



**EVent™**  
**SERIES**

**VENTING SYSTEMS  
FOR HIGH EFFICIENCY  
APPLIANCES**



**Underwriters  
Laboratories Inc.®**  
LISTED

## SUPERIOR SYSTEM DESIGN

eVent™ DualSeal™ with RapidLock™ Connection System is a modular double wall prefabricated vent and exhaust systems used in venting high efficiency appliances that require a positive, neutral or negative draft exhaust. The Patent Pending joint connection system ensures quick and leak free connection with the industry's highest pressure rating. Connections are sealed with factory-applied gaskets and pressure tight v-bands designed specifically to handle the temperature and corrosive condensate produced by high efficiency appliances.

eVent™ is a double wall product that utilizes AL 29-4C® or 316L inner liner providing exceptional corrosive resistance meeting appliance manufacturers warranty requirements. A 1" air gap between the inner and outer shell provides low clearance to combustibles and insulation properties to improve natural draft. Schebler also offers 2" insulated product, eVent™ PLUS2, that provides enhanced insulation properties, see eVent™ PLUS2 brochure for more information.

## LISTINGS AND VENTING APPLICATIONS

The Schebler eVent™ DualSeal™ leak free system is tested and listed by Underwriters Laboratories Inc. (UL) under file number MH10056 for UL 1738 and ULC S636-95 vent. eVent™ is a double wall special stainless steel venting systems for gas fired appliances listed as Category II, III, and IV with a maximum flue gas temperature of 550°F, and 40" w.c. positive pressure. Gas vent - BH, Class I / Class II - 245°C.

## COMPLETE LINE OF FITTINGS AND SIZES AVAILABLE

The eVent™ series is available in even and odd diameters ranging from 5" to 48". A complete line of straight sections, variable lengths, tees, elbows, stack terminations, roof penetration components and support members are offered. In addition to the standard components, virtually any conceivable fitting is available as a special order item.

## MATERIAL AVAILABLE

eVent™ is available in a variety of materials allowing the proper material selection for your specific application. The standard product features AL 29-4C® or 316L stainless steel liner and a 430 stainless steel outer shell.

## SUPPORT LIMITS

Support plates and wall supports are utilized to support the weight of the vent. In horizontal runs, supports should be placed adjacent to fittings that are not otherwise supported. See the individual part description for allowable support charts.

## UNIQUE FEATURES

The eVent™ series offers unique features that no other vent manufacturer can provide.

- **DualSeal™ with RapidLock™ Connection System**

- Factory-applied gasket designed specifically for exhaust systems
- Superior flange to flange joint connection
- Greater sealing surface than male/female gasket designs
- Quick install v-band
- One piece/hinged design
- No loose bolts/nuts to install



- **Pressure Rated at 40" w.c.**

- Reduces risk of leakage

- **Longest Straight Sections up to 59"**

- Reduces installation time / cost

- **Greater Distance Between Supports**

- Reduces installation cost
- Solution to design challenges

- **Union Made Product**

- **3-Year Leak Free Guarantee**

- **Lifetime Warranty**



## SCHEBLER VALUE

- **Fast Project Completion**

- 2-week lead time (vs. industry standard 3-6 weeks)
- Trouble-free installation / detailed instructions
- No application of sealant required

- **Maximum Strength / Long Life**

- Unmatched dimensional accuracy for secure joint connections
- Fully welded liners and shells
- Unequalled support limits

- **Complete System Design**

- CAD drawings
- 3D design solutions
- Complete BOM
- System sizing

- **Special Fittings**

To purchase or schedule a demonstration of the eVent™ DualSeal™ with **RapidLock™** Connection System, call 563.359.0110 or visit [scheblerchimney.com/find-a-distributor/](http://scheblerchimney.com/find-a-distributor/) to speak with a Schebler Distributor today.

## OPERATING TEMPERATURES AND CLEARANCES CHART

eVent™ and eVent™ PLUS have been tested and listed for a maximum flue gas temperature of 550°F, and ULC-S636-95 for gas vent-BH, Class I / Class II - 245°C. The clearances shown are from the shell to combustibles.

**eVent™ Series Clearance to Combustibles**

Section Inside Diameter	550°F (288°C)
5"-6"	1" (25mm)
7"-8"	1" (25mm)
9"-10"	1" (25mm)
11"-12"	1" (25mm)
13"-14"	1" (25mm)
15"-16"	1.5" (38mm)
17"-18"	1.5" (38mm)
19"-20"	1.5" (38mm)
21"-22"	2" (51mm)
23"-24"	2" (51mm)
25"-26"	3" (76mm)
27"-28"	3" (76mm)
29"-30"	3" (76mm)
31"-32"	3" (76mm)
33"-34"	4" (102mm)
35"-36"	4" (102mm)
37"-38"	4" (102mm)
39"-40"	4" (102mm)
41"-42"	4" (102mm)
43"-44"	5" (127mm)
45"-46"	5" (127mm)
47"-48"	5" (127mm)

Clearance to non-combustible materials for all diameters and applications is 0" (0mm).

**Ensure factory supplied gasket is in place and in good clean condition. Damaged or missing gaskets should be replaced before flue is installed. Contact your Schebler exhaust system distributor for additional gaskets.**



## JOINT ASSEMBLY

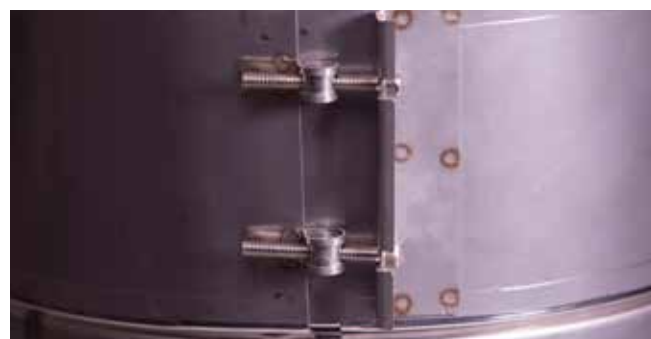
1. Join the non-gasketed flange to the gasketed/collared flange of the next section. Install inner band around the two flanges, and use a 3/8" nut driver to tighten inner band around sections. Tap on inner band with rubber or rawhide mallet to ensure a proper tight joint.



2. Rotate flange bolt into the corresponding notch of the clip and tighten both flange bolts evenly until secure.



3. Place outer band around both sections covering the space between the shells. The flanges on the outer band fit into the grooves on the shells. Use a 3/8" nut driver to tighten into place.



# SYSTEM COMPONENTS

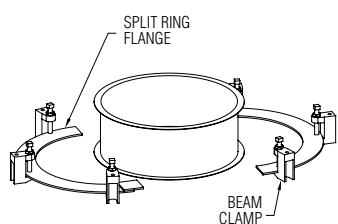
CUSTOM DIMENSIONS ARE AVAILABLE TO SUIT YOUR NEEDS IN EVEN AND ODD SIZES

## ADAPTER KIT (FLANGED)

### Part No. BKF

The Adapter Kit (Flanged) is used for securing pipe to a flanged appliance outlet. Beam clamps are provided for connection of the flanges, or the flange can be drilled in the field to match the appliance.

Includes 1 inner band and 1 seal ring to cover the gap between the inner and outer shells.



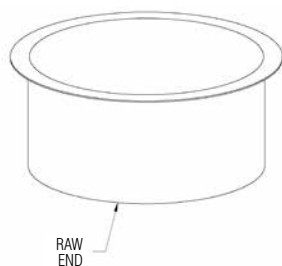
Most high efficient category IV appliances have adapters that are specific to that make and model. Consult with your local Schebler distributor to verify your appliances needs.

## ADAPTER KIT (UNIVERSAL)

### Part No. UNAK

The Universal Adapter Kit is used for securing pipe to an unflanged appliance outlet.

Includes 1 inner band and 1 seal ring to cover the gap between the inner and outer shells.



## STRAIGHT SECTION

### Part No. 11S, 23S, 47S and 59S

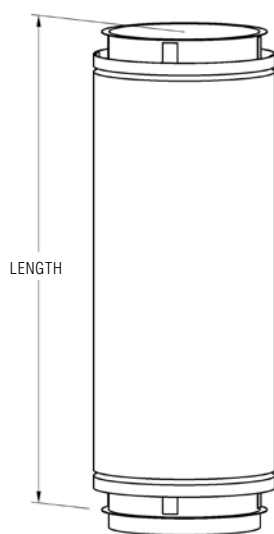
Standard lengths are as follows:

**Diameter 5" - 24"** is 11", 23", 47" and 59"

**Diameter 25" - 48"** is 11", 23", and 47"

Custom parts can be manufactured to any length over 3".

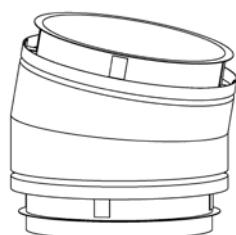
Includes 1 inner band and 1 outer band.



## 2° ELBOW

### Part No. 02L

The 2° Elbow is used with the 88° Elbow to create the correct pitch to allow for condensate to flow to a stack drain.

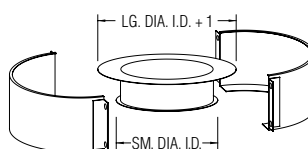


## ABRUPT INCREASER

### Part No. AI

The Abrupt Increaser is used to connect two sections of different diameters in a shorter space than a tapered increaser.

Includes 1 inner band of larger and smaller sizes and 1 seal ring.

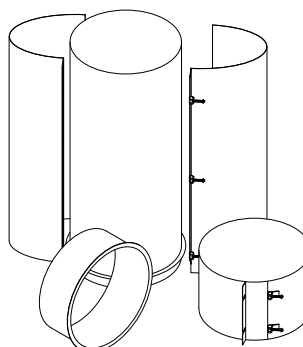


## VARIABLE LENGTH SECTION

### Part No. 21VS and 39VS

The Variable Section adjusts to provide a fixed odd length between two sections. The minimum length is 7", the maximum is 21" or 39". This part does not provide for thermal expansion.

Includes 1 long and 1 short inner liner section with gaskets, 1 rectangular gasket, 1 liner securing collar & 2 outer shell halves.

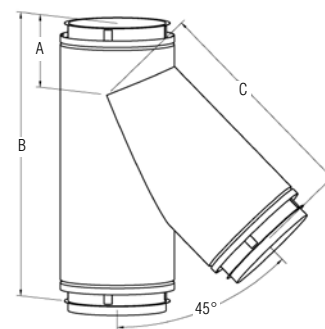


## 45° LATERAL TEE

### Part No. 45LT

The 45° Lateral Tee is used for low flow resistance entry into a stack or breeching.

Includes 2 inner bands and 2 outer bands.



### Part No. 45LT

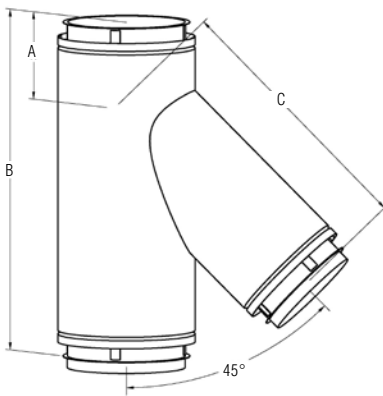
I.D.	A	B	C
5-6"	4 7/8"	18 3/8"	13 1/2"
7-8"	5 1/4"	21"	15 3/4"
9-10"	5 11/16"	23 7/8"	18 3/16"
11-12"	6 1/16"	26 11/16"	20 9/16"
13-14"	6 1/2"	29 1/2"	23"
15-16"	6 15/16"	32 5/16"	25 7/8"
17-18"	7 5/16"	35 3/16"	27 13/16"
19-20"	7 3/4"	38"	30 1/4"
21-22"	8 3/16"	40 13/16"	32 11/16"
23-24"	8 9/16"	43 5/8"	35 11/16"
25-26"	9"	46 1/2"	37 1/2"
27-28"	9 3/8"	49 5/16"	39 7/8"
29-30"	9 13/16"	52 1/8"	42 5/16"
31-32"	10 1/4"	54 15/16"	44 3/4"
33-34"	10 5/8"	57 13/16"	47 1/8"
35-36"	11 1/16"	60 5/8"	49 9/16"
37-38"	11 1/2"	63 7/16"	52"
39-40"	11 7/8"	66 1/4"	54 3/8"
41-42"	12 5/16"	69 1/8"	56 13/16"
43-44"	12 11/16"	71 15/16"	59 3/16"
45-46"	12 3/4"	74 3/4"	61 5/8"
47-48"	13 9/16"	77 9/16"	64 1/16"

## REDUCING 45° LATERAL TEE

### Part No. R45LT

The Reducing 45° Lateral Tee is used for low flow resistance entry into a stack or breeching when the stack or breeching is a larger size. Specify size of branch required.

Includes 1 each inner band and outer band for larger and smaller opening.



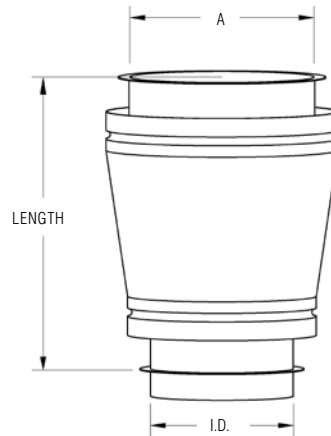
Part No. R45LT			
I.D.	A	B	C
5-6"	4 1/16"	16 3/4"	12 15/16"
7-8"	3 7/8"	18 3/16"	14 3/4"
9-10"	4 1/4"	21"	17 3/16"
11-12"	4 11/16"	23 7/8"	19 9/16"
13-14"	5 1/16"	26 11/16"	22"
15-16"	5 1/2"	29 1/2"	24 7/16"
17-18"	5 15/16"	32 5/16"	26 13/16"
19-20"	6 5/16"	35 3/16"	29 1/4"
21-22"	6 3/4"	38"	31 11/16"
23-24"	7 3/16"	40 13/16"	34 1/16"
25-26"	7 9/16"	43 5/8"	36 1/2"
27-28"	8"	46 1/2"	38 7/8"
29-30"	8 3/8"	49 5/16"	41 5/16"
31-32"	8 13/16"	52 1/8"	43 3/4"
33-34"	9 1/4"	54 15/16"	46 1/8"
35-36"	9 5/8"	57 13/16"	48 9/16"
37-38"	10 1/16"	60 5/8"	51"
39-40"	10 1/2"	63 7/16"	53 3/8"
41-42"	10 7/8"	66 1/4"	55 13/16"
43-44"	11 5/16"	69 1/8"	58 3/16"
45-46"	11 11/16"	71 15/16"	60 5/8"
47-48"	12 1/8"	74 3/4"	63 1/16"

## TAPERED INCREASER

### Part No. TI

The Tapered Increaser is used when a change in pipe diameter is required.

Includes 1 inner and 1 outer band of both smaller and larger size.



Part No. TI								
I.D.	A	B	A	B	A	B	A	B
6"	8"	15"	10"	18"	12"	21"	14"	24"
8"	10"	15"	12"	18"	14"	21"	16"	24"
10"	12"	15"	14"	18"	16"	21"	18"	24"
12"	14"	15"	16"	18"	18"	21"	20"	24"
14"	16"	15"	18"	18"	20"	21"	22"	24"
16"	18"	15"	20"	18"	22"	21"	24"	24"
18"	20"	15"	22"	18"	24"	21"	26"	24"
20"	22"	15"	24"	18"	26"	21"	28"	24"
22"	24"	15"	26"	18"	28"	21"	30"	24"
24"	26"	15"	28"	18"	30"	21"	32"	24"
26"	28"	15"	30"	18"	32"	21"	34"	24"
28"	30"	15"	32"	18"	34"	21"	36"	24"
30"	32"	15"	34"	18"	36"	21"	38"	24"
32"	34"	15"	36"	18"	38"	21"	40"	24"
34"	36"	15"	38"	18"	40"	21"	42"	24"
36"	38"	15"	40"	18"	42"	21"	44"	24"
38"	40"	15"	42"	18"	44"	21"	46"	24"
40"	42"	15"	44"	18"	46"	21"	48"	24"
42"	44"	15"	46"	18"	48"	21"	~	~
44"	46"	15"	48"	18"	~	~	~	~
46"	48"	15"	~	~	~	~	~	~
48"	~	~	~	~	~	~	~	~

Available in odd sizes.

Call for odd diameter taper increaser information.

# SYSTEM COMPONENTS

CUSTOM DIMENSIONS ARE AVAILABLE TO SUIT YOUR NEEDS IN EVEN AND ODD SIZES

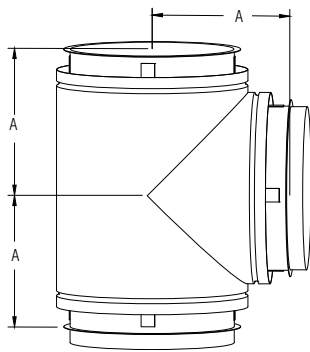
## 90° TEE

### Part No. 90T

The 90° Tee is used to join horizontal and vertical sections, as well as to provide for connection of drain or inspection fittings. Use either the drain tee cap or the end cap for closure of the unused opening.

Includes 2 inner bands and 2 outer bands.

Note: Grease tees available 1 1/2" containment dam located at one opening.



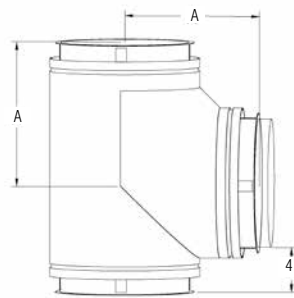
Part No. 90T/ R90T	
I.D.	A
5-6"	10 1/2"
7-8"	11 1/2"
9-10"	12 1/2"
11-12"	13 1/2"
13-14"	14 1/2"
15-16"	15 1/2"
17-18"	16 1/2"
19-20"	17 1/2"
21-22"	18 1/2"
23-24"	19 1/2"
25-26"	20 1/2"
27-28"	21 1/2"
29-30"	22 1/2"
31-32"	23 1/2"
33-34"	24 1/2"
35-36"	25 1/2"
37-38"	26 1/2"
39-40"	27 1/2"
41-42"	28 1/2"
43-44"	29 1/2"
45-46"	30 1/2"
47-48"	31 1/2"

## 90° BOOT TEE

### Part No. BT

The 90° Boot Tee is used to join horizontal and vertical sections with lower resistance as well as to provide for connection of drain or inspection fittings. Use either the drain tee cap or the end cap for closure of the unused opening.

Includes 2 inner bands and 2 outer bands.

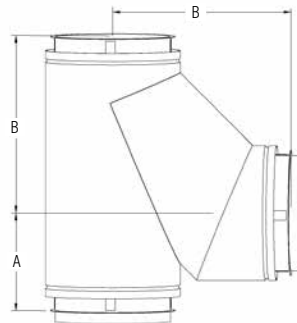


Part No. BT	
I.D.	A
26"	20 1/2"
28"	21 1/2"
30"	22 1/2"
32"	23 1/2"
34"	24 1/2"
36"	25 1/2"
38"	26 1/2"
40"	27 1/2"
42"	28 1/2"
44"	29 1/2"
46"	30 1/2"
48"	31 1/2"

## REDUCING 90° TEE

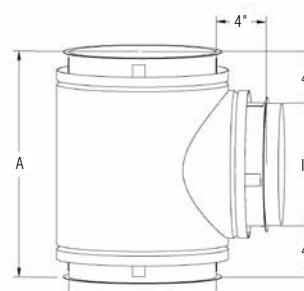
### Part No. R90T

The Reducing 90° Tee is used to join horizontal and vertical sections of different sizes, as well as provide for connection to drain or inspection fittings. Use either the drain tee cap or the end cap for closure of the unused opening. Specify size of branch required.



Part No. BT		
I.D.	A	B
5"	6 1/2"	10 5/16"
6"	7"	11 3/16"
7-8"	8"	13 1/16"
9"	8 1/2"	13 15/16"
10"	9"	14 7/8"
12"	10"	16 11/16"
14"	11"	18 1/2"
16"	12"	20 3/8"
18"	13"	22 3/16"
20"	14"	24"
22"	15"	25 13/16"
24"	16"	27 11/16"

Includes 1 each inner band and outer band for larger and smaller opening.



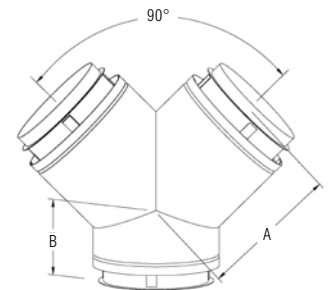
## 90° WYE

### Part No. 90Y

The 90° Wye is used for joining runs where low flow resistance is desired. All openings must be the same size. For connection to smaller diameter sections use the tapered or abrupt increasers.

Includes 2 inner bands and 2 outer bands.

Note: Grease wye available 1 1/2" containment dam located at one opening.



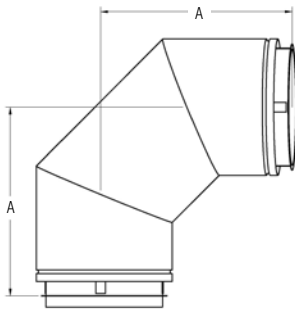
Part No. 90Y		
I.D.	A	B
5-6"	10 1/2"	7"
7-8"	11 1/2"	7 13/32"
9-10"	12 1/2"	7 13/16"
11-12"	13 1/2"	8 7/32"
13-14"	14 1/2"	8 5/8"
15-16"	15 1/2"	9 1/16"
17-18"	16 1/2"	9 7/16"
19-20"	17 1/2"	9 7/8"
21-22"	18 1/2"	10 9/32"
23-24"	19 1/2"	10 23/32"
25-26"	20 1/2"	11 1/8"
27-28"	21 1/2"	11 17/32"
29-30"	22 1/2"	11 31/32"
31-32"	23 1/2"	12 3/8"
33-34"	24 1/2"	12 25/32"
35-36"	25 1/2"	13 3/16"
37-38"	26 1/2"	13 11/16"
39-40"	27 1/2"	14 1/32"
41-42"	28 1/2"	14 15/32"
43-44"	29 1/2"	14 27/32"
45-46"	30 1/2"	15 1/4"
47-48"	31 1/2"	15 11/16"

## 90° ELBOW

### Part No. 90L

The 90° Elbow is used when making a 90° directional change. The 90° elbow is available in sizes 5" through 24". For a 90° directional change in diameters from 25" through 48" use two 45° elbows.

Includes 1 inner and 1 outer band.

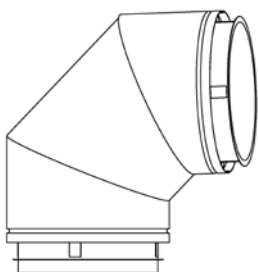


Part No. 90L	
I.D.	A
5-6"	9 11/16"
7-8"	10 7/8"
9-10"	11 7/16"
11-12"	12 11/16"
13-14"	13 7/8"
15-16"	15 1/16"
17-18"	15 11/16"
19-20"	16 7/8"
21-22"	17 1/2"
23-24"	18 11/16"

## 88° ELBOW

### Part No. 88L

The 88° Elbow is used with the 2° Elbow to create the correct pitch to allow for condensate to flow to a stack drain.

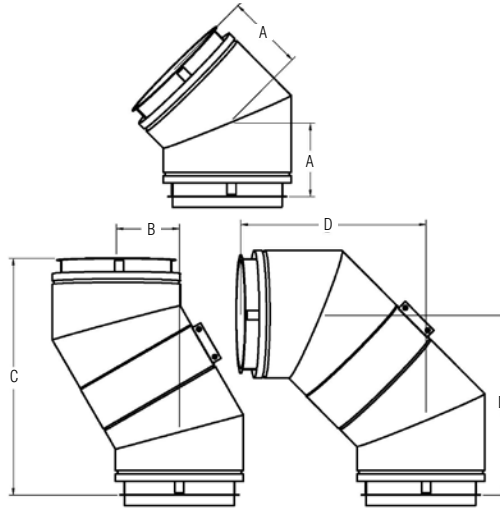


## 45° ELBOW

### Part No. 45L

The 45° Elbow is used when a vertical or horizontal direction change of 45° is desired.

Includes 1 inner and 1 outer band.



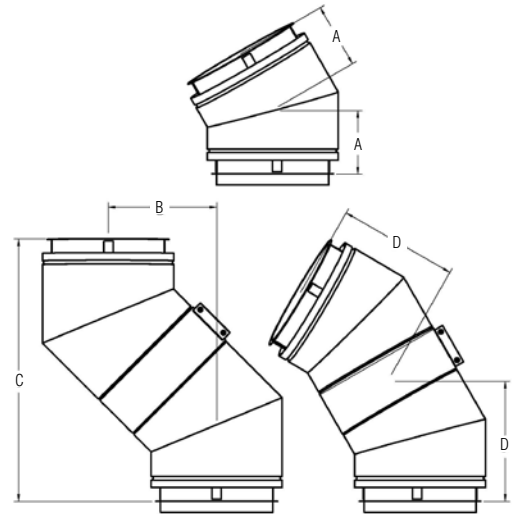
Part No. 45L				
I.D.	A	B	C	D
5-6"	7"	9 29/32"	23 29/32"	16 29/32"
7-8"	7 3/8"	10 7/16"	25 3/16"	17 13/16"
9-10"	7 3/16"	11 3/64"	26 43/64"	18 55/64"
11-12"	8 1/4"	11 43/64"	28 11/64"	19 59/64"
13-14"	8 5/8"	12 13/64"	29 29/64"	20 53/64"
15-16"	9 1/16"	12 13/16"	30 15/16"	21 7/8"
17-18"	9 1/2"	13 7/16"	32 7/16"	22 15/16"
19-20"	9 7/8"	13 31/32"	33 23/32"	23 27/32"
21-22"	10 5/16"	14 37/64"	35 13/64"	24 57/64"
23-24"	10 3/4"	15 13/64"	36 45/64"	25 61/64"
25-26"	11 1/8"	15 47/64"	37 63/64"	26 55/64"
27-28"	11 9/16"	16 23/64"	39 31/64"	27 59/64"
29-30"	11 15/16"	16 7/8"	40 3/4"	28 13/16"
31-32"	12 3/8"	17 1/2"	42 1/4"	29 7/8"
33-34"	12 3/4"	18 1/32"	43 17/32"	30 25/32"
35-36"	13 3/16"	18 21/32"	45 1/32"	31 27/32"
37-38"	13 5/8"	19 17/64"	46 33/64"	32 57/64"
39-40"	14"	19 51/64"	47 51/64"	33 51/64"
41-42"	14 7/16"	20 27/64"	49 19/64"	34 55/64"
43-44"	14 7/8"	21 1/32"	50 25/32"	35 29/64"
45-46"	15 1/4"	21 9/16"	52 1/16"	36 13/16"
47-48"	15 11/16"	22 3/16"	53 9/16"	37 7/8"

## 30° ELBOW

### Part No. 30L

The 30° Elbow is used when a vertical or horizontal direction change of 30° is desired.

Includes 1 inner and 1 outer band.



Part No. 30L				
I.D.	A	B	C	D
5-6"	6 1/8"	6 1/8"	22 55/64"	13 13/64"
7-8"	6 3/8"	6 3/8"	23 51/64"	13 47/64"
9-10"	6 5/8"	6 5/8"	24 23/32"	14 9/32"
11-12"	6 15/16"	6 15/16"	25 57/64"	14 61/64"
13-14"	7 3/16"	7 3/16"	26 53/64"	15 31/64"
15-16"	7 7/16"	7 7/16"	27 3/4"	16 1/32"
17-18"	7 3/4"	7 3/4"	28 59/64"	16 45/64"
19-20"	8"	8"	29 55/64"	17 15/64"
21-22"	8 1/4"	8 1/4"	30 51/64"	17 23/32"
23-24"	8 1/2"	8 1/2"	31 23/32"	18 5/16"
25-26"	8 3/4"	8 3/4"	32 21/32"	18 55/64"
27-28"	9 1/16"	9 1/16"	33 53/64"	19 17/32"
29-30"	9 5/16"	9 5/16"	34 3/4"	20 1/16"
31-32"	9 9/16"	9 9/16"	35 11/16"	20 39/64"
33-34"	9 7/8"	9 7/8"	36 55/64"	21 9/32"
35-36"	10 1/8"	10 1/8"	37 25/32"	21 13/16"
37-38"	10 3/8"	10 3/8"	38 23/32"	22 23/64"
39-40"	10 5/8"	10 5/8"	39 21/32"	22 57/64"
41-42"	10 15/16"	10 15/16"	40 13/16"	23 9/16"
43-44"	11 3/16"	11 3/16"	41 3/4"	24 7/64"
45-46"	11 1/2"	11 1/2"	42 59/64"	24 25/32"
47-48"	11 3/4"	11 3/4"	43 55/64"	25 5/16"

# SYSTEM COMPONENTS

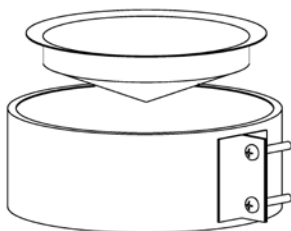
CUSTOM DIMENSIONS ARE AVAILABLE TO SUIT YOUR NEEDS IN EVEN AND ODD SIZES

## END CAP

### Part No. EC

The End Cap is used to close an unused tee opening and to provide a means of accessing the interior of the system for inspection and cleaning.

Includes 1 inner band.

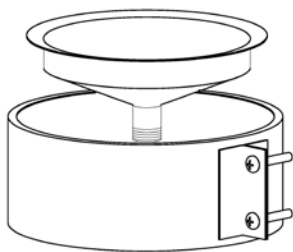


## DRAIN TEE CAP

### Part No. DTC

The Drain Tee Cap is used to close an unused tee opening and to provide a drain at the base of a vertical vent.

Includes 1 inner band.

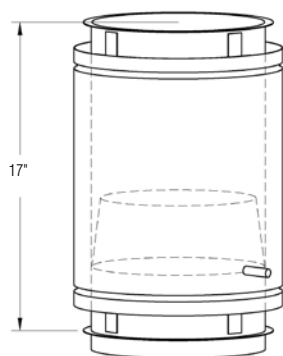


## DRAIN SECTION

### Part No. DS

The Drain Section is used to drain rain water and condensation from within the stack. The NPT nipple should be connected to a suitable drain.

Includes 1 inner and 1 outer band.

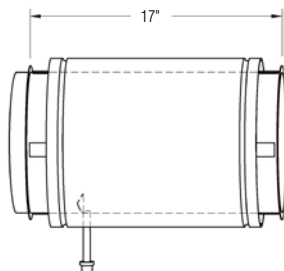


## HORIZONTAL DRAIN

### Part No. HD

The Horizontal Drain is used to drain rain water and condensation from within the stack. The NPT nipple should be connected to a suitable drain.

Includes 1 inner and 1 outer band.

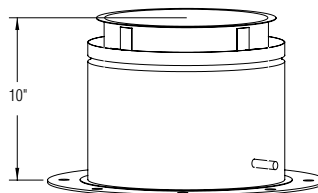


## BASE DRAIN SECTION

### Part No. BD

The Base Drain Section provides a bottom closure and drain attachment for base supported vents.

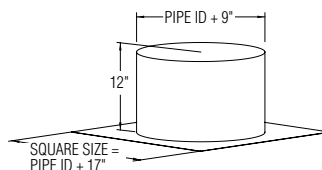
Includes 1 inner and 1 outer band.



## FLASHING

### Part No. FL

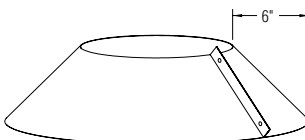
The Flashing is used in conjunction with the rain collar to seal roof penetrations. This part is designed for flat roofs. Custom pitched flashings are available upon request.



## RAIN COLLAR

### Part No. RC

The Rain Collar is used in conjunction with the flashing to seal roof penetrations.

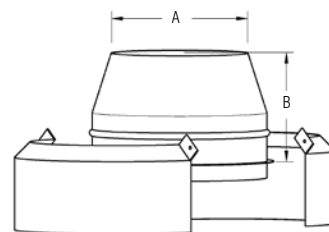


## EXIT CONE

### Part No. EXC

The Exit Cone is used to increase the flue gas velocity exiting the stack. A drain should be used at the base of stacks to remove any water that enters the stack.

Includes 1 inner band and 1 closure ring to seal outer shell joint.

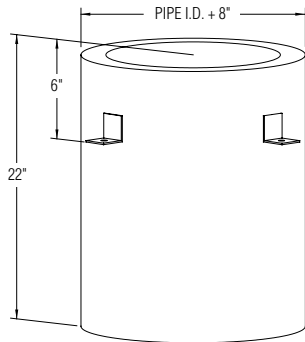


Part No. EXC		
I.D.	A	B
6"	4 <sup>7</sup> / <sub>8</sub> "	5 <sup>3</sup> / <sub>8</sub> "
8"	6 <sup>1</sup> / <sub>2</sub> "	6 <sup>1</sup> / <sub>8</sub> "
10"	8 <sup>1</sup> / <sub>8</sub> "	6 <sup>3</sup> / <sub>4</sub> "
12"	9 <sup>3</sup> / <sub>4</sub> "	7 <sup>1</sup> / <sub>2</sub> "
14"	11 <sup>3</sup> / <sub>8</sub> "	8 <sup>1</sup> / <sub>8</sub> "
16"	13 <sup>1</sup> / <sub>8</sub> "	8 <sup>7</sup> / <sub>8</sub> "
18"	14 <sup>3</sup> / <sub>4</sub> "	9 <sup>1</sup> / <sub>2</sub> "
20"	16 <sup>3</sup> / <sub>8</sub> "	10 <sup>1</sup> / <sub>4</sub> "
22"	18"	10 <sup>7</sup> / <sub>8</sub> "
24"	19 <sup>5</sup> / <sub>8</sub> "	11 <sup>5</sup> / <sub>8</sub> "
26"	21 <sup>1</sup> / <sub>4</sub> "	12 <sup>1</sup> / <sub>4</sub> "
28"	22 <sup>7</sup> / <sub>8</sub> "	13"
30"	24 <sup>1</sup> / <sub>2</sub> "	13 <sup>5</sup> / <sub>8</sub> "
32"	26 <sup>1</sup> / <sub>8</sub> "	14 <sup>3</sup> / <sub>8</sub> "
34"	27 <sup>3</sup> / <sub>4</sub> "	15"
36"	29 <sup>3</sup> / <sub>8</sub> "	15 <sup>3</sup> / <sub>4</sub> "
38"	31"	16 <sup>3</sup> / <sub>8</sub> "
40"	32 <sup>5</sup> / <sub>8</sub> "	17 <sup>1</sup> / <sub>8</sub> "
42"	34 <sup>1</sup> / <sub>4</sub> "	17 <sup>3</sup> / <sub>4</sub> "
44"	35 <sup>7</sup> / <sub>8</sub> "	18 <sup>1</sup> / <sub>2</sub> "
46"	37 <sup>1</sup> / <sub>2</sub> "	19 <sup>1</sup> / <sub>8</sub> "
48"	39 <sup>1</sup> / <sub>4</sub> "	19 <sup>3</sup> / <sub>4</sub> "

## INSULATED THIMBLE

### Part No. IT

The Insulated Thimble is used when penetrating a combustible wall or roof. This part is designed for flat roofs. Custom pitched thimbles are available upon request.

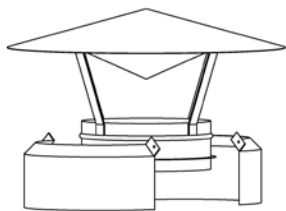


## RAIN CAP

### Part No. CC

The Rain Cap is used at stack terminations to prevent water from entering the flue. A drain should be used at the base of stacks to drain off water that may be blown into the flue.

Includes 1 inner band and 1 closure ring to seal outer shell joint.

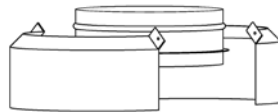


## TOP SECTION

### Part No. TS

The Top Section is used to protect the insulating space between the inner and outer shells when an open termination is required. A drain should be used at the base of stacks to drain off water that enters the system.

Includes 1 inner band and shell joint.

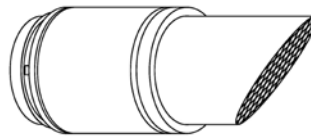


## HORIZONTAL TERMINATION

### Part No. HT

The Horizontal Termination is used when the stack terminates in a horizontal position. Birdscreen covers the opening to prevent any birds or rodents from entering.

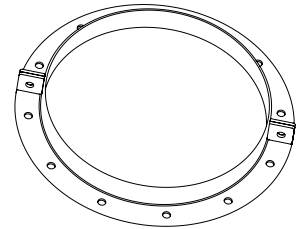
Includes 1 inner and 1 outer band.



## FULL RING

### Part No. FR

The Full Ring is used to guide horizontal and vertical runs. The part is simply bolted around the outer shell then rigidly connected to the building structure.



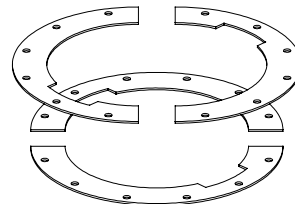
## GUY SECTION

### Part No. GS

The Guy Section is to be used when the chimney extends beyond the vertical limits above the roof line. The guy section should be connected to guy wires or a rigid guying structure.

Includes 1 inner band and 2 half outer bands.

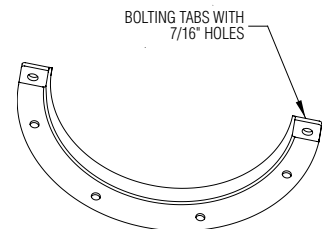
Note: This part must be placed at the connection of two flue sections.



## HALF RING

### Part No. HR

The Half Ring is used to support long horizontal runs, placed under the flue and then supported by rods connecting to the building structure.



# SYSTEM COMPONENTS

CUSTOM DIMENSIONS ARE AVAILABLE TO SUIT YOUR NEEDS IN EVEN AND ODD SIZES

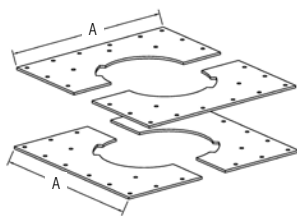
## SUPPORT PLATE

### Part No. SP

The Support Plate is the primary load carrying member of the vent assembly. This part is designed to support (B) (See Chart Below) feet of vertical vent section as well as provide fixed points in breaching runs.

Includes 1 inner band and 2 half outer bands.

Note: This part must be placed at the connection of two flue sections.



Part No. SP		
I.D.	A	B(FT)
5-6"	19 <sup>3</sup> / <sub>16</sub> "	403'
7-8"	21 <sup>3</sup> / <sub>16</sub> "	389'
9-10"	23 <sup>3</sup> / <sub>16</sub> "	375'
11-12"	25 <sup>3</sup> / <sub>16</sub> "	361'
13-14"	27 <sup>3</sup> / <sub>16</sub> "	347'
15-16"	29 <sup>3</sup> / <sub>16</sub> "	334'
17-18"	31 <sup>3</sup> / <sub>16</sub> "	320'
19-20"	34 <sup>3</sup> / <sub>16</sub> "	306'
21-22"	36 <sup>3</sup> / <sub>16</sub> "	292'
23-24"	38 <sup>3</sup> / <sub>16</sub> "	278'
25-26"	40 <sup>3</sup> / <sub>16</sub> "	264'
27-28"	42 <sup>3</sup> / <sub>16</sub> "	250'
29-30"	44 <sup>3</sup> / <sub>16</sub> "	236'
31-32"	46 <sup>3</sup> / <sub>16</sub> "	222'
33-34"	48 <sup>3</sup> / <sub>16</sub> "	208'
35-36"	50 <sup>3</sup> / <sub>16</sub> "	195'
37-38"	52 <sup>3</sup> / <sub>16</sub> "	181'
39-40"	54 <sup>3</sup> / <sub>16</sub> "	167'
41-42"	56 <sup>3</sup> / <sub>16</sub> "	153'
43-44"	58 <sup>3</sup> / <sub>16</sub> "	139'
45-46"	60 <sup>3</sup> / <sub>16</sub> "	125'
47-48"	62 <sup>3</sup> / <sub>16</sub> "	111'

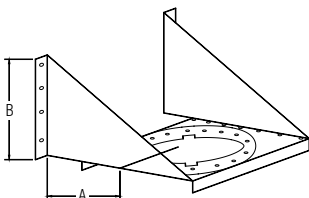
## WALL SUPPORT

### Part No. WS

The Wall Support is used to provide vent support along a wall. The wall support will maintain the required clearance to combustible structures when properly installed and can support (C) (See Chart Below) feet of vertical chimney.

Includes 1 inner band and 2 half outer bands.

Note: This part must be placed at the connection of two flue sections.

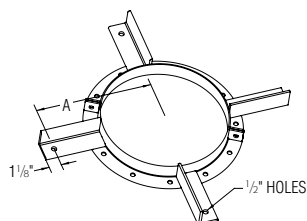


Part No. WS			
I.D.	A	B	C(FT)
5-6"	11"	12 <sup>3</sup> / <sub>8</sub> "	193'
7-8"	13"	14 <sup>3</sup> / <sub>8</sub> "	171'
9-10"	14"	15 <sup>3</sup> / <sub>4</sub> "	164'
11-12"	15"	17 <sup>1</sup> / <sub>16</sub> "	153'
13-14"	17"	19 <sup>1</sup> / <sub>16</sub> "	148'
15-16"	18"	20 <sup>7</sup> / <sub>16</sub> "	140'
17-18"	20"	22 <sup>1</sup> / <sub>2</sub> "	134'
19-20"	21"	24 <sup>1</sup> / <sub>8</sub> "	129'
21-22"	23"	26 <sup>3</sup> / <sub>16</sub> "	123'
23-24"	24"	27 <sup>1</sup> / <sub>2</sub> "	119'
25-26"	26"	29 <sup>1</sup> / <sub>2</sub> "	113'
27-28"	27"	30 <sup>7</sup> / <sub>8</sub> "	108'
29-30"	29"	32 <sup>7</sup> / <sub>8</sub> "	103'
31-32"	30"	34 <sup>1</sup> / <sub>4</sub> "	120'
33-34"	32"	36 <sup>1</sup> / <sub>4</sub> "	114'
35-36"	33"	37 <sup>5</sup> / <sub>8</sub> "	88'
37-38"	35"	39 <sup>9</sup> / <sub>16</sub> "	81'
39-40"	36"	40 <sup>15</sup> / <sub>16</sub> "	77'
41-42"	38"	42 <sup>15</sup> / <sub>16</sub> "	73'
43-44"	39"	44 <sup>5</sup> / <sub>16</sub> "	68'
45-46"	44"	47"	64'
47-48"	45"	49 <sup>11</sup> / <sub>16</sub> "	60'

## FLOOR/ROOF GUIDE

### Part No. FRG

The Floor/Roof Guide is used at the penetration of floors and roofs to guide the vent. This part is designed to absorb lateral loads only. It will not support vertical vent sections.

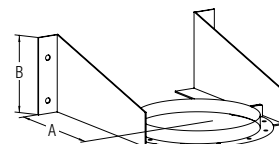


Part No. FRG	
I.D.	A
5"	8 <sup>7</sup> / <sub>8</sub> "
6"	9 <sup>3</sup> / <sub>8</sub> "
7-8"	10 <sup>3</sup> / <sub>8</sub> "
9-10"	11 <sup>3</sup> / <sub>8</sub> "
11-12"	12 <sup>3</sup> / <sub>8</sub> "
13-14"	13 <sup>3</sup> / <sub>8</sub> "
15-16"	14 <sup>3</sup> / <sub>8</sub> "
17-18"	15 <sup>3</sup> / <sub>8</sub> "
19-20"	16 <sup>3</sup> / <sub>8</sub> "
21-22"	17 <sup>3</sup> / <sub>8</sub> "
23-24"	18 <sup>3</sup> / <sub>8</sub> "
25-26"	19 <sup>3</sup> / <sub>8</sub> "
27-28"	20 <sup>3</sup> / <sub>8</sub> "
29-30"	21 <sup>3</sup> / <sub>8</sub> "
31-32"	22 <sup>3</sup> / <sub>8</sub> "
33-34"	23 <sup>3</sup> / <sub>8</sub> "
35-36"	24 <sup>3</sup> / <sub>8</sub> "
37-38"	25 <sup>3</sup> / <sub>8</sub> "
39-40"	26 <sup>3</sup> / <sub>8</sub> "
41-42"	27 <sup>3</sup> / <sub>8</sub> "
43-44"	28 <sup>3</sup> / <sub>8</sub> "
45-46"	29 <sup>3</sup> / <sub>8</sub> "
47-48"	30 <sup>3</sup> / <sub>8</sub> "

## WALL GUIDE

### Part No. WG

The Wall Guide is used to guide long vertical runs that are placed adjacent to walls. This part will maintain proper clearance to combustibles when properly installed.



Part No. WG		
I.D.	A	B
5-6"	11"	7 <sup>13</sup> / <sub>16</sub> "
7-8"	13"	8 <sup>1</sup> / <sub>2</sub> "
9-10"	14"	8 <sup>5</sup> / <sub>8</sub> "
11-12"	15"	9"
13-14"	17"	9 <sup>7</sup> / <sub>16</sub> "
15-16"	18"	9 <sup>3</sup> / <sub>4</sub> "
17-18"	20"	10 <sup>1</sup> / <sub>4</sub> "
19-20"	21"	10 <sup>9</sup> / <sub>16</sub> "
21-22"	23"	11 <sup>1</sup> / <sub>8</sub> "
23-24"	24"	11 <sup>5</sup> / <sub>16</sub> "
25-26"	26"	11 <sup>7</sup> / <sub>8</sub> "
27-28"	27"	12 <sup>1</sup> / <sub>8</sub> "
29-30"	29"	12 <sup>11</sup> / <sub>16</sub> "
31-32"	30"	12 <sup>15</sup> / <sub>16</sub> "
33-34"	32"	13 <sup>1</sup> / <sub>2</sub> "
35-36"	33"	13 <sup>11</sup> / <sub>16</sub> "
37-38"	35"	14 <sup>5</sup> / <sub>16</sub> "
39-40"	36"	14 <sup>1</sup> / <sub>2</sub> "
41-42"	38"	15 <sup>1</sup> / <sub>16</sub> "
43-44"	39"	15 <sup>5</sup> / <sub>16</sub> "
45-46"	44"	16 <sup>11</sup> / <sub>16</sub> "
47-48"	45"	16 <sup>7</sup> / <sub>8</sub> "

## eVent™ WEIGHT CHART

		Inside Diameter (Inches)																											
		6"	8"	10"	12"	14"	16"	18"	20"	22"	24"	26"	28"	30"	32"	34"	36"	38"	40"	42"	44"	46"	48"						
17" Straight Section	17S	18 lbs.	21	25	29	32	36	39	43	47	50	54	58	61	77	81	85	103	108	113	118	123	128						
35" Straight Section	35S	25 lbs.	26	29	33	38	42	46	50	55	59	63	67	72	90	95	100	121	126	132	138	144	150						
30 Degree Elbow	30L	8 lbs.	10	12	15	18	20	23	26	30	33	36	40	44	47	51	67	85	91	98	105	112	119						
45 Degree Elbow	45L	9 lbs.	11	14	17	20	24	27	31	35	40	44	49	54	59	64	85	108	116	125	135	144	154						
45 Degree Tee	45LT	18 lbs.	26	34	43	53	64	76	88	102	117	133	150	168	186	205	283	356	388	422	457	493	531						
47" Straight Section	47S	23 lbs.	30	36	43	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
71" Straight Section	71S	50 lbs.	52	58	66	76	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-						
90 Degree Elbow	90L	12 lbs.	17	23	30	38	46	55	65	76	88	-	-	-	-	-	-	-	-	-	-	-	-						
90 Degree Tee	90T	15 lbs.	19	25	31	37	44	52	60	68	77	87	97	107	118	130	176	221	240	259	280	301	322						
Abrupt Increaser	AI	7 lbs.	8	10	11	13	15	16	18	20	21	23	24	26	28	29	31	39	41	43	45	47	49						
Base Drain	BD	12 lbs.	15	17	20	23	26	28	31	34	37	39	42	45	48	51	59	72	76	79	83	87	90						
Boiler Kit Flanged	BKF	7 lbs.	8	10	11	13	15	16	18	20	21	23	24	26	28	29	31	39	41	43	45	47	49						
Boiler Kit Raw	BKR	4 lbs.	5	6	7	8	8	9	10	11	12	13	14	15	15	16	17	25	26	27	29	30	31						
Drain Section	DS	11 lbs.	14	17	20	23	26	29	32	35	37	40	43	46	49	52	66	83	87	91	95	99	103						
Drain Tee Cap	DTC	5 lbs.	6	7	8	9	11	12	14	16	18	20	22	25	27	30	39	51	55	59	64	69	74						
End Cap	EC	4 lbs.	5	6	7	8	10	11	13	15	17	19	21	24	26	29	38	50	54	58	63	68	73						
Fan Adapter	FA	7 lbs.	8	10	11	13	15	16	18	20	21	23	24	26	28	29	31	39	41	43	45	47	49						
Flashing	FL	11 lbs.	12	13	15	16	18	19	21	22	24	25	27	29	30	32	34	35	37	39	40	42	44						
Floor/Roof Guide	FRG	10 lbs.	10	11	12	15	16	17	18	19	24	25	27	27	30	30	32	33	34	35	36	38	39						
Full Ring	FR	3 lbs.	4	5	6	9	10	11	12	13	18	19	21	21	24	24	26	27	28	29	30	32	33						
Guy Section	GS	9 lbs.	11	13	14	16	18	20	22	23	25	27	29	31	32	34	36	42	44	46	48	50	52						
Half Ring	HR	2 lbs.	2	3	3	5	5	6	6	7	9	10	11	11	12	12	13	14	14	15	15	16	17						
Horizontal Drain	HD	11 lbs.	14	17	20	23	26	29	32	35	37	40	43	46	49	52	66	83	87	91	95	99	103						
Insulated Thimble	IT	20 lbs.	22	25	28	31	33	36	39	42	44	47	50	52	55	58	61	63	66	69	72	74	77						
Nozzle Section	NS	11 lbs.	14	17	20	23	26	29	32	35	37	40	43	46	49	52	66	83	87	91	95	99	103						
Rain Cap	CC	9 lbs.	11	13	16	18	21	24	27	31	34	37	41	45	52	57	65	73	79	86	92	99	105						
Rain Collar	RC	4 lbs.	5	5	6	6	7	7	8	8	9	9	10	10	11	11	12	12	13	13	14	14	15						
Support Plate	SP	31 lbs.	36	42	47	53	58	64	70	76	99	107	114	122	130	138	146	186	196	206	217	227	238						
Tapered Increaser	TI	13 lbs.	16	20	23	27	30	33	37	40	44	47	50	54	57	61	78	97	102	106	111	116	121						
Top Section	TS	3 lbs.	4	5	5	6	7	8	9	9	10	11	12	12	13	14	17	21	22	23	24	25	26						
Variable Section	VS	23 lbs.	30	36	43	49	56	62	68	75	81	88	94	101	107	113	148	181	190	199	209	218	227						
Wall Guide	WG	14 lbs.	17	19	21	26	28	31	34	37	44	48	50	53	57	60	62	66	69	73	75	85	87						
Wall Support	WS	51 lbs.	61	73	84	97	108	124	138	156	186	206	222	244	262	285	304	360	381	416	439	477	501						

All weights shown above are actual weights. for shipping weights multiply by 1.25

## SAMPLE SPECIFICATION - eVent™

The factory built modular vent shall be laboratory tested and listed in accordance with Underwriters Laboratories Standard UL 1738 for use with category II, III, & IV appliances with a maximum flue gas temperature of 550°F and ULC-S636-95 for gas vent - BH, Class I / Class II 245°C.

Product must have UL pressure rating of 40" w.c. Product to have leak free guarantee for three (3) years and lifetime time product warranty backed by the manufacture. Vent sections shall be sealed with ½" banded flanges and factory applied gasket for temperatures up to 600°F with a UL tested pressure rating of 40" w.c.

Inner shell material shall be type AL 29-4C® or 316L stainless steel. Inner shell thickness shall be .024" (24 ga. eVent™) and .036" (20 ga. eVent™ PLUS) for 5" to 48" diameter systems. All inner shell seams shall be full penetration welded. Riveted, tack or spot welded seams are not permitted.

Outer shell material shall be 430 stainless steel with a thickness of .028" for 5" to 48" diameter systems. Optional outer shell material can be aluminized steel or 304 or 316 stainless steel. All outer shell seams shall be full penetration welded the entire length of the pipe section. Riveted, tack or spot welded seams are not permitted.

Between the inner and outer shells there shall be a minimum 1" air gap. Stainless steel centering clips shall be welded to the outer shell to maintain the 1" spacing and ensure concentricity of the shells.

Breeching and vent sections, when installed according to manufacturer's instructions, shall comply with national safety standards and building codes. Stacks terminating above a roof must terminate as required by code or NFPA 211.

## eVent™ LIFETIME WARRANTY

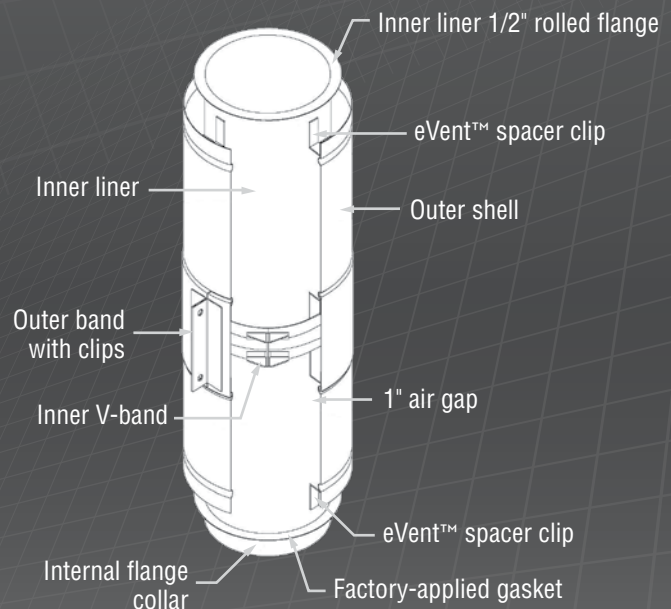
The Schebler Company warrants eVent™ model products installed in UL 1738 condensing applications against defects in material and workmanship for the entire duration the product is incorporated and used in its original installation when said product is properly installed per Schebler's design and current installation instructions or specifications, and is properly connected to a code compliant venting system for category IV appliances. This warranty is subject to all terms and conditions described in The Schebler Company's Standard Terms and Conditions of Sale.

The Schebler Company will, at its sole discretion, either repair or replace any defective product covered by this Limited Warranty at no charge, provided however Buyer shall be responsible for all costs of removal, shipping, and reinstallation of the product. Furthermore, this warranty does not apply to any system component not manufactured by Schebler Company and installed as part of the UL system. Repair or replacement of products provided under this Limited Warranty are similarly warranted for the remainder of the original warranty term.

This limited warranty is extended solely to the original owner subject to the satisfaction of the following conditions:

- 1) System sizing and design has been performed by Schebler personnel and the design parameters provided to The Schebler Company by the responsible engineer were and are accurately representative of the system operating conditions.
- 2) The undamaged components have been correctly installed in accordance with Schebler system design and sizing, and installation instructions published by The Schebler Company.
- 3) All horizontal breeching in the system is properly pitched back toward the appliances to allow condensate to flow to, and be removed by, horizontal drains, drain sections, drain tee caps and/or base drain sections.
- 4) The Schebler Company has supplied the entire vent system from connection to the appliance to the termination of the vent.
- 5) Any portion of the system exposed to the atmosphere has an outer shell constructed of stainless steel.

The Schebler Company makes no other warranty, whether expressed or implied. This warranty shall be the sole and exclusive remedy of any Buyer, whether in contract, tort or otherwise. UNDER NO CIRCUMSTANCES SHALL THE SCHEBLER COMPANY BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGE, OR COMMERCIAL LOSS OR FROM ANY OTHER LOSS OR DAMAGE EXCEPT AS SET FORTH HEREIN. The Schebler Company assumes no liability for any damages resulting in whole or part from misuse, improper installation, or inadequate maintenance of the system or component part thereof, nor assumes or authorizes any other person or entity to assume on its behalf any other liability in connection with the sale of its products.



P 800.391.0009 • 563.359.0110  
5665 FENNO RD  
BETTENDORF, IOWA 52722  
WWW.SCHEBLERCHIMNEY.COM