



eVent™ SW

**SINGLE WALL
HIGH EFFICIENCY
APPLIANCE VENT**



Underwriters
Laboratories Inc.®
LISTED

SUPERIOR SYSTEM DESIGN

eVent™ SW DualSeal™ with RapidLock™ Connection System is a modular single 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™ SW is a single wall product that is UL listed utilizing either AL 29-4C® or 316L inner liner providing exceptional corrosive resistance meeting appliance manufactures warranty requirements.

LISTINGS AND VENTING APPLICATIONS

The Schebler eVent™ SW 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™ SW is a single 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 THICKNESS

The standard material thickness for liners is 24 ga. (.024"). Pipe diameters 36" and larger utilize 18 ga. (.048").

SUPPORT LIMITS

Support plates and wall supports are utilized to support the weight of the chimney and to provide a fixed point to allow proper operation of expansion joints. 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**

OPERATING TEMPERATURES AND CLEARANCES CHART

eVent™ SW has 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. Clearances are from the shell to combustibles per the chart below. Clearance to non-combustible materials for all diameters and applications is 0" (0mm).

Inside Dia.	Systems Terminating Vertically	Systems Terminating Horizontally
5-8"	2" (51mm)	2" (51mm)
9-12"	3" (76mm)	3" (76mm)
13-16"	4" (102mm)	4" (102mm)
17-20"	5" (127mm)	5" (127mm)
21-24"	6" (152mm)	6" (152mm)
25-28"	7" (178mm)	7" (178mm)
29-32"	8" (203mm)	8" (203mm)
33-36"	9" (229mm)	9" (229mm)
37-40"	10" (254mm)	10" (254mm)
41-44"	11" (279mm)	11" (279mm)
45-48"	12" (305mm)	12" (305mm)

PART NUMBERS

All standard parts manufactured by Schebler are identified by a part number which describes their make up and function.

The part numbers are made up as follows:

1. The first series is the model designation, ESW .
2. This is followed by the part name. For example 35S, 90T and CC.
3. Next is the part's internal diameter in inches, such as 06, 12, 24.
4. Last is the material designation.

For example the part number for an 8" ID, Model ESW, 35" long straight section with an AL 29-4C® stainless steel liner is: ESW-35S-08T.

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.



SYSTEM COMPONENTS

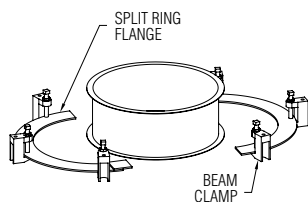
CUSTOM DIMENSIONS ARE AVAILABLE TO SUIT YOUR NEEDS IN EVEN AND ODD SIZES

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.



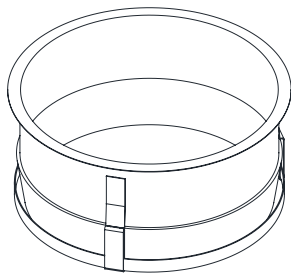
Most high efficient category IV appliances have adapters that are specific to that make and model. Consult with your local Schebler distributor to verify your appliances needs.

ADAPTER KIT (UNIVERSAL)

Part No. UNAK

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

Includes 1 inner band.

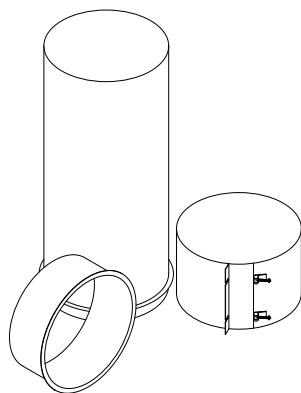


VARIABLE LENGTH SECTION

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 and 1 securing collar.



STRAIGHT SECTION

AL 29-4C® Inner Liner

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"

316L Inner Liner

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

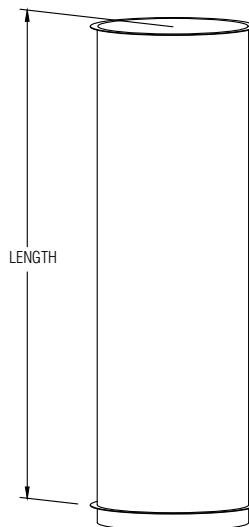
Standard lengths are as follows:

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.

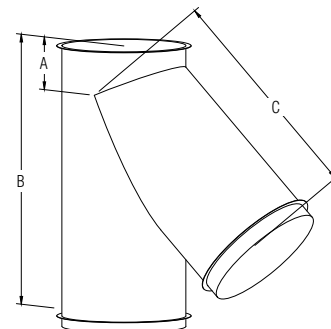


45° LATERAL TEE

Part No. 45LT

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

Includes 2 inner bands.



Part No. 45LT / R45LT

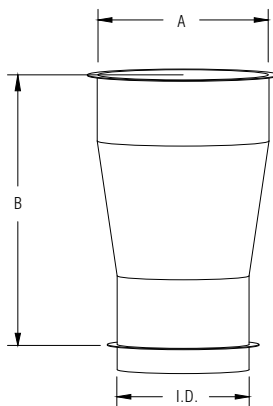
I.D.	A	B	C
5-6"	4 ⁷ / ₈ "	18 ³ / ₈ "	13 ¹ / ₂ "
7-8"	5 ¹ / ₄ "	21"	15 ³ / ₄ "
9-10"	5 ¹¹ / ₁₆ "	23 ⁷ / ₈ "	18 ³ / ₁₆ "
11-12"	6 ¹ / ₁₆ "	26 ¹¹ / ₁₆ "	20 ⁹ / ₁₆ "
13-14"	6 ¹ / ₂ "	29 ¹ / ₂ "	23"
15-16"	6 ¹⁵ / ₁₆ "	32 ⁵ / ₁₆ "	25 ⁷ / ₁₆ "
17-18"	7 ⁵ / ₁₆ "	35 ³ / ₁₆ "	27 ¹³ / ₁₆ "
19-20"	7 ³ / ₄ "	38"	30 ¹ / ₄ "
21-22"	8 ³ / ₁₆ "	40 ¹³ / ₁₆ "	32 ¹¹ / ₁₆ "
23-24"	8 ⁹ / ₁₆ "	43 ⁵ / ₈ "	35 ¹ / 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"	13 ¹ / ₈ "	74 ³ / ₄ "	61 ⁵ / ₈ "
47-48"	13 ⁹ / ₁₆ "	77 ⁹ / ₁₆ "	64 ¹ / ₁₆ "

TAPERED INCREASER

Part No. TI

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

Includes 1 inner 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"	~	~	~	~	~	~	~	~

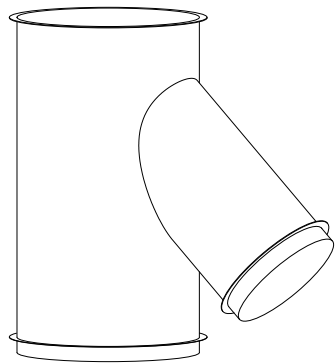
Available in odd sizes.
Call for odd diameter taper increaser information.

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 inner band for larger and smaller opening.

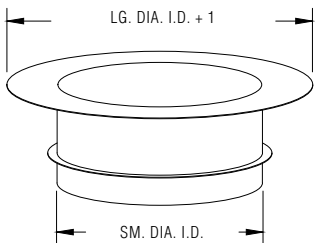


ABRUPT INCREASER

Part No. AI

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

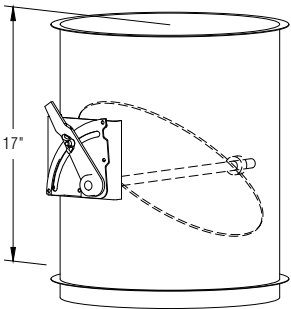
Includes 1 inner band of larger and smaller sizes.



INLINE DAMPER SECTION

Part No. IDS

The Inline Damper Section is utilized to control the draft at or near the appliance connection. This component is manufactured with a locking hand quadrant as shown, or it can be supplied with a flat plate in order to mount an actuator.



SYSTEM COMPONENTS

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

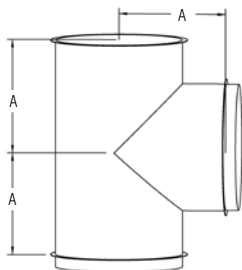
90° TEE

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.

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



Part No. 90T / R90T

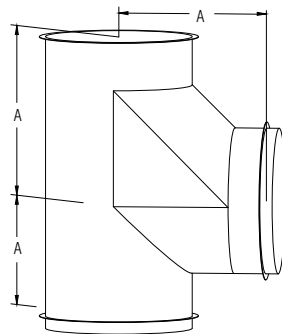
I.D.	A
5"	6 1/2"
6"	7"
7"	7 1/2"
8"	8"
9"	8 1/2"
10"	9"
11"	9 1/2"
12"	10"
13"	10 1/2"
14"	11"
15"	11 1/2"
16"	12"
18"	13"
20"	14"
22"	15"
24"	16"
26"	17"
28"	18"
30"	19"
32"	20"
34"	21"
36"	22"
38"	23"
40"	24"
42"	25"
44"	26"
46"	27"
48"	28"

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.



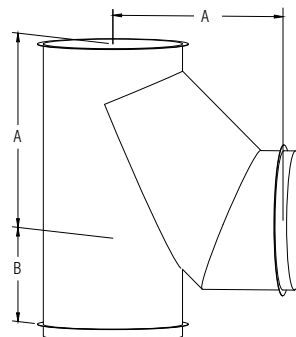
Part No. BT

I.D.	A	B
26"	20 1/2"	29 1/2"
28"	21 1/2"	30 1/2"
30"	22 1/2"	31 1/2"
32"	23 1/2"	32 1/2"
34"	24 1/2"	33 1/2"
36"	25 1/2"	34 1/2"
38"	26 1/2"	35 1/2"
40"	27 1/2"	36 1/2"
42"	28 1/2"	37 1/2"
44"	29 1/2"	38 1/2"
46"	30 1/2"	39 1/2"
48"	31 1/2"	40 1/2"

REDUCING 90° TEE

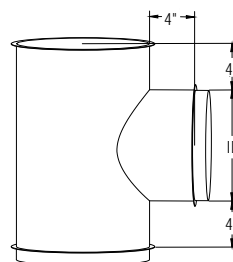
Part No. R90T

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.



I.D.	A	B
5"	10 5/16"	6 1/2"
6"	11 3/16"	7"
8"	13 1/16"	8"
10"	14 7/8"	9"
12"	16 11/16"	10"
14"	18 1/2"	11"
16"	20 3/8"	12"
18"	22 3/16"	13"
20"	24"	14"
22"	25 13/16"	15"
24"	27 11/16"	16"

Includes 1 inner band for larger and smaller opening.

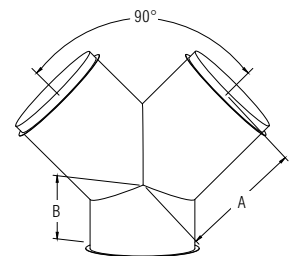


90° WYE

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.



Part No. 90Y

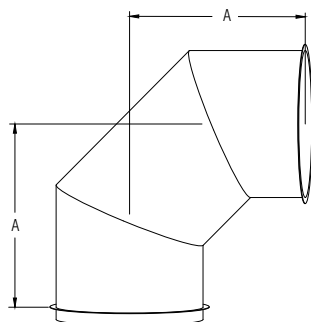
I.D.	A	B
5-6"	10 1/2"	7"
7-8"	11 1/2"	7 13/32"
9-10"	12 1/2"	7 13/16"
11-12"	13 1/2"	8 7/32"
13-14"	14 1/2"	8 5/8"
15-16"	15 1/2"	9 1/16"
17-18"	16 1/2"	9 7/16"
19-20"	17 1/2"	9 7/8"
21-22"	18 1/2"	10 9/32"
23-24"	19 1/2"	10 23/32"
25-26"	20 1/2"	11 1/8"
27-28"	21 1/2"	11 17/32"
29-30"	22 1/2"	11 31/32"
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 band.



Part No. 90L

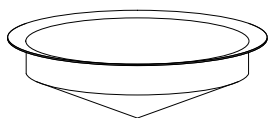
I.D.	A
5-6"	9 11/16"
7-8"	10 7/8"
9-10"	11 7/16"
11-12"	12 11/16"
13-14"	13 7/8"
15-16"	15 1/16"
17-18"	15 11/16"
19-20"	16 7/8"
21-22"	17 1/2"
23-24"	18 11/16"

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.

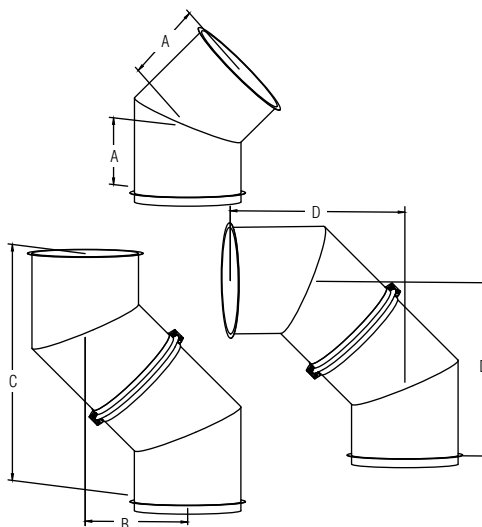


45° ELBOW

Part No. 45L

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

Includes 1 inner band.



Part No. 45L

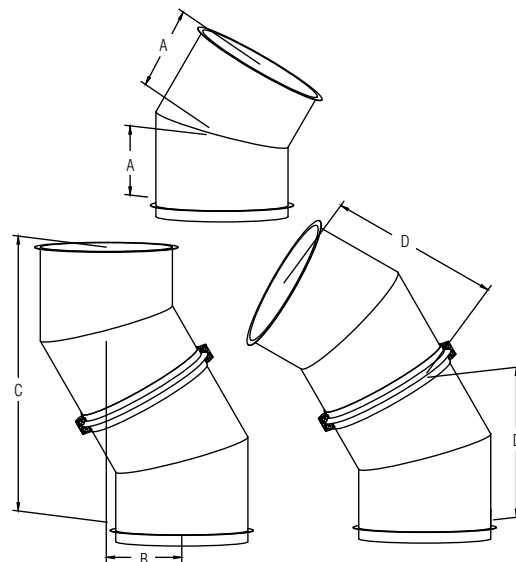
I.D.	A	B	C	D
5-6"	7"	9 29/32"	23 29/32"	16 29/32"
7-8"	7 3/8"	10 7/16"	25 3/16"	17 13/16"
9-10"	7 3/16"	11 3/64"	26 43/64"	18 55/64"
11-12"	8 1/4"	11 43/64"	28 11/64"	19 59/64"
13-14"	8 5/8"	12 13/64"	29 29/64"	20 53/64"
15-16"	9 1/16"	12 13/16"	30 15/16"	21 7/8"
17-18"	9 1/2"	13 7/16"	32 7/16"	22 15/16"
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 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

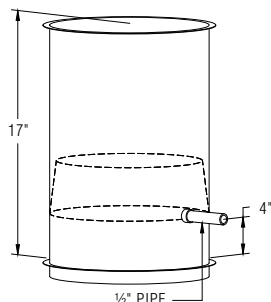
CUSTOM DIMENSIONS ARE AVAILABLE TO SUIT YOUR NEEDS IN EVEN AND ODD SIZES

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 band.

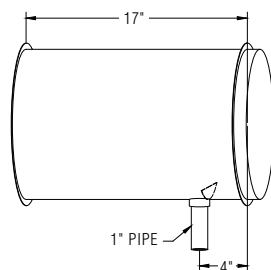


HORIZONTAL DRAIN

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 band.

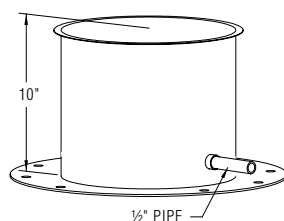


BASE DRAIN SECTION

Part No. BD

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

Includes 1 inner band.

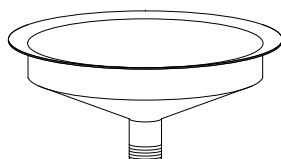


DRAIN TEE CAP

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 chimney.

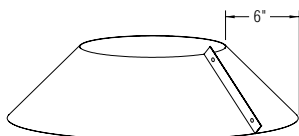
Includes 1 inner band.



RAIN COLLAR

Part No. RC

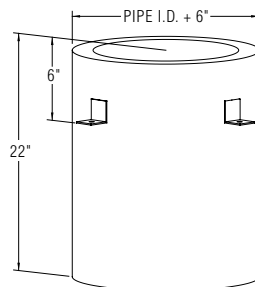
The Rain Collar is used in conjunction with the Flashing to seal roof penetrations.



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.

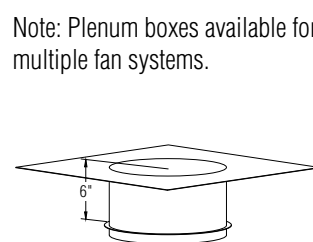


FAN ADAPTER

Part No. FA

The Fan Adapter is used to attach grease duct to an exhaust fan or kitchen hood.

Includes 1 inner band.

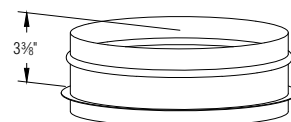


TOP SECTION

Part No. TS

The Top Section is used 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.

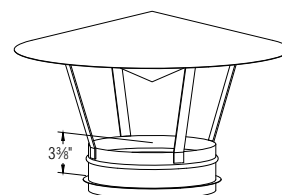


RAIN CAP

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.

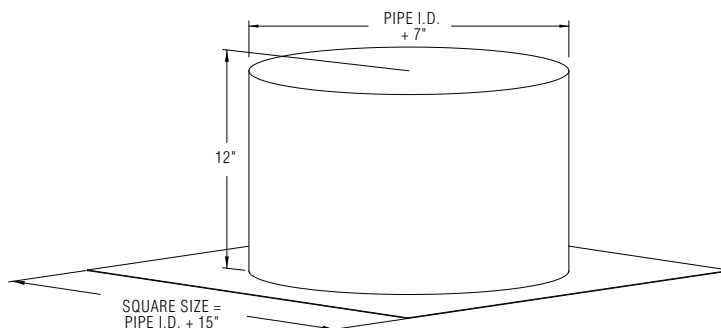
Includes 1 inner band.



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.

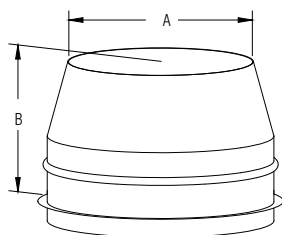


EXIT CONE

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.



Part No. EXC

I.D.	A	B
6"	4 ⁷ / ₈ "	5 ³ / ₈ "
8"	6 ¹ / ₂ "	6 ¹ / ₈ "
10"	8 ¹ / ₈ "	6 ³ / ₄ "
12"	9 ³ / ₄ "	7 ¹ / ₂ "
14"	11 ³ / ₈ "	8 ¹ / ₈ "
16"	13 ¹ / ₈ "	8 ⁷ / ₈ "
18"	14 ³ / ₄ "	9 ¹ / ₂ "
20"	16 ³ / ₈ "	10 ¹ / ₄ "
22"	18"	10 ⁷ / ₈ "
24"	19 ⁵ / ₈ "	11 ⁵ / ₈ "
26"	21 ¹ / ₄ "	12 ¹ / ₄ "
28"	22 ⁷ / ₈ "	13"
30"	24 ¹ / ₂ "	13 ⁵ / ₈ "
32"	26 ¹ / ₈ "	14 ³ / ₈ "
34"	27 ³ / ₄ "	15"
36"	29 ³ / ₈ "	15 ³ / ₄ "
38"	31"	16 ³ / ₈ "
40"	32 ⁵ / ₈ "	17 ¹ / ₈ "
42"	34 ¹ / ₄ "	17 ³ / ₄ "
44"	35 ⁷ / ₈ "	18 ¹ / ₂ "
46"	37 ¹ / ₂ "	19 ¹ / ₈ "
48"	39 ¹ / ₄ "	19 ³ / ₄ "

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 band.

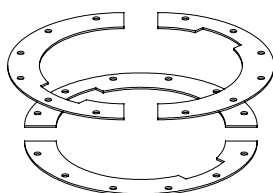


GUY SECTION

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.

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

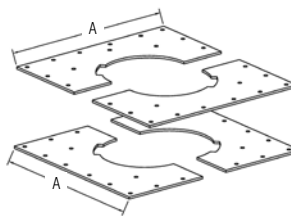


SUPPORT PLATE

Part No. SP

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

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



Part No. SP

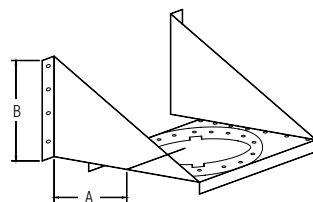
I.D.	A	B(FT)
5-6"	19 ³ / ₁₆ "	403'
7-8"	21 ³ / ₁₆ "	389'
9-10"	23 ³ / ₁₆ "	375'
11-12"	25 ³ / ₁₆ "	361'
13-14"	27 ³ / ₁₆ "	347'
15-16"	29 ³ / ₁₆ "	334'
17-18"	31 ³ / ₁₆ "	320'
19-20"	34 ³ / ₁₆ "	306'
21-22"	36 ³ / ₁₆ "	292'
23-24"	38 ³ / ₁₆ "	278'
25-26"	40 ³ / ₁₆ "	264'
27-28"	42 ³ / ₁₆ "	250'
29-30"	44 ³ / ₁₆ "	236'
31-32"	46 ³ / ₁₆ "	222'
33-34"	48 ³ / ₁₆ "	208'
35-36"	50 ³ / ₁₆ "	195'
37-38"	52 ³ / ₁₆ "	181'
39-40"	54 ³ / ₁₆ "	167'
41-42"	56 ³ / ₁₆ "	153'
43-44"	58 ³ / ₁₆ "	139'
45-46"	60 ³ / ₁₆ "	125'
47-48"	62 ³ / ₁₆ "	111'

WALL SUPPORT

Part No. WS

The Wall Support is used to provide chimney 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.

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 ³ / ₈ "	193'
7-8"	13"	14 ³ / ₈ "	171'
9-10"	14"	15 ³ / ₄ "	164'
11-12"	15"	17 ¹ / ₁₆ "	153'
13-14"	17"	19 ¹ / ₁₆ "	148'
15-16"	18"	20 ⁷ / ₁₆ "	140'
17-18"	20"	22 ¹ / ₂ "	134'
19-20"	21"	24 ¹ / ₈ "	129'
21-22"	23"	26 ³ / ₁₆ "	123'
23-24"	24"	27 ¹ / ₂ "	119'
25-26"	26"	29 ¹ / ₂ "	113'
27-28"	27"	30 ⁷ / ₈ "	108'
29-30"	29"	32 ⁷ / ₈ "	103'
31-32"	30"	34 ¹ / ₄ "	120'
33-34"	32"	36 ¹ / ₄ "	114'
35-36"	33"	37 ⁵ / ₈ "	88'
37-38"	35"	39 ⁹ / ₁₆ "	81'
39-40"	36"	40 ¹⁵ / ₁₆ "	77'
41-42"	38"	42 ¹⁵ / ₁₆ "	73'
43-44"	39"	44 ⁵ / ₁₆ "	68'
45-46"	44"	47"	64'
47-48"	45"	49 ¹¹ / ₁₆ "	60'

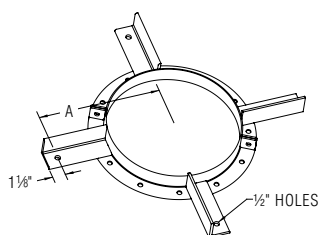
SYSTEM COMPONENTS

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

FLOOR / ROOF GUIDE

Part No. FRG

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

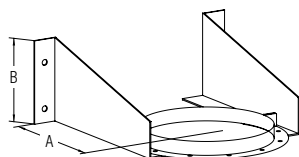


Part No. FRG	
I.D.	A
5-6"	9 3/8"
7-8"	10 3/8"
9-10"	11 3/8"
11-12"	12 3/8"
13-14"	13 3/8"
15-16"	14 3/8"
17-18"	15 3/8"
19-20"	16 3/8"
21-22"	17 3/8"
23-24"	18 3/8"
25-26"	19 3/8"
27-28"	20 3/8"
29-30"	21 3/8"
31-32"	22 3/8"
33-34"	23 3/8"
35-36"	24 3/8"
37-38"	25 3/8"
39-40"	26 3/8"
41-42"	27 3/8"
43-44"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

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.

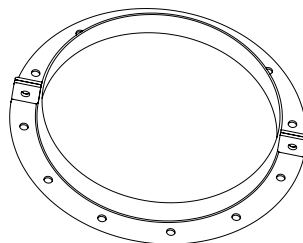


Part No. WG		
I.D.	A	B
5-6"	11"	7 13/16"
7-8"	13"	8 1/2"
9-10"	14"	8 5/8"
11-12"	15"	9"
13-14"	17"	9 7/16"
15-16"	18"	9 3/4"
17-18"	20"	10 1/4"
19-20"	21"	10 9/16"
21-22"	23"	11 1/8"
23-24"	24"	11 5/16"
25-26"	26"	11 7/8"
27-28"	27"	12 1/8"
29-30"	29"	12 11/16"
31-32"	30"	12 15/16"
33-34"	32"	13 1/2"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

FULL RING

Part No. FR

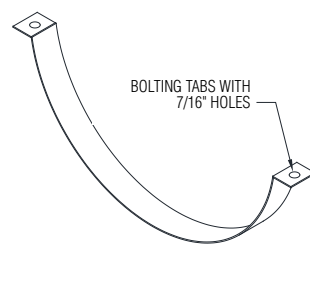
The Full Ring is used to guide horizontal and vertical runs. The part is simply bolted around the outer shell then rigidly connected to the building structure.



HANGER

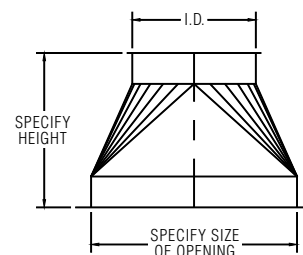
Part No. HG

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



SQUARE-TO-ROUND TRANSITIONS

The Square-to-Round Transitions are used when connecting to appliances with square or rectangular outlets. The base can be raw for field welding or flanged for field drilling and bolting.

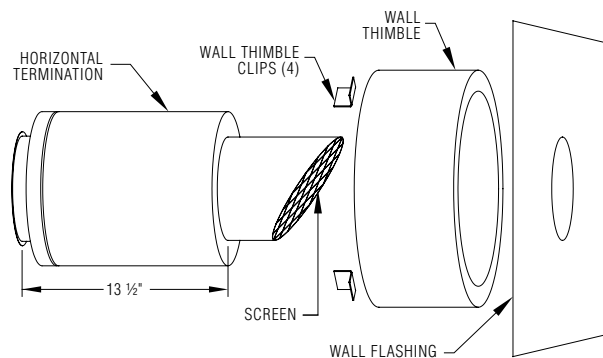


WALL TERMINATION

Part No. WT

The Wall Termination is used when a stack terminated in a horizontal position through a combustible wall. It includes a wall flashing, wall thimble, clips and horizontal termination.

Includes 1 inner band.



eVENT™ SW WEIGHT CHART

		Inside Diameter (Inches)																							
Part Description	Part No.	6"	8"	10"	12"	14"	16"	18"	20"	22"	24"	26"	28"	30"	32"	34"	36"	38"	40"	42"	44"	46"	48"		
11" Straight Section	11S	5 lbs.	6	8	9	10	11	13	14	15	16	17	19	20	21	22	29	36	37	39	41	43	45		
23" Straight Section	23S	12 lbs.	15	18	22	25	28	31	34	38	41	44	47	51	54	58	74	91	95	100	105	109	114		
30 Degree Elbow	30L	4 lbs.	5	6	8	9	10	12	18	15	17	18	20	22	24	26	34	43	46	49	53	56	60		
45 Degree Elbow	45L	5 lbs.	6	7	9	10	12	14	16	18	20	22	25	27	30	32	43	54	58	63	68	72	77		
45 Degree Tee	45LT	9 lbs.	13	17	22	27	32	38	44	51	59	67	75	84	93	103	142	173	194	211	229	247	266		
47" Straight Section	47S	12 lbs.	15	18	22	25	28	31	34	38	41	44	47	51	54	58	74	91	95	100	105	109	114		
59" Straight Section	59S	10 lbs.	19	23	26	30	34	38	42	46	50	-	-	-	-	-	-	-	-	-	-	-	-		
90 Degree Elbow	90L	6 lbs.	9	12	15	19	23	28	33	38	44	-	-	-	-	-	-	-	-	-	-	-	-		
90 Degree Tee	90T	15 lbs.	10	13	16	19	22	26	30	34	39	44	49	54	59	65	86	111	120	130	140	151	161		
90 Degree Boot Tee	BT	15 lbs.	10	13	16	19	22	26	30	34	39	44	49	54	59	65	86	111	120	130	140	151	161		
90 Degree Wye	90Y	13 lbs.	9	11	14	17	20	23	26	30	34	38	42	47	54	57	76	96	104	113	121	130	139		
Abrupt Increaser	AI	7 lbs.	4	5	6	7	8	8	9	10	11	12	12	13	14	15	16	20	21	22	23	24	25		
Base Drain	BD	12 lbs.	8	9	10	12	13	14	16	17	19	20	21	23	24	26	30	36	38	40	42	44	45		
Boiler Kit Flanged	BKF	7 lbs.	4	5	6	7	8	8	9	10	11	12	12	13	14	15	16	20	21	22	23	24	25		
Boiler Kit Raw	BKR	4 lbs.	3	3	4	4	4	5	5	6	6	7	7	8	8	9	13	13	14	15	15	16	16		
Drain Section	DS	11 lbs.	7	9	10	12	13	15	16	18	19	20	22	23	25	26	33	42	44	46	48	50	54		
Drain Tee Cap	DTC	5 lbs.	3	4	4	5	6	6	7	8	9	10	11	13	14	15	20	26	28	30	32	35	37		
End Cap	EC	4 lbs.	3	3	4	4	5	6	7	8	9	10	11	12	13	15	19	25	27	29	32	34	37		
Fan Adapter	FA	7 lbs.	4	5	6	7	8	8	9	10	11	12	12	13	14	15	16	20	21	22	23	24	25		
Flashing	FL	11 lbs.	6	7	8	8	9	10	11	11	12	13	14	15	15	16	17	18	19	20	20	21	22		
Floor/Roof Guide	FRG	10 lbs.	5	6	6	8	8	9	9	10	12	13	14	14	15	15	16	17	17	18	18	19	20		
Full Ring	FR	2 lbs.	2	3	3	5	5	6	6	7	9	10	11	11	12	12	13	14	14	15	15	16	17		
Guy Section	GS	5 lbs.	6	7	7	8	9	10	11	12	13	14	15	16	16	17	18	21	22	23	24	25	26		
Half Ring	HR	1 lbs.	1	2	2	3	3	3	3	4	5	5	6	6	6	6	7	7	7	8	8	8	9		
Horizontal Drain	HD	6 lbs.	7	9	10	12	13	15	16	18	19	20	22	23	25	26	33	42	44	46	48	50	52		
Insulated Thimble	IT	10 lbs.	11	13	14	16	17	18	20	21	22	24	25	26	28	29	31	32	33	35	36	37	39		
Nozzle Section	NS	6 lbs.	7	9	10	12	13	15	16	18	19	20	22	23	25	26	33	42	44	46	48	50	52		
Rain Cap	CC	10 lbs.	6	7	8	9	11	12	14	16	17	19	22	23	26	29	33	37	40	43	46	50	53		
Rain Collar	RC	2 lbs.	3	3	3	3	4	4	4	4	5	5	5	5	6	6	6	6	7	7	7	7	8		
Support Plate	SP	16 lbs.	18	21	24	27	29	32	35	38	50	54	57	61	65	69	73	93	98	103	109	114	119		
Tapered Increaser	TI	7 lbs.	8	10	12	14	15	17	19	20	22	24	25	27	29	31	39	49	51	53	56	108	111		
Top Section	TS	2 lbs.	2	3	3	3	4	4	5	5	5	6	6	6	7	7	9	11	11	12	12	13	13		
Variable Section	VS	12 lbs.	15	18	22	25	28	31	34	38	41	44	47	51	58	67	74	91	95	100	105	109	114		
17" Straight Section	17S	6 lbs.	6	7	8	9	10	11	12	12	14	15	16	17	20	20	21	22	23	25	27	28	30		
17" Variable Straight	17VS	6 lbs.	6	7	8	9	10	11	12	12	14	15	16	17	20	20	21	22	23	25	27	28	30		
Reducing 90 Degree Tee	R90T	15 lbs.	10	13	16	19	22	26	30	34	39	44	49	54	59	65	86	111	120	130	140	151	161		
Reducing 45 Degree Tee	R45LT	17 lbs.	12	16	19	21	24	29	32	37	41	46	52	57	61	67	90	115	125	136	146	157	169		
Wall Guide	WG	7 lbs.	9	10	11	13	14	16	17	18	22	24	25	27	29	30	31	33	35	37	38	43	44		
Wall Support	WS	26 lbs.	31	37	42	49	54	62	69	78	93	103	111	122	131	143	152	180	191	208	220	239	251		

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

SAMPLE SPECIFICATION - eVENT™ SW

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 by use of a ½" flange to flange with factor applied gasket design. Flanges to be coupled using RapidLock band system. No sealant is allowed for installation for the entire system allowing immediate start-up of appliance.

Inner shell material shall be type AL 29-4C® or 316L stainless steel. Inner shell thickness shall be .024" (24 ga.). All inner shell seams shall be full penetration welded. Riveted, tack or spot welded seams are not permitted.

All liner seams shall be full penetration welded the entire length of the pipe section. Riveted, tack or spot welded seams are not permitted.

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™ SW LIFETIME WARRANTY

The Schebler Company warrants eVent™ SW 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.

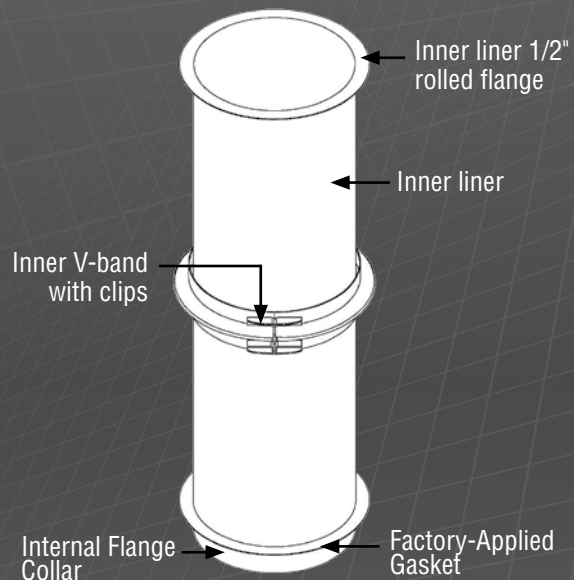
The Schebler Company will, at its sole discretion, either repair or replace any defective product covered by this Limited Warranty at no charge, provided however Buyer shall be responsible for all costs of removal, shipping, and reinstallation of the product. Furthermore, this warranty does not apply 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.

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.



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