



# Z-VentBLU®

Dimensional Data



### **Z-VentBLU® Single Wall**

Eccentric Increaser	1
Horizontal Drain	1
Vertical Drain Tee with Cap	2
Drain Horizontal / Vertical	2
Pipe	3
Pipe Adjustable	3
Pipe with Test Port	4
Elbow 45°	4
Elbow 90°	5
Rain Cap Extreme Weather	5
Termination Tee	6
Termination Box	6
Termination Hood	7
Termination Screen	7
Angle Termination	7

### **Z-VENT®**

Flashing Flat	8
Flashing 0-30°	8
Flashing 30-45°	9
Storm Collar (Top Support)	9
Guy Band	10
(Wall) Trim Ring	10
Wall Thimble	11
Firestop	12
Firestop Support	12
Wall (Vent) Support	13

### **Z-VentBLU Concentric**

Pipe	14
Adjustable Pipe	14
Vertical/Horizontal Condensate Drain Pipe	14
45° Elbow	15
90° Elbow	15
Adapter	16
Tee	16
Lateral	17
Intake	17
Intake Horizontal	17

### **Z-VentBLU® Warranty**

18

### **NOTES:**

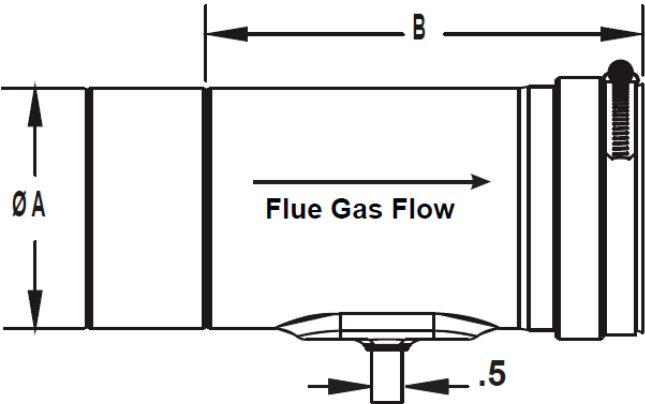
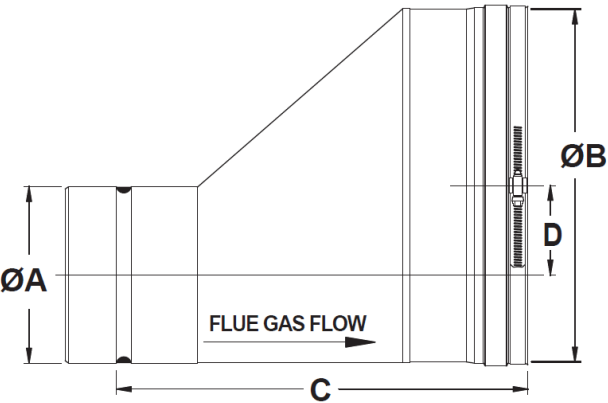
1. Add 0.50" to vent diameter to obtain gear clamp outside diameter.
2. Z-Vent® parts included in this document are common to Z-VentBLU®.

# Z-VentBLU® Single Wall

## Eccentric Increaser

Used to up-size a vent system

A	B	C	D	Part Number	Description
2.4	3	9.25	0.31	2ZB2.4I3	Z-VentBLU Eccentric Increaser 2.4 to 4 in
3	4	9.25	0.50	2ZB3I4	Z-VentBLU Eccentric Increaser 3 to 4 in



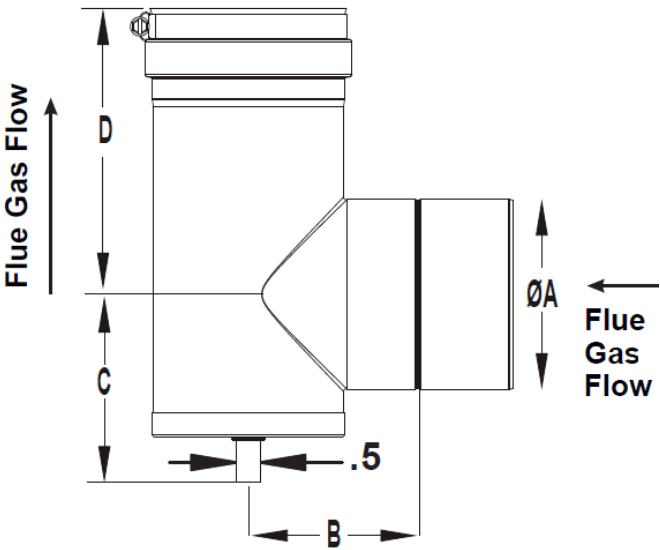
## Horizontal Drain

A	B	Part Number	Description
4	7.25	2ZB4HD	Z-VentBLU Horizontal Drain 4 in

# Single Wall Z-VentBLU®

## Drain Tee with Cap

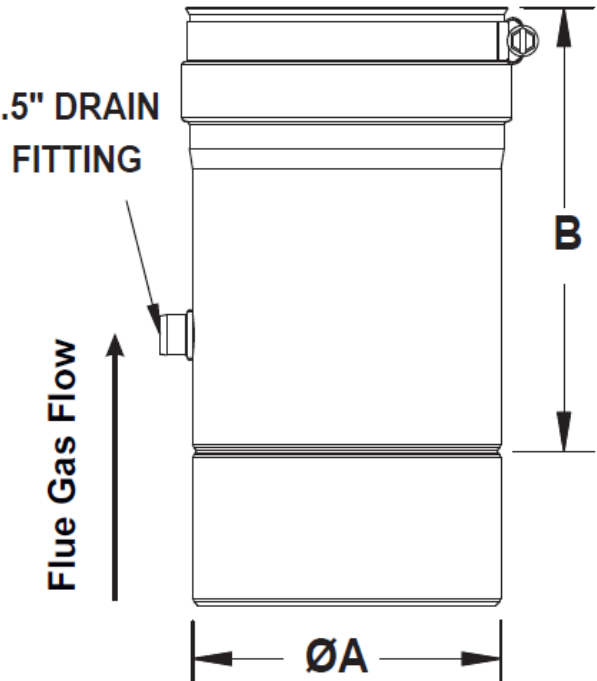
A	B	C	D	Part Number	Description
3	3.0	3.5	6.25	2ZB3DT	Z-VentBLU Drain Tee w/Cap 3 in
4	3.5	4.0	6.25	2ZB4DT	Z-VentBLU Drain Tee w/Cap 4 in



Used to drain condensate from the Vent system. High temperature Drain Tube kit sold separately.

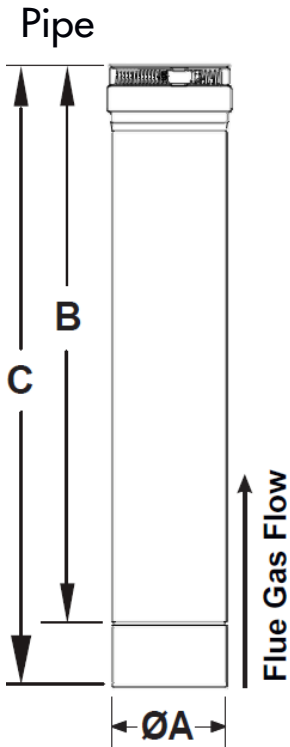
## Drain Horizontal / Vertical

A	B	Part Number	Description
2.4	5.75	2ZB2.4DHV	Z-VentBLU Drain Horizontal/Vertical 2.4"
3	5.75	2ZB3DHV	Z-VentBLU Drain Horizontal/Vertical 3"
4	5.75	2ZB4DHV	Z-VentBLU Drain Horizontal/Vertical 4"



# Z-VentBLU® Single Wall

Available in diameters 2.4in to 4in and standard lengths up to 5ft & 10ft. Pipe can be cut to length. The female end of each Z-VentBLU® component incorporates a *Double Fail Safe™* self sealing gasket. Examine all components to ensure that gasket integrity has remained during shipping. Gaskets must be in proper position or flue gases could leak resulting in carbon monoxide poisoning. The installation shall be in accordance with the manufacturer's installation instructions.



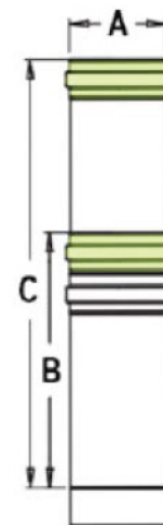
A	B	C	Part Number	Description
2.4in	4.00	5.75	2ZB2.4P.5	Z-VentBLU Pipe 2.4in x 6in
	10.00	11.75	2ZB2.4P1	Z-VentBLU Pipe 2.4in x 1ft
	16.00	17.75	2ZB2.4P1.5	Z-VentBLU Pipe 2.4in x 1.5ft
	22.00	23.75	2ZB2.4P2	Z-VentBLU Pipe 2.4in x 2ft
	34.00	35.75	2ZB2.4P3	Z-VentBLU Pipe 2.4in x 3ft
	46.00	47.75	2ZB2.4P4	Z-VentBLU Pipe 2.4in x 4ft
	58.00	59.75	2ZB2.4P5	Z-VentBLU Pipe 2.4in x 5ft
	118.00	119.75	2ZB2.4P10	Z-VentBLU Pipe 2.4in x 10ft
3in	3.75	5.75	2ZB3P.5	Z-VentBLU Pipe 3in x 6in
	9.75	11.75	2ZB3P1	Z-VentBLU Pipe 3in x 1ft
	15.75	17.75	2ZB3P1.5	Z-VentBLU Pipe 3in x 1.5ft
	21.75	23.75	2ZB3P2	Z-VentBLU Pipe 3in x 2ft
	33.75	35.75	2ZB3P3	Z-VentBLU Pipe 3in x 3ft
	45.75	47.75	2ZB3P4	Z-VentBLU Pipe 3in x 4ft
	57.75	59.75	2ZB3P5	Z-VentBLU Pipe 3in x 5ft
	117.75	119.75	2ZB3P10	Z-VentBLU Pipe 3in x 10ft

A	B	C	Part Number	Description
4in	3.75	5.75	2ZB4P.5	Z-VentBLU Pipe 4in x 6in
	9.75	11.75	2ZB4P1	Z-VentBLU Pipe 4in x 1ft
	15.75	17.75	2ZB4P1.5	Z-VentBLU Pipe 4in x 1.5ft
	21.75	23.75	2ZB4P2	Z-VentBLU Pipe 4in x 2ft
	33.75	35.75	2ZB4P3	Z-VentBLU Pipe 4in x 3ft
	45.75	47.75	2ZB4P4	Z-VentBLU Pipe 4in x 4ft
	57.75	59.75	2ZB4P5	Z-VentBLU Pipe 4in x 5ft
	117.75	119.75	2ZB4P10	Z-VentBLU Pipe 4in x 10ft

## Pipe Adjustable

The use of adjustable pipe may be required when the system must be located within extremely tight installation parameters.

A	B	C	Part Number	Description
2.4	13	21.9	2ZB2.4PAL	Z-VentBLU Pipe Adjustable 2.4in
3	13	21.9	2ZB3PAL	Z-VentBLU Pipe Adjustable 3 in
4	13	21.9	2ZB4PAL	Z-VentBLU Pipe Adjustable 4 in

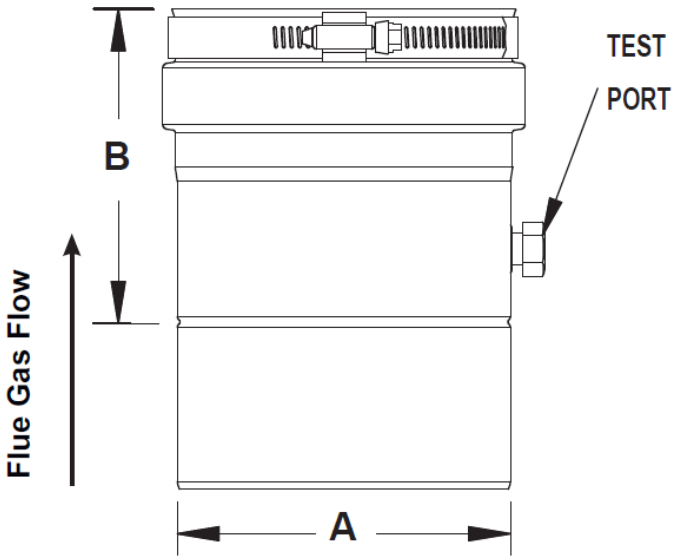


2ZB\_PAL



# Single Wall Z-VentBLU®

Vent length with test port allows easy access for flue gas analysis.



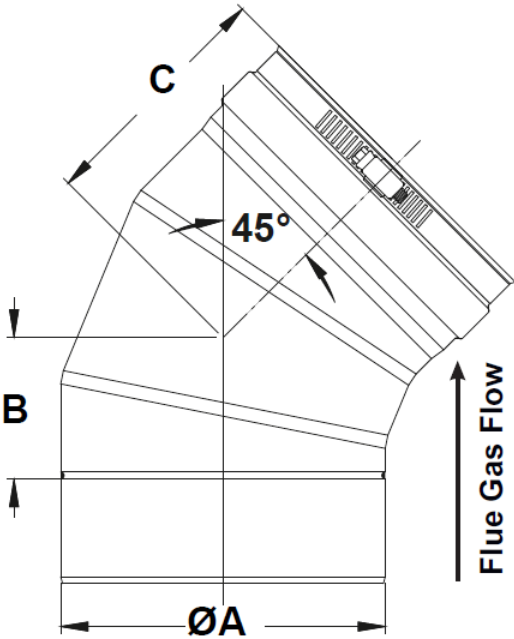
## Pipe with Test Port

A	B	Part Number	Description
2.4	4.00	2ZB2.4PTP5	Z-VentBLU Pipe w/Test Port 2.4 in
3	3.75	2ZB3PTP.5	Z-VentBLU Pipe w/Test Port 3 in
4	3.75	2ZB4PTP.5	Z-VentBLU Pipe w/Test Port 4 in

## Elbow 45°

A	B	C	Part Number	Description
2.4	1.82	3.32	2ZB2.4E45	Z-VentBLU Elbow 45° X 2.4 in
3	1.62	3.37	2ZB3E45	Z-VentBLU Elbow 45° X 3 in
4	1.83	3.58	2ZB4E45	Z-VentBLU Elbow 45° X 4 in

45° elbow is used when a direction change or offset is required.

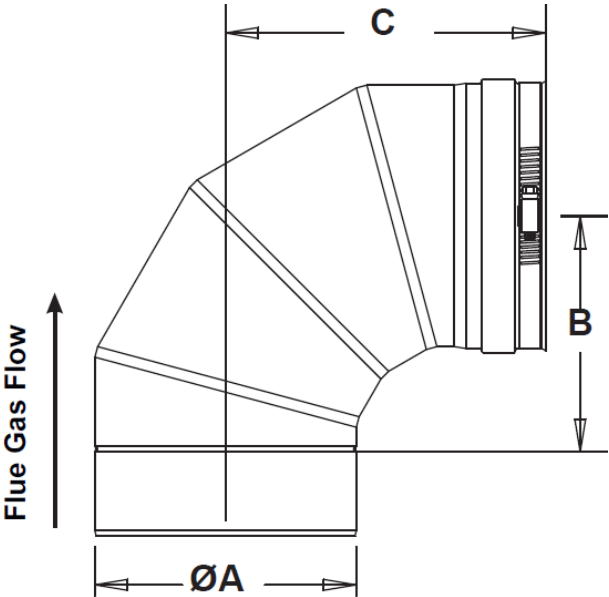


# Z-VentBLU® Single Wall

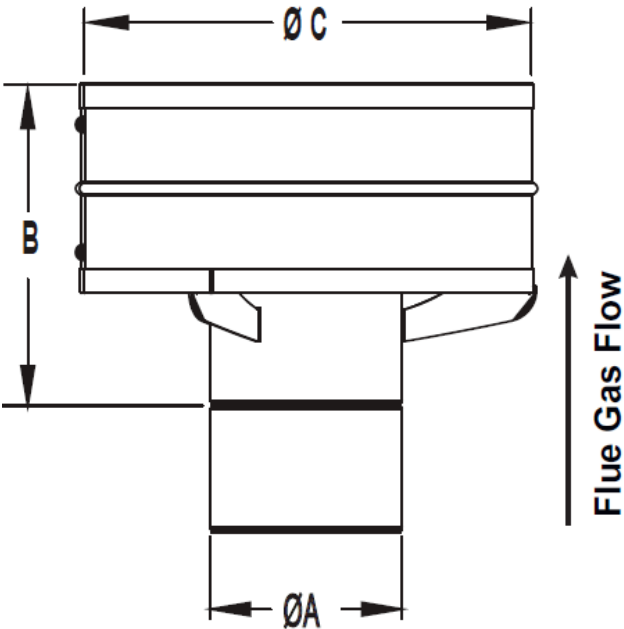
## Elbow 90°

A	B	C	Part Number	Description
2.4	3.98	5.52	2ZB2.4E90	Z-VentBLU Elbow 90° X 2.4 in
3	4.72	6.18	2ZB3E90	Z-VentBLU Elbow 90° X 3 in
4	5.22	6.66	2ZB4E90	Z-VentBLU Elbow 90° X 4 in

90° elbow is are used when a direction change or offset is required.



Rain cap is designed to terminate a vertical stack and prevent the entrance of debris or rain into the vent.

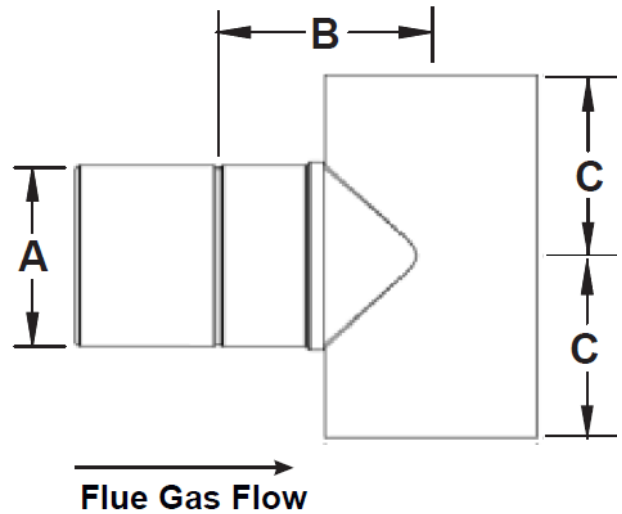


## Rain Cap Extreme Weather

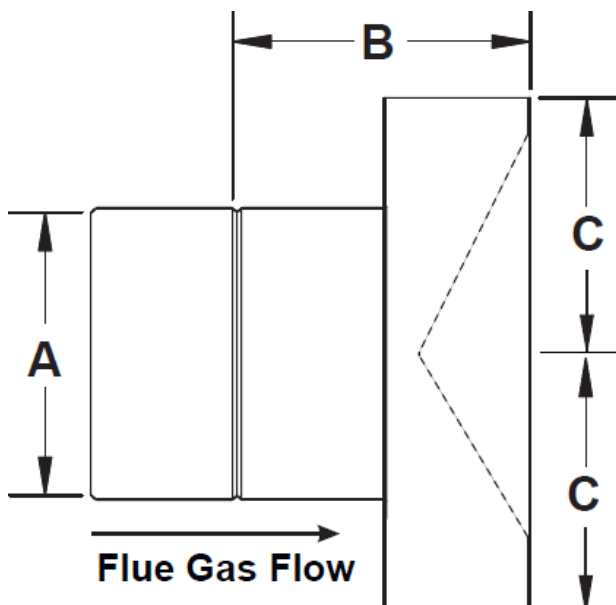
A	B	C	Part Number	Description
2.4	5	7	2ZB2.4TRCBE	Z-VentBLU Rain Cap Extreme Weather 2.4 in
3	5	7	2ZB3TRCBE	Z-VentBLU Rain Cap Extreme Weather 3 in
4	5	8	2ZB4TRCBE	Z-VentBLU Rain Cap Extreme Weather 4 in

## Termination Tee

A	B	C	Part Number	Description
3	3.05	3	2ZB3TT	Z-VentBLU Termination Tee 3 in
4	2.75	3.5	2ZB4TT	Z-VentBLU Termination Tee 4 in



A wall termination is used to terminate a horizontal vent. The special design resists winds from affecting flue gas flow.



## Termination Box

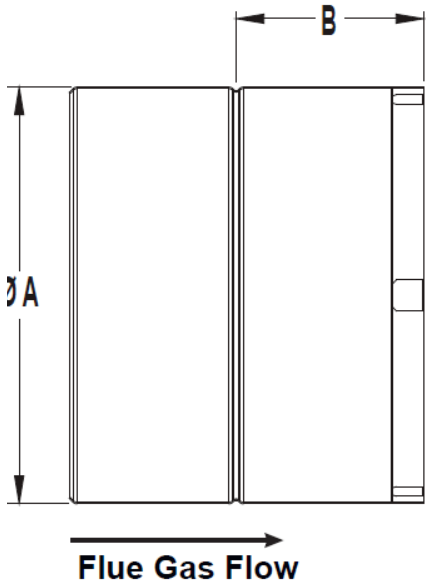
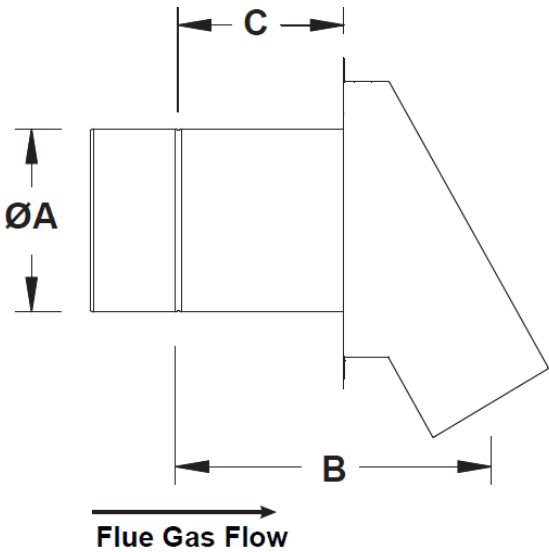
A	B	C	Part Number	Description
2.4	3	2.5	2ZB2.4TB	Z-VentBLU Termination Box 2.4 in
3	3	2.5	2ZB3TB	Z-VentBLU Termination Box 3 in
4	3	3	2ZB4TB	Z-VentBLU Termination Box 4 in



# Z-VentBLU® Single Wall

## Termination Hood

A	B	C	Part Number	Description
2.4	6.75	3.75	2ZB2.4TH	Z-VentBLU Termination Hood 2.4 in
3	6.75	3.75	2ZB3TH	Z-VentBLU Termination Hood 3 in
4	7.125	3.75	2ZB4TH	Z-VentBLU Termination Hood 4 in

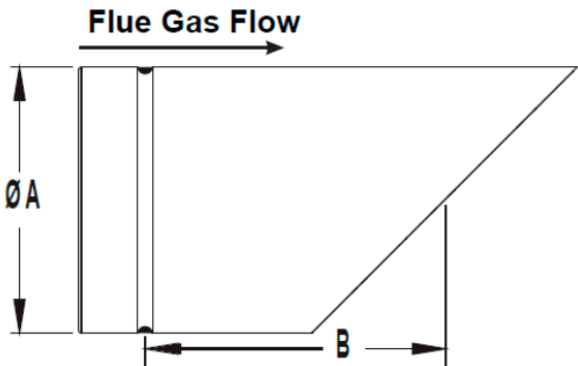


## Termination Screen

A	B	Part Number	Description
2.4	2	2ZB2.4TS	Z-VentBLU Termination Screen 2.4 in
3	2	2ZB3TS	Z-VentBLU Termination Screen 3 in
4	2	2ZB4TS	Z-VentBLU Termination Screen 4 in

## Angle Termination

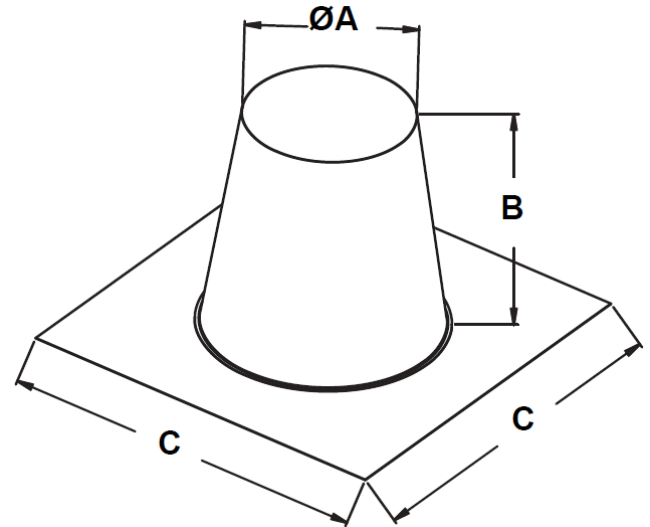
A	B	Part Number	Usage	
			SW	Concentric
2.4	6.18	2ZB2.4SAT	2.4	2.4/4
3	6.5	2ZB3SAT	3	
4	7	2ZB4SAT	4	



## Flashing Flat

A	C	Part Number	B	Part Number	B	Usage	
						SW	Concentric
2.4	12.5	2SVSF02.4	12	2SVSF02.4X	18	2.4	
3	12.5	2SVSF03	12	2SVSF03X	18	3	
4	14	2SVSF04	12	2SVSF04X	18	4	2.4/4

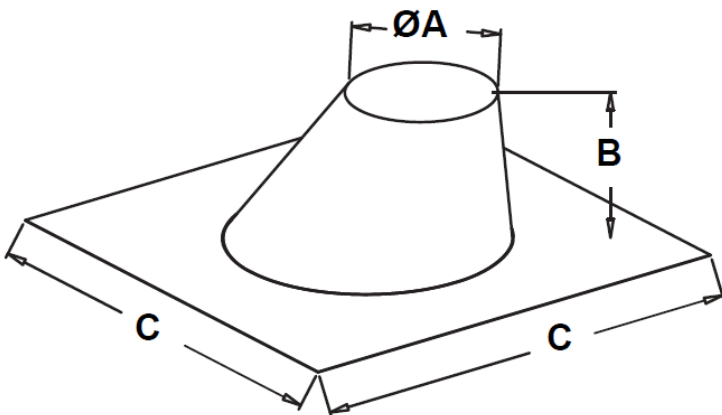
Flat flashing provides weather protection where the vent penetrates the roof or chimney. Use on flat or slightly sloped (5° slope maximum) roofs.



0° - 30° flashing provides weather protection where the vent penetrates the roof. Use on roofs with a pitch from 0° - 30°- 0/12 - 5/12 slope.

## Flashing 0-30°

A	B	C	Part Number	Usage	
				SW	Concentric
2.4	6	16	2SVSFA02.4	2.4	
3	6	16	2SVSADJ(F)03	3	
4	6	16	2SVSADJ(F)04	4	2.4/4

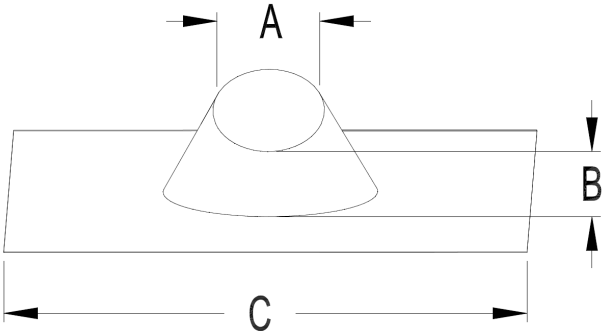


# Z-Vent®

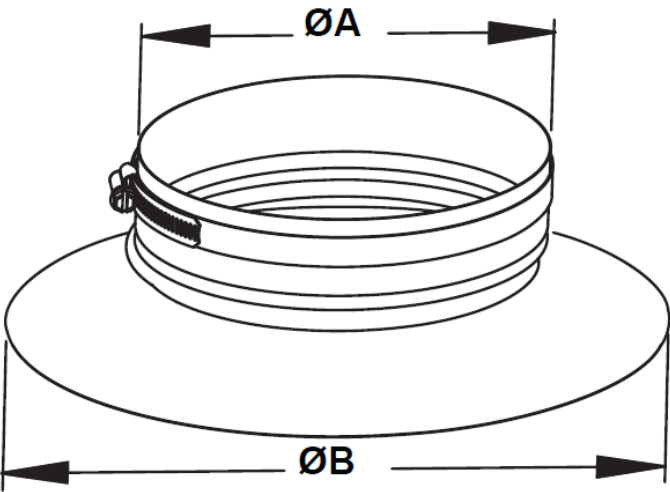
## Flashing 30-45°

A	B	C	Part Number	Usage	
				SW	Concentric
2.4	6	16	2SVSADJS02.4	2.4	
3	6	16	2SVSADJS(F)03	3	
4	6	16	2SVSADJS(F)04	4	2.4/4

30° - 45° flashing provides weather protection where the vent penetrates the roof. Use on roofs with a pitch from 30° - 45° - 7/12 - 12/12 slope.



For use in conjunction with flashing to prove weather protection. Apply field supplied sealant between vent pipe outside diameter and storm collar inside diameter.



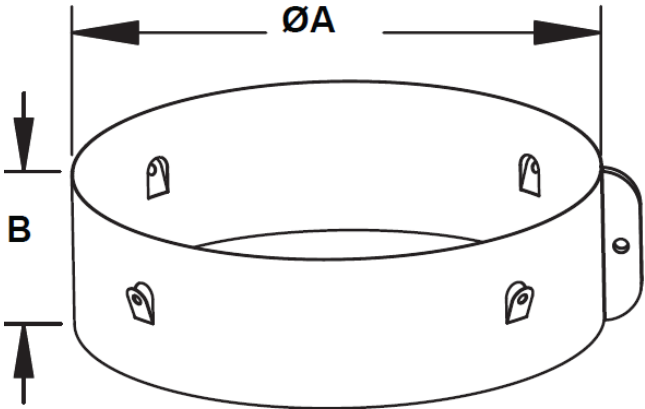
## Storm Collar (Top Support)

A	B	Part Number	Usage	
			SW	Concentric
2.4	6.44	2SVSLS02.4	2.4	
3	7	2SVSLS(F,X)03	3	
4	8	2SVSLS(F,X)04	4	2.4/4

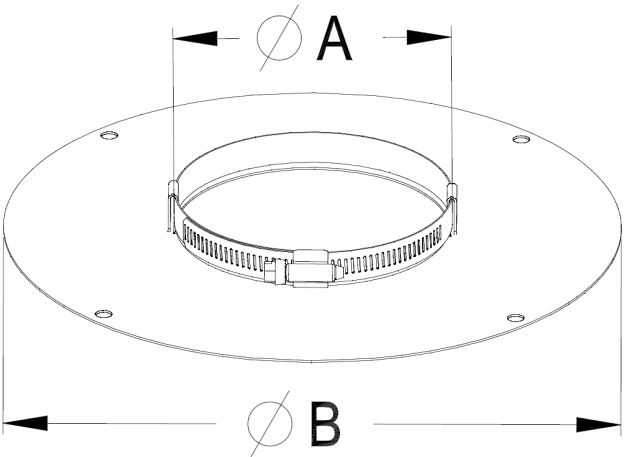
## Guy Band

A	B	Part Number	Usage	
			SW	Concentric
2.4	3	2SVSGB02.4	2.4	
3	3	2SVSGB03	3	
4	3	2SVSGB04	4	2.4/4

A guy band is used to stabilize the vent above the roof line or where a vent support can not be used. Secure with 4 guy wires (not included).



For use to finish a wall and provide weather protection. Apply field supplied sealant between vent pipe outside diameter/trim ring inside diameter and wall/trim ring outside diameter.



## (Wall) Trim Ring

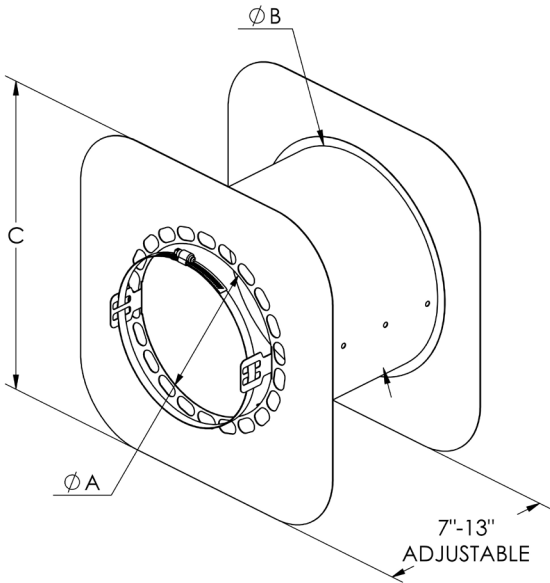
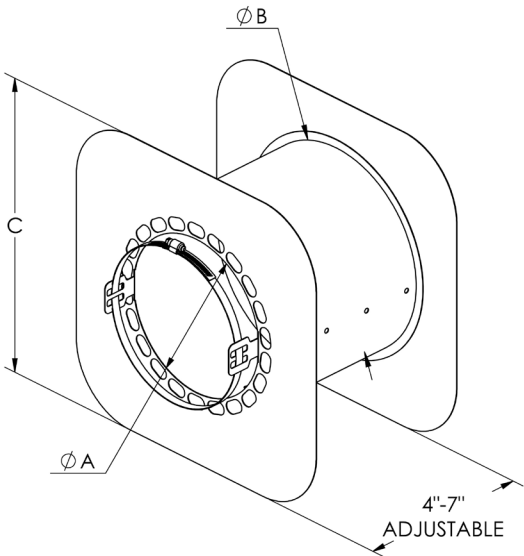
A	B	Part Number	Usage	
			SW	Concentric
3	7.00	2SVSTR03	3	
4	8.00	2SVSTR04	4	2.4/4

# Z-Vent®

## 4" - 7" Thick Wall Thimble

A Inlet Dia	A Outlet Dia	B Thimble Dia	C Sq. plate	Part Number	Usage	
					SW	Concentric
3.03	2.53	4.35	7.4	2SVWTO2.4	2.4	
3.63	3.13	5	8	2SVWTO3	3	
4.63	4.13	6	9	2SVWTO4	4	2.4/4

For use when the vent passes through a horizontal opening.  
Not required for non-combustible walls.



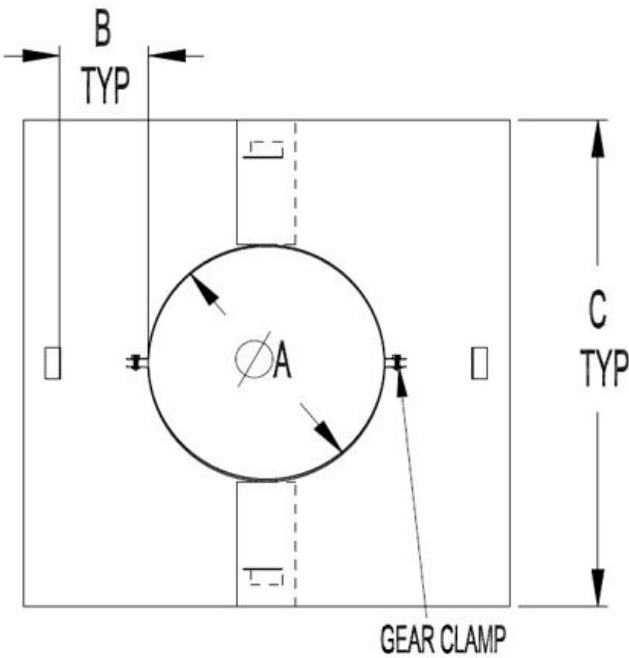
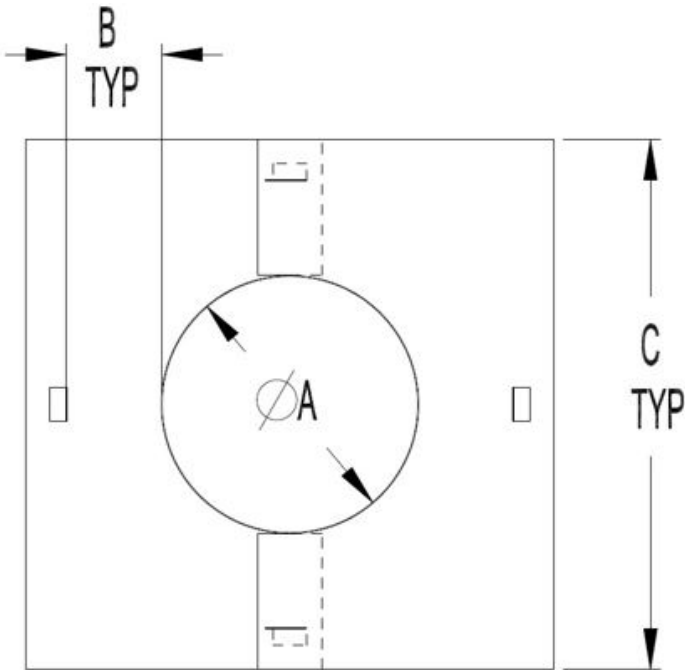
## 7" - 13" Wall Thimble

A Inlet Dia	A Outlet Dia	B Thimble Dia	C Sq. plate	Part Number	Usage	
					SW	Concentric
3.03	2.53	4.35	7.4	2SVWTM02.4	2.4	
3.63	3.13	5	8	2SVWTM03	3	
4.63	4.13	6	9	2SVWTM04	4	2.4/4

## Firestop

A	B	C	Part Number	Usage	
				SW	Concentric
2.5	4	16	2ZVFS02.4	2.4	
3.1	4	16	2ZVFS03	3	
4.1	4	17	2ZVFS04	4	2.4/4

A firestop is used on vertical systems to provide firestop or firestop/support and maintain the necessary clearance to combustible materials.



## Firestop Support

A	B	C	Part Number	Usage	
				SW	Concentric
2.5	4	16	2ZVFSS02.4	2.4	
3.1	4	16	2ZVFSS03	3	
4.1	4	17	2ZVFSS04	4	2.4/4

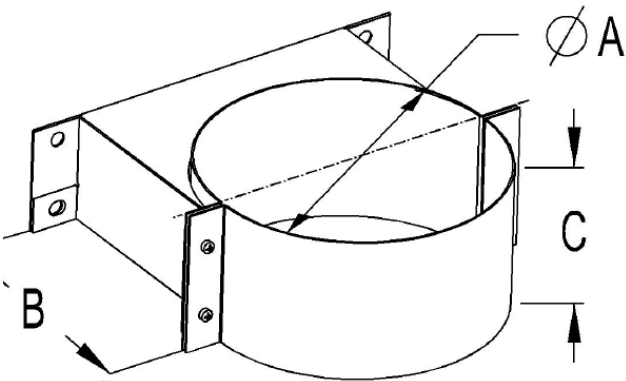


# Z-Vent®

## Wall (Vent) Support

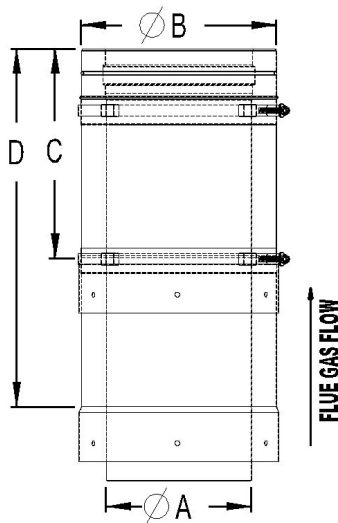
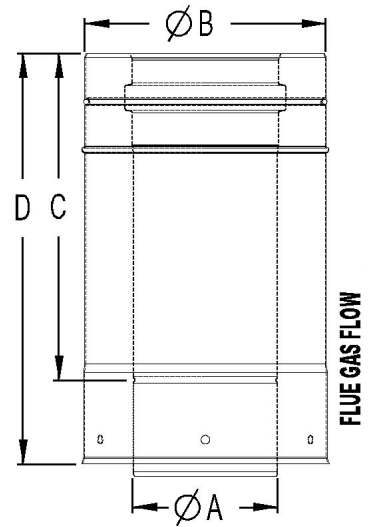
A	B	C	Part Number	Usage	
				SW	Concentric
2.4	2.2	3	2SVSWS02.4	2.4	
3	2.5	3	2SVSWS03	3	
4	3	3	2SVSWS04	4	2.4/4

Z-VentBLU wall (vent) support is used to provide support to the vent system while maintaining proper clearance to combustible materials.



## Concentric Pipe

A	B	C		Part Number
2.4	4	3.75	5.75	2ZBCP2.44.5
2.4	4	9.75	11.75	2ZBCP2.4401
2.4	4	15.75	17.75	2ZBCP2.4401.5
2.4	4	21.75	23.75	2ZBCP2.4402
2.4	4	33.75	35.75	2ZBCP2.4403
2.4	4	45.75	47.75	2ZBCP2.4404

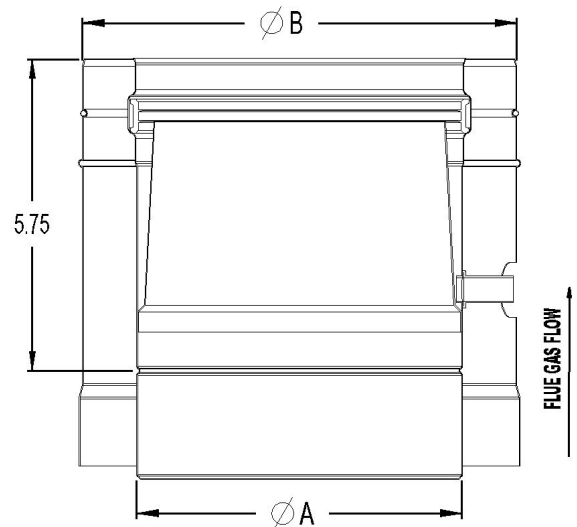


## Concentric Pipe Adjustable

A	B	C	D	Part Number
2.4	4	9	13.90	2ZBCPA2.44

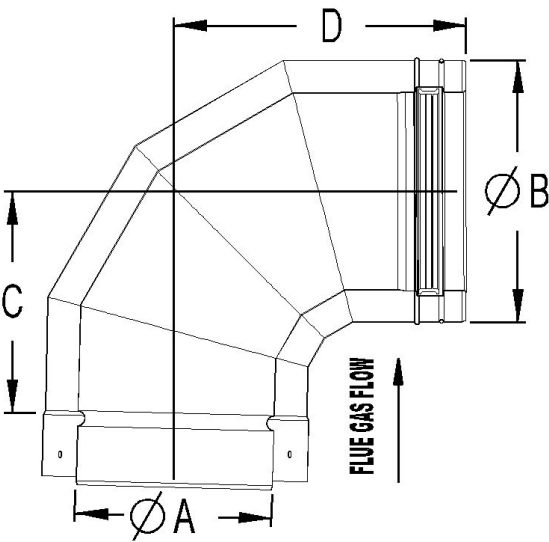
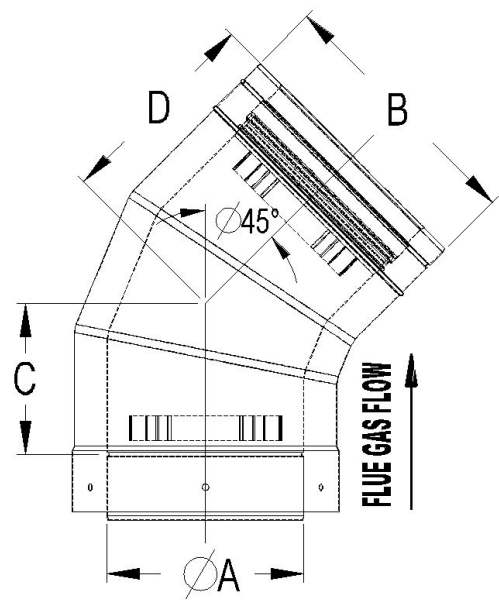
## Concentric Pipe Drain

A	B	Part Number
2.4	4	2ZBCPD2.44



Concentric 45° Elbow

A	B	C	D	Part Number
2.4	4	1.82	3.32	2ZBCE2.4445

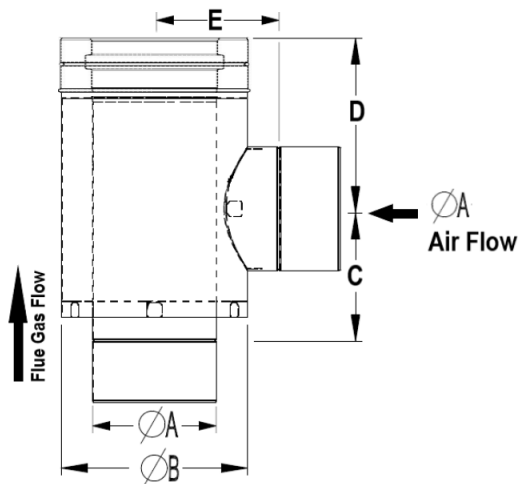
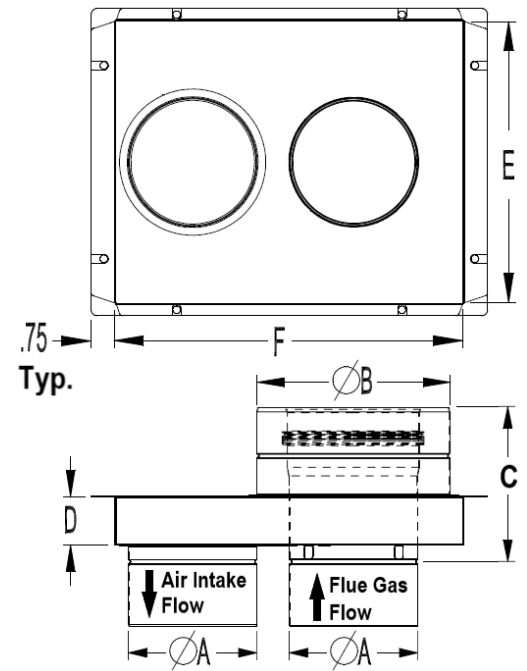


Concentric 90° Elbow

A	B	C	D	Part Number
2.4	4	3.98	5.52	2ZBCE2.4490

## Concentric Adapter

A	B	C	D	E	F	Part Number
2.4	4	4.25	1	5.875	7.875	2ZBCA2.44

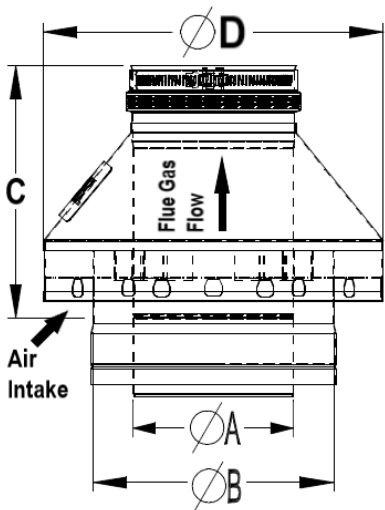
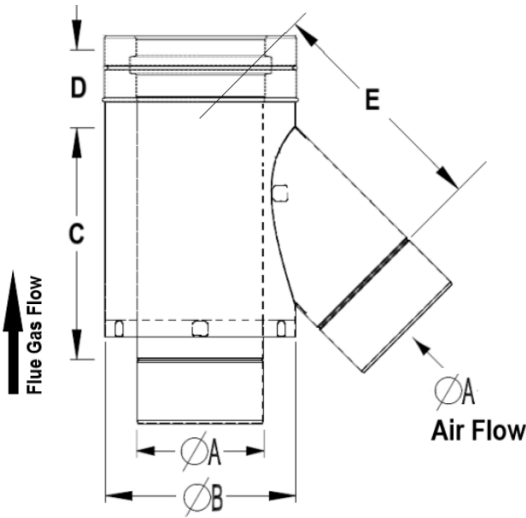


## Concentric Tee

A	B	C	D	E	Part Number
2.4	4	3.43	4	2.84	2ZBCT2.44

Concentric Lateral

A	B	C	D	E	Part Number
2.4	4	5	2	5	2ZBCL2.44

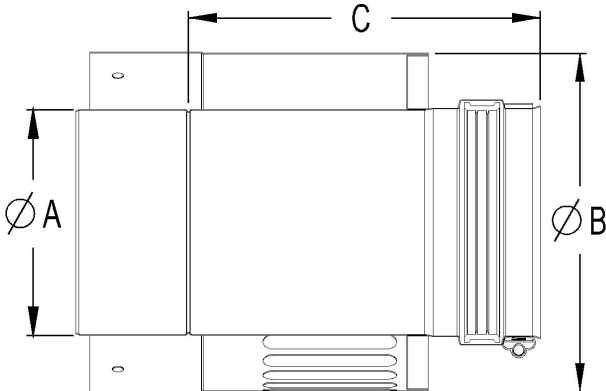


Concentric Intake

A	B	C	D	Part Number
2.4	4	6.25	6.5	2ZBCI2.44

Concentric Intake Horizontal

A	B	C	Part Number
2.4	4	6.25	2ZBCIH2.44



# Warranty

## Z-FLEX® LIMITED LIFETIME WARRANTY

Z-FLEX® ("Seller") extends the following LIMITED WARRANTY for Z-VentBLU® (the "Z-VentBLU®"): Seller warrants that at the time of purchase, the Z-VentBLU® will be free of manufacturers defects in material and/or workmanship. This warranty shall extend to the original purchaser of the Z-VentBLU® or, if purchased by a contractor, to the end user. This warranty is valid for a period of ten (10) years from the date of purchase, provided that the Z-VentBLU® has been installed according to Z-Flex® installation instructions. Deviating from the installation and use instructions included with the Z-VentBLU® will void the warranty. Under this Limited Warranty, Seller's sole responsibility and liability shall be to replace the Z-VentBLU® and/or accessories, if found by Seller to be defective according to the terms of the warranty, and shall not include replacement installation or other costs.

**IMPORTANT:** The Z-VentBLU® is designed for use with Category I, II, III and IV furnace and boiler venting and should not be used with any other type of furnace and boiler venting. Use of the Z-VentBLU® with any other type of furnace and boiler venting other than those recommended by Seller for use with its Z-VentBLU® will void the warranty.

**WARNING: CONDENSATION WITH HIGH ACID CONTENT MAY BE PRODUCED DUE TO UNFORESEEN CONDITIONS. YOUR HEATING APPLIANCE AND VENTING SYSTEM SHOULD BE INSPECTED BY A LICENSED CONTRACTOR ON AN ANNUAL BASIS FOR POSSIBLE SIGNS OF DETERIORATION DUE TO RUSTING OR PIN HOLES. CONDENSATION WITH HIGH ACID CONTENT MAY CAUSE LEAKAGE OF HARMFUL GASES WHICH CAN CAUSE NAUSEA, FAINTING OR DEATH. IF DETERIORATION IS DETECTED CEASE USE OF HEATING SYSTEM AND CALL FURNACE/BOILER INSTALLER FOR REMEDIAL ACTION.**

**Please note:** Different manufacturers have different joint systems and adhesives. Do not mix pipe, fittings or joining methods from different manufacturers without an approved adaptor, as doing so will void any and all warranties.

To activate the warranty, the end-user must complete and return the Z-Flex® Warranty Registration Card within ninety (90) days of installation of the Z-VentBLU®. Upon written notice of any defects, Z-Flex® reserves the right to examine or establish reasonable proof of defective material or workmanship justifying replacement.

NO OTHER EXPRESS WARRANTY HAS BEEN MADE OR WILL BE MADE ON BEHALF OF SELLER WITH RESPECT TO THE Z-VentBLU® OR THE INSTALLATION OR REPLACEMENT OF THE Z-VentBLU®. SELLER SHALL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES.

As some jurisdictions do not allow the exclusion or limitation of incidental or consequential damages, the above limitations or exclusions may not apply to you.

**IMPLIED WARRANTIES, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, IMPOSED ON THIS SALE UNDER STATE LAW, ARE LIMITED TO THE PERIOD DURING WHICH THIS WARRANTY IS IN EFFECT. AS SOME JURISDICTIONS DO NOT ALLOW LIMITATIONS ON THE LENGTH OF AN IMPLIED WARRANTY, THE ABOVE LIMITATION MAY NOT APPLY TO YOU.**

Claims under this warranty must be made within the warranty period in writing and directed to:

### USA:

Warranty Claims  
Z-Flex® (US) Inc. 20 Commerce Park North  
Bedford, New Hampshire 03110  
(603) 669-5136 or (800) 654-5600.

### Canada:

Warranty Claims  
Z-Flex® Inc. 452 Attwell Drive  
Etobicoke, ON M9W 5C3  
(416) 679-0045

This warranty gives you specific legal rights, and you may also have other rights that vary in different states and provinces.



## WARRANTY REGISTRATION CARD: Z-FLEX®

For this warranty to be effective, this card must be completed upon purchase of the covered Z-VentBLU® and returned to Z-Flex® within ninety (90) days of installation of the Z-VentBLU®.

Original end-user's name: \_\_\_\_\_

Address of premises in which the Z-VentBLU® is installed: \_\_\_\_\_

Z-VentBLU® purchased from: \_\_\_\_\_

Date of Installation: \_\_\_\_\_

Type of Heating System into which Z-VentBLU® installed: \_\_\_\_\_

I understand and agree to the Warranty as stated: \_\_\_\_\_

Signature \_\_\_\_\_

Date \_\_\_\_\_







20 Commerce Park North  
Bedford, New Hampshire 03110-6911  
tel: 603.669.5136 fax: 603.669.0309

452 Attwell Drive  
Etobicoke, ON M9W 5C3  
tel: 416.679.0045 fax: 416.679.0051

[www.z-flex.com](http://www.z-flex.com) email [sales@z-flex.com](mailto:sales@z-flex.com)