSBS16	300196	13 1/8"

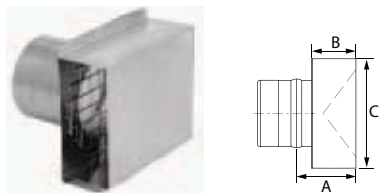
### Termination Tee



Use for standard and high-wind through-the-wall terminations. Check installation instructions for restrictions on horizontal terminations, such as minimum distance from windows and doors.

SIZE	ORDER #	STOCK #	A	B
3"	FSTT3	300311	3"	6"
4"	FSTT4	300312	3 1/2"	7"
5"	FSTT5	300313	4"	8"
6"	FSTT6	300314	4 1/2"	9"

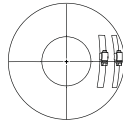
### Termination Box



Use for horizontal through-the-wall terminations. Check installation instructions for restrictions on horizontal terminations, such as minimum distance from windows and doors.

SIZE	ORDER #	STOCK #	A	B	C
3"	FSTB3	300500	2 3/10"	2"	5"
4"	FSTB4	300501	2 3/10"	2"	6"

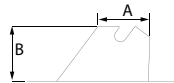
### Storm Collar



Use to create a weather tight seal between the pipe and flashing. When installing FasNSeal W2 with this component use 1" larger diameter, (e.g. 10" vent system, use 11" size).

SIZE	ORDER #	STOCK #	SIZE	ORDER #	STOCK #
4"	FSC4	300945	13"	FSC13	300971
5"	FSC5	300946	15"	FSC15	300486
6"	FSC6	300947	17"	FSC17	300973
7"	FSC7	300948	19"	FSC19	303992
8"	FSC8	300949	21"	FSC21	303994
9"	FSC9	300950	23"	FSC23	303996
10"	FSC10	300952	25"	FSC25	303998
11"	FSC11	300970			

### Variable Pitch Roof Flashing



Use to create a weather-tight penetration where the vent pipe passes through the roof. Storm Collar required. When ordering Flashings for FasNSeal W2 product the flashing diameter and vent diameter are the same. ie. W2-3610 requires a FSVPF10. Accommodates flat to 9/12 roof pitch.

SIZE	ORDER #	STOCK #	A	B	SIZE	ORDER #	STOCK #	A	B
4"	FSVPF4	300923	6"	7"	12"	FSVPF12	300930	14"	7"
5"	FSVPF5	300924	7"	7"	14"	FSVPF14	300931	16"	7"
6"	FSVPF6	300925	8"	7"	16"	FSVPF16	300932	18"	7"
7"	FSVPF7	300926	9"	7"	18"	FSVPF18	300987	20"	28 1/2"
8"	FSVPF8	300927	10"	7"	20"	FSVPF20	300984	22"	29 1/2"
9"	FSVPF9	300928	11"	7"	22"	FSVPF22	300985	24"	30 1/2"
10"	FSVPF10	300929	12"	7"	24"	FSVPF24	300986	26"	31 1/2"

## Appliances and Adapters

Manufacturer	Model	Appliance Adapter	Termination Adapter
Aerco International	Benchmark 2.0 GWS, 3.0 LN	FSA-AE8	
	KC-1000	FSA-AE6	
	Modulex Series	Standard Vent Pipe 4", 6"	
Ajax	Atlas GS Series	FSA-HFA6, 8	
A.O. Smith	Burkay Genesis Series	FSA-HFA4 a, 5 a	
	Legend 2000 Series	FSA-HFA6 a, 7 a	
	ProStar Series	FSAAU4	
	GB/GW 400, 500	300827	FSAAU6
	GB/GW 1000	300831	FSAAU10
	GB/GW 1300, 1500	300832	FSAAU12
	GB/GW 1850, 2100	300833	FSAAU14
	GB/GW 2500	300834	FSAAU16
	GB/GW 300	300831	FSAAU10
	GB/GW 650, 750	300829	FSAAU8
	ATI 705-N	300825	FSAAU4
	Cyclone BTH-150	300405	FSA-PVC3
	VW-750	300460	FSA-HFA6
	Aerco	Benchmark 1.5	300421
Atlas	300	300382	
Beacon/Morris	BRU Series	FSAAU4	
	BTU Series	FSAAU4, 5, 6	
Bosch	Aquastar 125 FX	FSA-LMGD4 a	
	Aquastar GHW-635-ES	Standard Vent Pipe 3"	
	Aquastar 250SX	Standard Vent Pipe 3"	
	Aquastar 240FX	FSAAU4	
	AquaStar 2400ES	300824	FSAAU3
	AquaStar 2700ES	300825	FSAAU4
Bradford-White	EF Series	FSA-PVC3	
Buderus	G115 Series	FSAAU4 or FSAAU5	
	G124X Series	FSAAU5, 6	
	GA124 Series	FSAAU3	
	GA244/37, 44, 53	FSAAU3	
	GA244/62	FSAAU4	
	GB142 Series	FSAAU3	
	GB312/90 to GB312/160	FSA-158-6F	
	GB312/200 to GB312/280	FSA-197-8F	
	SB615 Series	FSA-SB7, 8, 10, 12	
	SB735 Series	FSA-SB14	
	Burnham	Independence PV	FSA-HFB3 b
Minute Man II		FSA-HFB3 b	FSA-PV3

Burnham	Revolution	FSA-HFB3 b	FSA-PV3
	Revolution II	FSA-HFB3 b	FSA-PV3
	Series 2PV	FSA-HFB3 b	FSA-PV3
	Spirit	FSA-HFB3 b	FSA-PV3
	PVG/SCG Series	FSA-HFB3 b, 4 b	
	V11 Series	FSAAU8, 10, 12, 14, 16	
Camus Boiler	MicoFlame Series I	FSAAU3, 4, 5, 6	
	MicoFlame Series II	FSAAU8, 10, 12	
	MicoFlame Grande Series	FSAAU12, 14	
	DynaFlame Series	FSAAU6, 8, 10, 12, 14	
Carel	Humidifier UG 180	FSAAU5	
Cleaver Brooks	MCF Series	FSA-MCF6, 8, 10, 12	
	FLX Series	FSA-FLX10, 12, 16	
	CFC 1000	300829	FSAAU8
	CFC 1500	300831	FSAAU10
	CFC 500	300827	FSAAU6
Columbia	Patriot Series-Direct Vent	FSA-UTC4	
Crown Boiler Co.	Bali BWF-061, 095, 128, 162	Standard Vent Pipe 3" a	FSA-M3 a
	Bali BWF-195, 229	Standard Vent Pipe 4" a	FSA-M4 a
	Bimini BWC150, 225	Standard Vent Pipe 3" a, 4" a	FSA-M3, 4 a
	Cabo CSC-050 thru 150	Standard Vent Pipe 3" a	FSA-M3 a
	BWC 399		std. vent pipe
	Cabo CSC-175, 200	Standard Vent Pipe 3" a, 4" a	FSA-M3, 4 a
	Cabo II CWD060-245	FSA-HFA3, 4	
Dunkirk	XEB-2 thru XEB-5	FSAMETEK3	FSA-M3 a
	XEB-6 thru XEB-7	FSAMETEK3	Standard Vent Pipe 3"
De Dietrich	GT334A, GT335A, GT336A	FSAAU7	
	GT337A, GT338A, GT339A	FSAAU8	
	GT430-8A to GT430-10A	FSAAU10	
	GT430-11A to GT430-14A	FSAAU12	
	Series 334,335, 336	300828	FSAAU7
	Series 337,338, 339	300829	FSAAU8
	Series 430-11, -12, -13,-14	300832	FSAAU12
	Series 430-8, -9, -10	300831	FSAAU10
	Series 310-5,-6, -7, -8, -9	300831	FSAAU10
	C-230 ECO <b>*updated*</b>	303764	FSA-149-6F
C-130 ECO	303235	FSA-250-10F	
Fulton Boiler Works	PulsePak PHW Series	FSA04T2.5, FSA06T2.5	
	Vantage VTG3000	FSAAU12	
	PHW 2000	300881	FSA-06T2.5

## Appliances and Adapters

Manufacturer	Model	Appliance Adapter	Termination Adapter	
Fulton Boiler Works	PHW 1400	300880	FSA-04T2.5	
	Vantage VTG 4000	300833	FSAAU14	
GasMaster	GMI Series	FSAAU4, 6, 8, 12		
Hydrotherm	HI Series	FSAAU4	Standard Vent Pipe 4"	
	ID Series	FSAAU4	Standard Vent Pipe 4"	
	IHS Series	FSAAU4		
	KN-6	FSA-HFA5 <b>'updated'</b>		
	KN-10 600, 1000, 2000	FSA-HFA4 a, 6 a, 8 a		
	KN-20	FSA-HFA8 <b>'updated'</b>		
	Sabre FX Series	FSA-ELB3, 4		
	KN-4	300422	FSA-HFA4	
	KN-2	300357	FSA-HFA3	
	Jandy	Hi-E2 model 350	300825	FSAAU4
		Hi-E2 model 220	300824	FSAAU3
Laars	Endurance EBP	FSA-B3 a		
	Endurance EDP	FSA-B3 a		
	Mascot	FSA-80MM3		
	Mini Combo id Series	FSAAU4		
	Mini Therm JVi	FSA-LMGD4 a		
	Pennant Series	FSAAU6, 8, 10, 12		
	Rheos 1200 - 2400	FSAAU6, 7, 10 a		
	Rheos Plus 1200 - 2400	FSAAU6, 7, 10 a		
	Summit 200, 250	FSA-PVC3		
	NeoTherm 500		std. 4" vent pipe	
Lennox	CMWB 2, 3, 4, 5, 6, 7	Standard Vent Pipe		
	CXE 2, 3, 4, 5, 6, 7	Standard Vent Pipe		
Lochinvar	Copper Fin CBN	FSAAU6, 8, 10, 12, 14		
	Copper Fin II CHN	FSAAU6, 8, 10, 12, 14		
	Efficiency+ EBN 100	FSA-PSC/DE3 a		
	Efficiency+ EBN 150, 200	FSAAU4		
	Efficiency+ EBN 250, 300	FSAAU5		
	Knight	FSA-PVC3, 4		
	Kight XL 399 thru 600	FSA-4PVC-4FNS		
	Kight XL 700 thru 800	FSA-6M-6PVC ELB		
	Intelli-Fin IBN 1500 thru 2000	FSA-200mm8/FSA-175mm7/		
		FSA150mm6		
	Power-Fin PBN 501 thru 2000	FSAAU7, 8, 9, 10, 12		

Lochinvar	Power-Fin PFN 501 thru 2000	FSAAU7, 8, 9, 10, 12	
	SYNC SBN 1000, 1300, 1500		std. 6" vent pipe
	Efficiency EWN 300	300827	FSAAU6
Modine	BDP	Standard Vent Pipe 3" a d	FSA-M3 a
	Model HDS30, 45, 60, 75	FSAAU3, 4	FSA-M3, 4 a
	PDP	Standard Vent Pipe 3" a d	FSA-M3 a
Navien	CC240, CC240A	300535	FSA-PVC4
New Yorker	PVCG Series	FSA-HFB3 b	FSA-NYV3 a
Nordyne	FG6RA Series	FSAAU3, 4, 5	
	FG6RC-045	FSA-PVC3 a	
Nortec	GS Series 100 thru 600	FSAAU3, 4, 5, 6	
	GH Series 100 thru 400	FSAAU3, 4	
Noritz	N-0531S	FSAAN03	
	N-0631S	FSAAU4	
	N-0751M	FSAAU4	
	N-0751M-DV	FSAAU4	
	N-0931M	FSAAU4	
	N-0931M-DV	FSAAU4	fsa-nsc4
	N-0931M ASME	FSAAU4	
	N-0931M-DV ASME	FSAAU4	fsa-nsc4
	N-1321M	FSAAU5	
	NH-1501-DV ASME	FSAAU4	FSA-NSC4
	NH-2001-DV ASME	FSAAU4	
	N 0531S	300565	FSA-APD3
	NR66	303240	FSAAN03
NR98	400077	DV-77MM03	
Paloma	PH28RIFSN/P	FSAAU4	
	PH28CIFSN/P	FSAAU4	
	PH20RIFSN/P	FSA-RI-4.2	
	PTG42PVN/P	FSA-RI-4.2	
	PTG-74 PVN	300825	FSAAU4
Patterson-Kelley	P-K Thermific Series	FSAAU10, 12	
	P-K Modu-Fire Series (except FD)	W2-AA10, 12	
	P-K Modu-Fire FD	FSAAU6, 8	
	P-K MACH c-300, 450, 900, 1050	FSA-PK4, 5, 8	
	P-K MACH c-750	FSA-PKT6 or Standard Vent Pipe 6"	
	C1500 & C2000	FSA-250-10F	
	C1500, C2000		std. 10" vent pipe

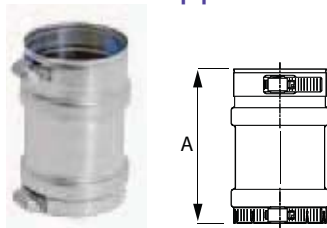
## Appliances and Adapters

Manufacturer	Model	Appliance Adapter	Termination Adapter
Pentair	MiniMax NT, MasterTemp		std. 4" avl w/ RTV & stepped increaser
Peerless	DE Series	FSA-PSC/DE3 a	
	PDE Series	FSA-PDE3 a	
	PSC Series	FSA-PSC/DE3 a	
	PSC II Series	FSA-HFA3	
Penanco	FSB Series	FSAMETEK3	
Pentair	MiniMax NT	TBA	
PVI	Power VT Series	FSA-HFA4 a	
Quietside	QVM8 Series	FSAAU3	FSA-PV3
	DPW 199	300535	FSA-PVC4
	DPW 120A	300405	FSA-PVC3
Raypak	Advanced Design Boiler ADB-500	FSAAU6	
	Advanced Design Boiler		
	ADB-750 thru 1501	FSAAU8, 10, 12	
	Hi Delta 122 thru 2342	FSAAU4, 5, 6, 8, 12, 14, 16	
	MVB 1003	300827	FSAAU6
	MVB 2003, 1753, 1503, 1253	300829	FSAAU8
	X-Therm WH-1505, 2005	300829	FSAAU8
	X-Therm WH-1005	300827	FSAAU6
	Pool heater CR-406A	300830	FSAAU9
	Pool heater CR-336A	300829	FSAAU8
	Pool heater CR-266A	300828	FSAAU7
	Pool heater CR-206A	300827	FSAAU6
	RBI	Fusion Series	FSA-HFAX <b>*updated*</b>
Futera II Series		FSA-HFAX <b>*updated*</b>	
Futera III Series		FSA-HFAX <b>*updated*</b>	
Dominator Series		FSA-HFAX <b>*updated*</b>	
LCD Dominator Series		FSA-HFAX <b>*updated*</b>	
Rheem/Ruud	RTG-42PVN (Pronto 4.2)	FSA-RI-4.2	
	RTG-74 (Pronto 7.4)	FSAAU4	
Slantfin	Caravan Series	FSA-HFA3 a	
	Concept 21 Series	FSA-HFA3 a	FSA-NYV3 a
Slantfin	Prodigy 21	FSA-HFA3 a	
	Victory VSPH Series	FSA-HFA3 a	
	Victory II Series	FSA-HFA3 a	
Smith Cast Iron	GV100 Series	FSA-SMITH4	
	Lexington GS110 Series	FSA-ELB3, 4	
	State Water Heater	Aurora GAX194	14-15

- a = High-temperature RTV silicone sealant is required.
- b = Can also be vented with FSAVL3 (3") or FSAVL4 (4").
- c = Additional Muffler adapters required.
- d = Can use FSAAU in place of Standard Vent Length with silicone.

Smith Cast Iron	GT 200	300824	FSAAU3
StayRite	Pool Heater	300354	FSA-STARITE-4
Takagi	T-H1	FSAAU4	FSA-TTA4
	T-K1	FSAAU4	FSA-TTA4
	T-K2	FSAAU4	FSA-TTA4
	T-K3	FSAAU4	FSA-TTA4
	T-K1S	FSAAU4	FSA-TTA4
	T-K Jr.	FSAAU4	FSA-TTA4
	T-KD20	FSAAU4	FSA-TTA4
	T-M1	FSAAU4	FSA-TTA4
	T-M50	FSAAU5	FSA-TTA4
	Solaris	FSA-TS6	
Thermo-Dynamics	LMGD Series	FSA-LMGD4 a	FSA-LMGDTERM4 a
	CWL-GS Series	TBA	
Thermal Solutions	Evolution Series	FSA-HFA3 a, 4 a, 6 a, 8 a	
Triangle Tube	Delta Performance	FSA-TR3	
	Delta Performance Plus	FSA-TR3	
	Solo 250	300611	FSA-ULT3
	Solo 399	300566	FSA-ULT4
Utica	USC Series	Standard Vent Pipe a d	
	DV-B Series	Standard Vent Pipe a d	
Vapac	GF Series	FSA-GF3	
Viessmann	Vitocrossal 300 CT-3 Series	FSAAU8, 10, 12	
	Vitogas 50 ECV Series	Standard Vent Pipe 3" a	FSA-M3 a
	Vitogas 100 GS10 Series	FSAAU8, 9, 10	
	Vertomat VSB-37, 46, 57	TBA	
	Vitodens WB2 Series	FSA-V3, 4	
	WB 100	303763	FSA-80-3F
Wai Wela	PH-16IFSN/P	FSA-RI-4.2	
	PH-20-RIFS/N	FSA-RI-4.2	
	PH-28RIFSN/P	FSAAU4	
Weben Jarco	Vision 3000 Series	FSA-HFA6, 8, 10 a	
	E-Finity	TBA	
Weil McLain	GV ST	FSA-WEIL-GV3	
	CGi Series	FSA-WM-CG13	
	CGs Series	FSA-WM-CG13	
	CGt Series	FSA-WM-CG13	
	GV GOLD Series 3	FSA-WEIL-GVTEE3	
	GV GOLD Series 4	FSA-WEIL-GVTEE3	
Williamson Thermoflo	Ultra Series	FSA-ULT3, 4	
	GWI Series	FSA-WM-CG13	

### Universal Appliance Adapter



SIZE	ORDER #	STOCK #	A
3"	FSAAU3	300824	5 3/8"
4"	FSAAU4	300825	5 3/8"
5"	FSAAU5	300826	5 3/8"
6"	FSAAU6	300827	5 3/8"
7"	FSAAU7	300828	5 3/8"
8"	FSAAU8	300829	5 3/8"
9"	FSAAU9	300830	5 3/8"
10"	FSAAU10	300831	5 3/8"
12"	FSAAU12	300832	5 3/8"
14"	FSAAU14	300833	5 3/8"
16"	FSAAU16	300834	5 3/8"

### Universal Appliance Adapter w/Test Port



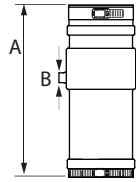
SIZE	ORDER #	STOCK #	A
3"	FSAAUTP3	303221	10 9/16"
4"	FSAAUTP4	303222	10 9/16"
5"	FSAAUTP5	303223	10 9/16"
6"	FSAAUTP6	303224	10 9/16"
7"	FSAAUTP7	303225	10 9/16"
8"	FSAAUTP8	303226	10 9/16"
9"	FSAAUTP9	303227	10 9/16"
10"	FSAAUTP10	303228	10 9/16"
12"	FSAAUTP12	303229	10 9/16"
14"	FSAAUTP14	303230	10 9/16"
16"	FSAAUTP16	303231	10 9/16"

### Universal Appliance Adapter w/Condensate Drain



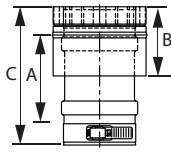
SIZE	ORDER #	STOCK #	A	B
4"	FSAAUD04	303237	7 7/16"	5/8"

### Universal Appliance Adapter w/Condensate Drain and Back Flow Preventer



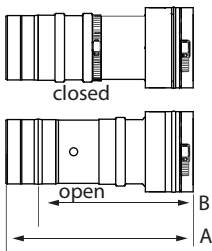
SIZE	ORDER #	STOCK #	A	B
4"	F5AAUCDBFP04	300703	11"	5/8"

### W2 Appliance Adapter



SIZE	ORDER #	STOCK #	A	B	C
3"	W2-AA3	100340	4 4/5"	3"	6"
4"	W2-AA4	100341	4 4/5"	3"	6"
5"	W2-AA5	100557	4 4/5"	3"	6"
6"	W2-AA6	100412	4 4/5"	3"	6"
7"	W2-AA7	100413	4 4/5"	3"	6"
8"	W2-AA8	100414	4 4/5"	3"	6"
9"	W2-AA9	100415	4 4/5"	3"	6"
10"	W2-AA10	100416	4 4/5"	3"	6"
12"	W2-AA12	100417	4 4/5"	3"	6"
14"	W2-AA14	100418	4 4/5"	3"	6"
16"	W2-AA16	100419	4 4/5"	3"	6"

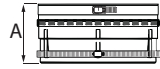
### W2 Appliance Adapter w/Test Port



SIZE	ORDER #	STOCK #	A	B
3"	W2-AATP03	100830	11 3/4"	9 3/4"
4"	W2-AATP04	100831	11 3/4"	9 3/4"
5"	W2-AATP05	100832	11 3/4"	9 3/4"
6"	W2-AATP06	100833	11 3/4"	9 3/4"
7"	W2-AATP07	100834	11 3/4"	9 3/4"
8"	W2-AATP08	100835	11 3/4"	9 3/4"
9"	W2-AATP09	100836	11 3/4"	9 3/4"
10"	W2-AATP10	100837	11 3/4"	9 3/4"
12"	W2-AATP12	100838	11 3/4"	9 3/4"
14"	W2-AATP14	100839	11 3/4"	9 3/4"
16"	W2-AATP16	100840	11 3/4"	9 3/4"

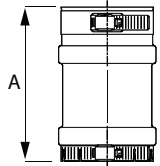


### Metric Male Appliance Adapters



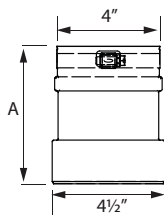
SIZE	ORDER #	STOCK #	A
152 mm	FSA-152-6F	303764	6"
158 mm	FSA-158-6F	303765	6 4/8"
197 mm	FSA-197-8F	303766	6 4/8"
250 mm	FSA-250-10F	303235	5"

### De Dietrich GT Series Appliance Adapter



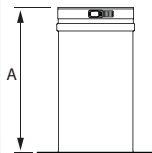
SIZE	ORDER #	STOCK #	A
7"	FSAAU7	300828	5 3/8"
8"	FSAAU8	300829	5 3/8"
10"	FSAAU10	300831	5 3/8"
12"	FSAAU12	300832	5 3/8"

### 4" PVC to 4" FasNSeal Appliance Adapter



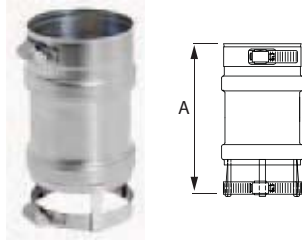
SIZE	ORDER #	STOCK #	A
4"	FSA-4PVC-4FNS	303759	5 1/2"

### Aerco International Appliance Adapter



SIZE	ORDER #	STOCK #	A
6"	FSA-AE6	300421	11 4/8"
8"	FSA-AE8	300451	11 4/8"

### Laars Endurance Series Appliance Adapter



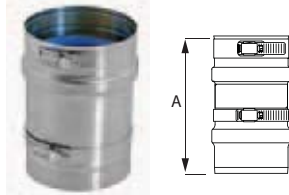
SIZE	ORDER #	STOCK #	A
3"	FSA-B3	300342	4 4/5"
4"	FSA-B4	300343	4 4/5"

### Elbow Appliance Adapter



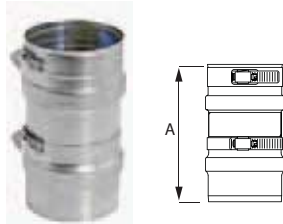
SIZE	ORDER #	STOCK #	A
3"	FSA-ELB3	300597	6 1/2"
4"	FSA-ELB4	300598	6 1/2"

### Fulton Boiler Appliance Adapter



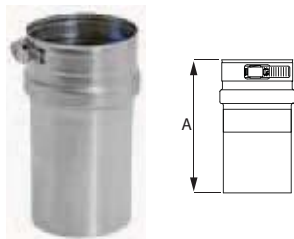
SIZE	ORDER #	STOCK #	A
4"	FSA-F4	300388	4 9/10"
6"	FSA-F6	300563	4 9/10"

### Heatfab-to-FasNSeal Appliance Adapter



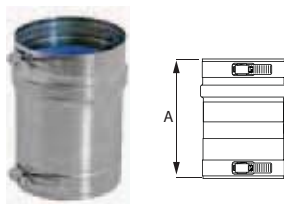
SIZE	ORDER #	STOCK #	A
3"	FSA-HFA3	300357	6"
4"	FSA-HFA4	300422	6"
5"	FSA-HFA5	300511	6"
6"	FSA-HFA6	300460	6"
7"	FSA-HFA7	300474	6"
8"	FSA-HFA8	300641	6"
9"	FSA-HFA9	300643	6"
10"	FSA-HFA10	300348	6"

### Burnham & New Yorker Appliance Adapter



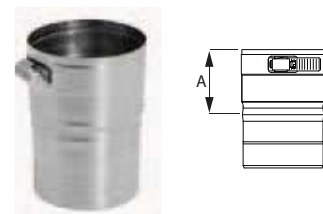
SIZE	ORDER #	STOCK #	A
3"	FSA-HFB3	300567	6"
4"	FSA-HFB4	303298	6"

### Bosch, Thermo-Dynamics & Laars Appliance Adapter



SIZE	ORDER #	STOCK #	A
4"	FSA-LMGD4	300423	6"

### Crown, Dunkirk & Modine Termination Appliance Adapter



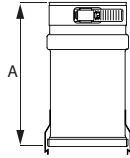
SIZE	ORDER #	STOCK #	A
3"	FSA-M3	300444	2 1/2"
4"	FSA-M4	300463	2 1/2"

### Cleaver Brooks MCF Series Appliance Adapter



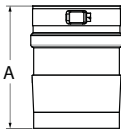
SIZE	ORDER #	STOCK #	A
6"	FSA-MCF6	301001	6"
8"	FSA-MCF8	301008	6"
10"	FSA-MCF10	301005	6"
12"	FSA-MCF12	301006	6"

Dunkirk XEB Series & Pennco  
FSB Series Appliance Adapter



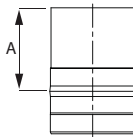
SIZE	ORDER #	STOCK #	A
3"	FSAMETEK3	300359	6"

Fulton Tapered Appliance  
Adapter



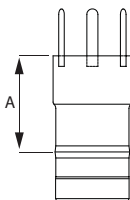
SIZE	ORDER #	STOCK #	A
4"	FSA04T2.5	300880	5 3/4"
6"	FSA06T2.5	300881	5 3/4"

Noritz NOM-DV Series  
Termination Appliance Adapter



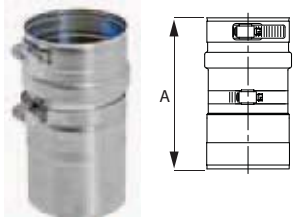
SIZE	ORDER #	STOCK #	A
4"	FSA-NSC4	300445	4"

Slantfin Concept & New Yorker  
PVC Series Termination  
Appliance Adapter



SIZE	ORDER #	STOCK #	A
3"	FSA-NYV3	300345	4"

### Peerless PDE Model Appliance Adapter



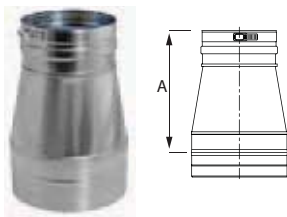
SIZE	ORDER #	STOCK #	A
6"	FSA-PDE3	300406	6"

### Patterson Kelly Mach Series Appliance Adapter



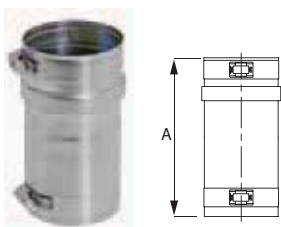
SIZE	ORDER #	STOCK #	A
4"	FSA-PK4	300509	8 3/4"
5"	FSA-PK5	300510	4 7/8"
8"	FSA-PK8	300462	5 7/8"

### Tapered Patterson Kelly Mach Series Appliance Adapter



SIZE	ORDER #	STOCK #	A
6"	FSA-PKT6	300461	8"

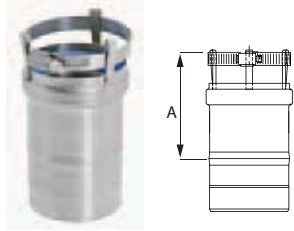
### Peerless & Lochinvar Appliance Adapter



SIZE	ORDER #	STOCK #	A
3"	FSA-PSC/DE3	300407	6"

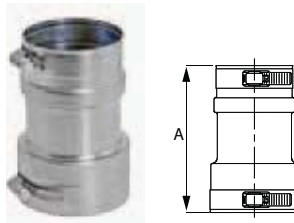
### Burnham & Quietside Termination Appliance Adapter

SIZE	ORDER #	STOCK #	A
3"	FSA-PV3	300346	3"



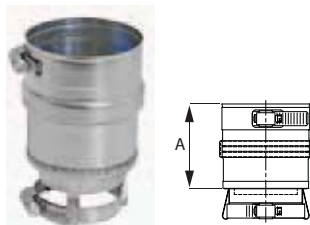
### PVC to FasNSeal Appliance Adapter

SIZE	ORDER #	STOCK #	A
3"	FSA-PVC3	300405	5 1/2"
4"	FSA-PVC4	300535	5 1/2"



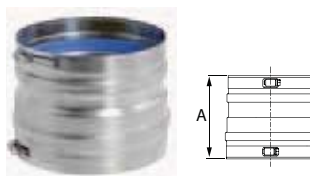
### Rheem/Ruud RTG & Paloma PTG/PH Series Appliance Adapter

SIZE	ORDER #	STOCK #	A
3"	FSA-RI	300534	3"

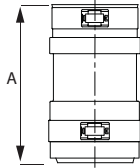


### Buderus SB Series Appliance Adapter

SIZE	ORDER #	STOCK #	A
7"	FSA-SB7	300835	6"
8"	FSA-SB8	300836	6"
10"	FSA-SB10	300837	6"
12"	FSA-SB12	300838	6"
14"	FSA-SB14	300867	6"

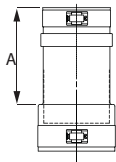


### Smith GV-100 Appliance Adapter



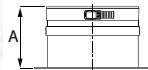
SIZE	ORDER #	STOCK #	A
4"	FSA-SMITH4	300344	18"

### Triangle Delta Series Appliance Adapter



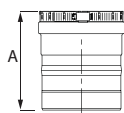
SIZE	ORDER #	STOCK #	A
3"	FSA-TR3	300408	4"

### Thermal Solutions Appliance Adapter



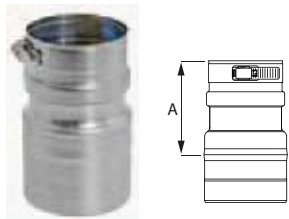
SIZE	ORDER #	STOCK #	A
6"	FSA-TS6	300394	4 1/16"

### Takagi TK-TV Series Termination Appliance Adapter



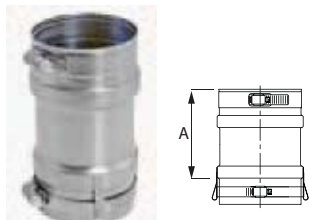
SIZE	ORDER #	STOCK #	A
4"	FSA-TTA4	300647	3"

### Weil McLain Ultra Series Appliance Adapter



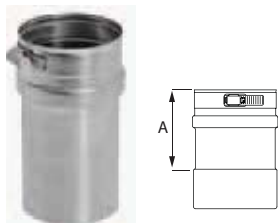
SIZE	ORDER #	STOCK #	A
3"	FSA-ULT3	300566	3 3/8"
4"	FSA-ULT4	300611	3 3/8"

### Columbia LVGD Series Appliance Adapter



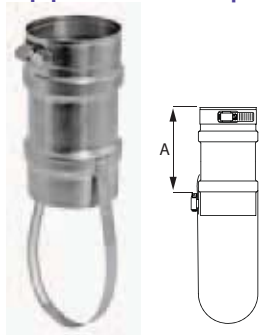
SIZE	ORDER #	STOCK #	A
3"	FSA-UTC3	300410	4 1/2"
4"	FSA-UTC4	300411	4 1/2"

### Viessmann Vitoden Series Appliance Adapter



SIZE	ORDER #	STOCK #	A
3"	FSA-V3	300568	3"
4"	FSA-V4	300569	3"

### Weil McLain GV Model Appliance Adapter

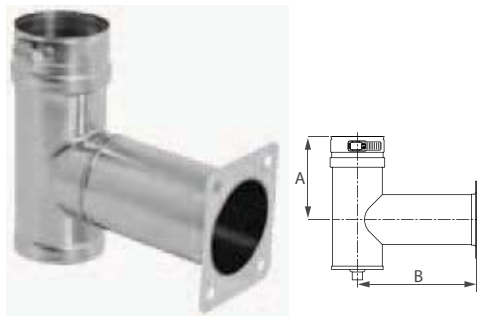


SIZE	ORDER #	STOCK #	A
3"	FSA-WEIL-GV3	300355	4 1/2"



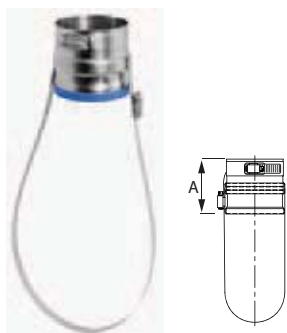
### Weil McLain Tee Appliance Adapter

SIZE	ORDER #	STOCK #	A	B
3"	FSA-WEIL-GVTEE3	300358	5"	7 3/16"



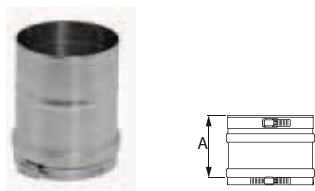
### Weil McLain CG Series & Williamson Thermoflow GWI Series Appliance Adapter

SIZE	ORDER #	STOCK #	A
3"	FSA-WM-CG3	300349	3"



### Fulton Muffler Inlet Muffler

SIZE	ORDER #	STOCK #	A
4"	FSAAM4	300851	5 9/16"
6"	FSAAM6	300853	5 9/16"



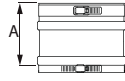
### Female-to-Male Jeremias Muffler

SIZE	ORDER #	STOCK #	A
7"	FSA-JMI7	300979	5 4/5"



## Male-to-Female Jeremias Muffler

SIZE	ORDER #	STOCK #	A
7"	FSA-JM07	300980	5 4/5"



Combustion Air Wall Thimble	12
Combustion Air Ceiling Support w/Collar	12
Combustion Air Stovepipe	12
Combustion Air Adjustable Stovepipe <b>*updated stock #'s*</b>	<b>13</b>
Combustion Air 45° Elbow	13
Combustion Air 90° Elbow <b>*updated part*</b>	<b>13</b>
Combustion Air Tee	14
Combustion Air Stove Top Kit	14
Combustion Air Wall Thimble Kit	16
Combustion Air Adjustable Wall Channel	16
Adjustable Pipe	25
Elbow Kit	25
Elbow Strap	25
Square Ceiling Support Box	26
Reduced Clearance	26
Square Ceiling Support Box	26
Combustion Air	27
Square Ceiling Support Box	27
Round Ceiling Support Box	27
Trim Collar For	27
Flat Ceiling Support Box	28
Roof Support	28
Wall Thimble	29
Combustion Air	29
Wall Thimble	29
Tee w/Cap <b>*updated dimensions*</b>	<b>29</b>
Adjustable Tee	30
Support Bracket	30
Adjustable Wall Strap	30
Finishing Collar	30
Finishing Collar w/Adapter <b>*updated part*</b>	<b>31</b>
Anchor Plate	31
Transition Anchor Plate	31
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Attic Insulation Shield	32
Roof Radiation Shield	32
Chase Top Flashing	32
Extended Roof Bracket	32
DSA Roof Flashings	33

Roof Flashing	33
Storm Collar	34
Chimney Cap	34
Spark Arrestor	34
Locking Band	34
Chase Air Intake w/ Rodent Guard	35
Snow Splitter	35
Chimney Pipe	36
15° Elbow	36
30° Elbow	37
Elbow Strap	37
Round Ceiling Support Box	37
Trim Collar For	38
Round Support Box	38
Wall Thimble	38
Tee w/ Cap <b>*updated description*</b>	<b>38</b>
Tee Support Bracket	39
Wall Strap	39
Finishing Collar	39
Anchor Plate <b>*updated drawing &amp; dimensions*</b>	<b>39</b>
Anchor Plate w/Damper	40
Firestop Radiation Shield	40
Attic Insulation Shield	40
Roof Radiation Shield	41
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Economy Chimney Cap	42
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European Copper Adapter - Bishop Model	43
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Manufactured Home Kit	50
Through-The-Wall Kit <b>*updated photo*</b>	<b>50</b>
Chimney Pipe	51
Elbow Kit	52
Elbow Strap	52
Round Ceiling Support	52
Square Ceiling Support Box	53
Flat Ceiling Support Box	53
Wall Thimble	53

Tee w/ Cap	54
Tee Support Bracket	54
Adjustable Wall Strap <b>*updated description*</b>	<b>54</b>
Wall Strap <b>*updated description*</b>	<b>55</b>
Base Plate	55
Transition Anchor Plate	55
Starter Section	56
Firestop Radiation Shield	56
Attic Insulation Shield	56
Close Clearance Shield	56
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DSA Roof Flashings	57
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Extended Roof Bracket	58
Chase Air Intake w/ Rodent Guard	58
Snow Splitter	58
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DuraPlus HTC Through-The-Wall Kit	64
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Elbow Kit	66
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Reduced Clearance Square Ceiling Support Box	67
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Wall Thimble	69
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Tee Support Bracket	69
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Transition Anchor Plate	70
Adjustable Wall Strap	70
Firestop Radiation Shield	70
Attic Insulation Shield	71
Roof Radiation Shield	71
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DSA Roof Flashings <b>*updated stock#s*</b>	<b>72</b>	DuraBlack Slip Connector w/Trim <b>*updated description*</b>	<b>92</b>	Increaser Tee w/Clean-Out Tee Cap	109
Extended Roof Bracket	72	DuraBlack Telescoping Length	93	Adapter Tee w/Clean-Out Tee Cap	109
Storm Collar	72	Snap-Lock Adapter	93	Increaser Adapter Tee w/Clean-Out Tee Cap	109
Chimney Cap	72	Snap-Lock Adapter w/Trim <b>*updated description*</b>	<b>93</b>	Double Tee w/ Clean-Out Tee Cap	110
Chase Air Intake w/	73	DuraBlack Slip Increaser	94	Clean-Out Tee Cap	110
Snow Splitter	73	DuraBlack Single-Wall Black Pipe	94	Wall Thimble	110
Chimney Pipe	80	DuraBlack Increaser	94	Combustion Air Wall Thimble Kit	110
15° Elbow	80	DuraBlack Tee w/ Clean-Out Cap	94	Wall Thimble Air Intake Kit	111
30° Elbow	80	DuraBlack 45° Elbow <b>*updated part*</b>	<b>95</b>	Ceiling Support Firestop Spacer	111
Elbow Strap	81	DuraBlack 90° Elbow <b>*updated part*</b>	<b>95</b>	Ceiling Support Firestop Spacer - 3" Clearance	111
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Firestop	82	DuraBlack Telescoping Length	97	Attic Insulation Shield	113
Attic Insulation Shield	82	DuraBlack Single-Wall Black Pipe	97	Adjustable Roof Flashing	113
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European Copper Adapter - Bishop Model	84	PelletVent Pro Vertical Kit - Cathedral	104	Ceiling Support/ Wall Thimble Cover	115
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DVL/DuraBlack Chimney Adapter	88	Pipe Extension	106	Chimney Adapter	115
Chimney Adapter w/Trim <b>*updated drawing &amp; description*</b>	<b>88</b>	BioFlex Pipe	106	Snow Splitter	116
DVL Double-Wall Black Pipe	89	Flex Pipe	106	30° Stove Connectors	122
DVL Double-Wall Adjustable Black Pipe	89	Flex Trim Collar	107	Flat Stove Connector	122
DVL Telescoping Length	89	Female Flex Adapter	107	15° Stainless Steel	122
DVL Double-Wall Black 45° Elbow <b>*updated part*</b>	<b>90</b>	Male Flex Adapter	107	Elbow Adapter	122
DVL Double-Wall Black 90° Elbow <b>*updated part*</b>	<b>90</b>	Appliance Adapter	107	30° Stainless Steel Elbow - 5"	122
DVL Double-Wall Black Tee w/ Clean-out Cap	90	Appliance Adapter/Increaser	108	30° Stainless Steel Elbow	123
DVL Oval-To-Round Adapter	91	45° Elbow	108	45° Stainless Steel Elbow - 5"	123
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				Oval Tee and Round Branch w/ Cap	124

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# Terms & Condition of Sale

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1. **PRICES:** All prices and designs are subject to change without notice.
2. **CREDIT:** All sales are subject to credit approval.
3. **SALES TAX:** All sales are taxable unless buyer provides valid resale documentation prior to shipment. Buyer is responsible for all sales and use taxes.
4. **BROKEN CARTON CHARGES:** Broken carton orders are subject to broken carton charges.
5. **PALLET CHARGES:** All palletized, stretch-wrapped orders are an additional \$5 per pallet.
6. **UPS:** All UPS orders are subject to \$10 handling charge.
7. **TERMS:** Unless otherwise specified, our payment terms are: net 30, F.O.B. shipping point.
8. **LATE CHARGES:** Delinquent accounts are subject to 1 ½% per month finance charge.
9. **MULTIPLE SHIPMENTS:** Orders may be fulfilled in separate shipments. Each shipment will be accompanied by a separate invoice and each invoice carries its own terms of payment.
10. **ALL SALES ARE FINAL:** All sales are final and product cannot be returned for credit.
11. **DELAYS:** DuraVent is not responsible for delays caused by our freight providers.
12. **REFUSAL OF DELIVERY:** Refused shipments, without cause, will result in additional charges, including freight, restocking and recartoning.
13. **SHORTAGES:** All claims for shortages and damages must be made within 48 hours.
14. **DAMAGE:** DuraVent is not responsible for freight damage. All claims for damage must be made on a timely basis directly to the freight provider. Any evidence of damage to the carton is cause for immediate inspection of the goods. Damaged goods must be retained by the customer until credit is approved. All claims for damages must be accompanied by proof (e.g. digital photo) and is subject to approval by DuraVent.
15. **DEFECTS:** All claims for manufacturing defects must be accompanied by proof (e.g. digital photo) and is subject to approval by DuraVent.
16. **INDEMNITY:** DuraVent does not permit modifications to products or changes to installation instructions. Customers modifying products or installation procedures shall, regardless of specific instructions to the user, indemnify, defend, and hold harmless DuraVent for any and all claimed losses or damages occasioned in whole or in part by special order or modified products and procedures.
17. **RESALE OVER THE INTERNET:** Resale of product over the internet is subject to the terms of our "Internet Sales Policy" and warranty. A copy of this policy can be obtained from Customer Service at 1-800-835-4429.



## DuraVent

M&G DuraVent, Inc. ("DuraVent") provides this limited lifetime warranty for all of its products to the original purchaser, with the exception of Ventinox (lifetime), DuraBlack (five years) and all Termination Caps (five years). Subject to the limitations set forth below, DuraVent warrants that its products will be free from substantial defects in material or manufacturing, if properly installed, maintained and used. This Warranty is non-transferable with the exception of Ventinox which is transferable from the original homeowner to the buyer of the home for a period of ten (10) years. This warranty does not cover normal wear and tear, smoke damage or damage caused by chimney fires, acts of God, or any product that was: (1) purchased other than from an authorized DuraVent dealer, retailer or distributor; (2) modified or altered; (3) improperly serviced, inspected or cleaned; or (4) subject to negligence or any use not in accordance with the printed materials provided with the product as determined by DuraVent. This limited lifetime warranty applies only to parts manufactured by DuraVent.

DuraVent provides the following warranties for its products: One Hundred Percent (100%) of the purchase price or MSRP at time of purchase, whichever is lower, for 15 years from the date of purchase, and Fifty Percent (50%) thereafter, except for the following limitations: Ventinox liner and components in wood, oil, wood pellet, and gas installations are warranted at One Hundred Percent (100%) for the lifetime of the original homeowner; Ventinox 316 liner and components for coal burning installations which are warranted One Hundred Percent (100%) for ten years; all Termination Caps and DuraBlack® are warranted at One Hundred Percent (100%) for five years, and at Ten Percent (10%) thereafter.

All warranty obligations of DuraVent shall be limited to repair or replacement of the defective product pursuant to the terms and conditions applicable to each product line. These remedies shall constitute DuraVent's sole obligation and sole remedy under this limited warranty. This warranty provides no cash surrender value. The terms and conditions of this limited lifetime warranty may not be modified, altered or waived by any action, inaction or representation, whether oral or in writing, except upon the express, written authority of an executive officer of DuraVent.

### Ventinox WARRANTY CONDITIONS

Liner and Component warranties contained herein are subject to the following conditions: (1) The Liner and Components must be installed according to DV's installation instructions; (2) The Liner and Components are used only to line or reline chimneys venting residential appliances for which the liner was intended; and (3) documented annual inspection of the Liner and Components and maintenance as deemed necessary, beginning one year after the date of installation and continuing throughout the warranty period, by a Nationally Certified Chimney Sweep or VENTINOX® installer. The Liner and Components warranty is further subject to compliance with the following requirements throughout the warranty period: The chimney must have a chimney cap and chemical chimney cleaners must not be used when cleaning the Liner or Components. Plastic-bristle flue cleaning brushes are recommended. Corn, biofuels, driftwood or other wood containing salt, preservative-treated lumber, plastic and household trash or garbage, or wood pellets containing such materials must not be burned in the appliance or fireplace. In case of a chimney fire, the chimney must be inspected and approved by a certified Chimney Sweep before reuse. After each annual inspection, maintenance, and cleaning, the certified Chimney Sweep must fill out and date the appropriate section of the warranty card provided with the chimney liner.

### LIMITATIONS ON INTERNET SALES:

Notwithstanding any other terms or conditions of this limited lifetime warranty, DuraVent provides no warranty for the following specific products if such products are both: (a) purchased from an Internet seller; and (b) not installed by a qualified professional installer: DuraTech®, DuraPlus HTC®, PelletVent Pro®, FasnSeal®, and DuraVent's relining products including DuraLiner®, DuraFlex® 304, DuraFlex® 316, DuraFlex® Pro, DuraFlex® SW, and Ventinox®. For purposes of this warranty, a trained professional installer is defined as one of the following: licensed contractors with prior chimney installation experience, CSIA Certified Chimney Sweeps, NFI Certified Specialists, or WETT Certified Professionals.

DuraVent reserves the right to inspect defective product to determine if it qualifies for replacement under the terms of this limited lifetime warranty. All warranty claims must be submitted with proof of purchase. Labor and installation costs are not covered under this warranty. To obtain warranty service contact DuraVent promptly at DuraVent Warranty Service, 902 Aldridge Rd., Vacaville CA 95688, or call 800-835-4429.

WHERE LAWFUL, DuraVent DISCLAIMS ALL OTHER WARRANTIES, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL DuraVent BE LIABLE FOR INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR SPECIAL DAMAGES OR DIRECT OR INDIRECT LOSS OF ANY KIND, INCLUDING BUT NOT LIMITED TO PROPERTY DAMAGE AND PERSONAL INJURY. DuraVent'S ENTIRE LIABILITY IS LIMITED TO THE PURCHASE PRICE OF THIS PRODUCT. SOME STATES DO NOT ALLOW LIMITATIONS ON IMPLIED WARRANTIES, OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATIONS AND EXCLUSIONS MAY NOT APPLY TO YOU. THIS LIMITED WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.

For the most up-to-date installation instructions, see [www.duravent.com](http://www.duravent.com)  
REV 10.20.2010

M&G DuraVent, Inc. PO Box 1510 Vacaville, CA 95696-1510  
Manufactured in Vacaville, CA and Albany, NY.



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