VIP+

POSITIVE PRESSURE CHIMNEY

6" TO 24"

DOUBLE WALL – INSULATED

GENERAL INFORMATION

Industrial Chimney Company was established in 1991 by a small group of partners with over 75 years combined experience in the chimney industry. Our initial focus was on developing the best performing, easiest to install commercial/ industrial chimney on the market. The first line of product we developed, our Model VIP, satisfied both criteria so well that over the last 20+ years we have supplied thousands of systems to vent all manner of equipment from diesel stationary engines to high-efficiency boilers. Meanwhile our business has grown to become the largest chimney manufacturer in Canada with over 110,000 ft^2 and 200 employees, most with over 10 years of experience. Our factory runs 24 hours a day, twelve months a year. It is situated on over 20 acres of prime industrial property and is filled with the most sophisticated, state-of-the-art machinery available. Our focus on specialty hearth retailers has cemented our reputation as a leader in innovation both in the manner we build product and by the relationships we establish with our customers.

From the beginning our objective has been to engineer the best products possible. Our research and development laboratory is fully accredited by UL/ULC and Warnock Hersey. We employ many of the most talented engineers, technicians and designers in the industry. Our R&D efforts result in products that enable better, faster installations while generally requiring fewer parts. Our goal is to do everything possible to help our business partners supply and install only the best chimney for the end user.

We believe that our long-term accomplishments are tied to our commitment to people both inside and outside our company. While we continuously invest in machinery and processes, the most gratifying returns come from investing in people. Our greatest sense of accomplishment comes when we see an employee or customer achieve their personal or business goals. We continuously make major commitments in the promotion and funding of industry education.

We focus our efforts in four areas: We manufacture a full line of residential venting for a wide variety of applications including wood, pellet, gas and oil fired appliances. We manufacture a full line of built-in woodburning, high-efficiency, clean-burning fireplaces. We also build a line of clean-burning decorative fireplaces. Finally we manufacture a complete line of commercial and industrial venting for applications ranging from condensing vent, positive pressure stack, engine exhaust, natural draft chimney, and grease duct. Since the beginning, our residential, commercial, and industrial venting products have enabled us to secure a leadership role in each segment of the industry.

Thanks to the strong support of our agents, representatives, distributors, and retailers our strategy is working. We have grown dramatically over the last years.

The catalogue contains information on Model VIP+ Pressure Vent. We have done our best to ensure it is complete and up to date. If you have any questions or concerns regarding this or any other of our products please feel free to contact us directly. We will be pleased to assist you.

The ICC team

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REFER TO OUR WEBSITE FOR INSTALLATION INSTRUCTIONS, SUBMITTAL SHEET, AND OFFSET CALCULATOR AT:

www.icc-rsf.com/en/installation-instructions

VIP+ PRESSURE VENT

APPLICATIONS

VIP+ is a modular, double wall chimney system designed to vent positive pressure appliances. The prefabricated design has a sealed flue capable of containing pressure up to 60 inches of water column and is built to operate at continuous temperatures up to 1400˚F.

It is suitable to vent:

- Stationary engines such as generators or turbines
- Furnaces and boilers
- Industrial ovens and process equipment
- Combustion gasses or heated air
- Restaurant hoods

LISTINGS

VIP+ has the following certifications:

UL103	Pressure Listed: Standard for factory-built chimneys for residential-type and building heating appliances
UL1978	Standard for grease ducts
UL2561	Standard for high temp (1400°F) factory-built chimneys
ULC/ORD-C959	Standard for 540°C and 760°C industrial chimneys

CONSTRUCTION

FLUE:

A VIP+ length can have an inner liner made of either type 304 or 316 stainless steel.

CASING:

The outer casing can be made of type 304 stainless steel, 316 stainless steel, or Galvalume steel.

SEAMS:

The inner liner has a continuous butt-weld seam for a high degree of tolerance and a tight fit. The outer casing has an overlap resistance welded seam that is gas- and watertight.

SIZE:

The diameters available are 6, 8, 10, 12, 14, 16, 18, 20, 22 and 24 inches.

DOUBLE WALL OPTIONS:

- 1 inch wall air cooled
- 1 inch wall insulated
- 2 inch wall insulated
- 4 inch wall insulated

ENGINEERING

Upon request, our engineers will analyze schematic drawings and appliance data to determine the correct size and parts for any exhaust system. ICC will also provide an itemized and labeled drawing to help in the installation of the system.

INSTALLATION

VIP+ is designed with an overlapping male-female joint. Lengths align easily and seal tightly at all connections. Each length includes an inner locking band which provides structural strength and holds the assembled parts together. The inner locking band also encapsulates the sealant required for a leak-free system. This connection method greatly reduces labor, especially on the horizontal portion of the installation.

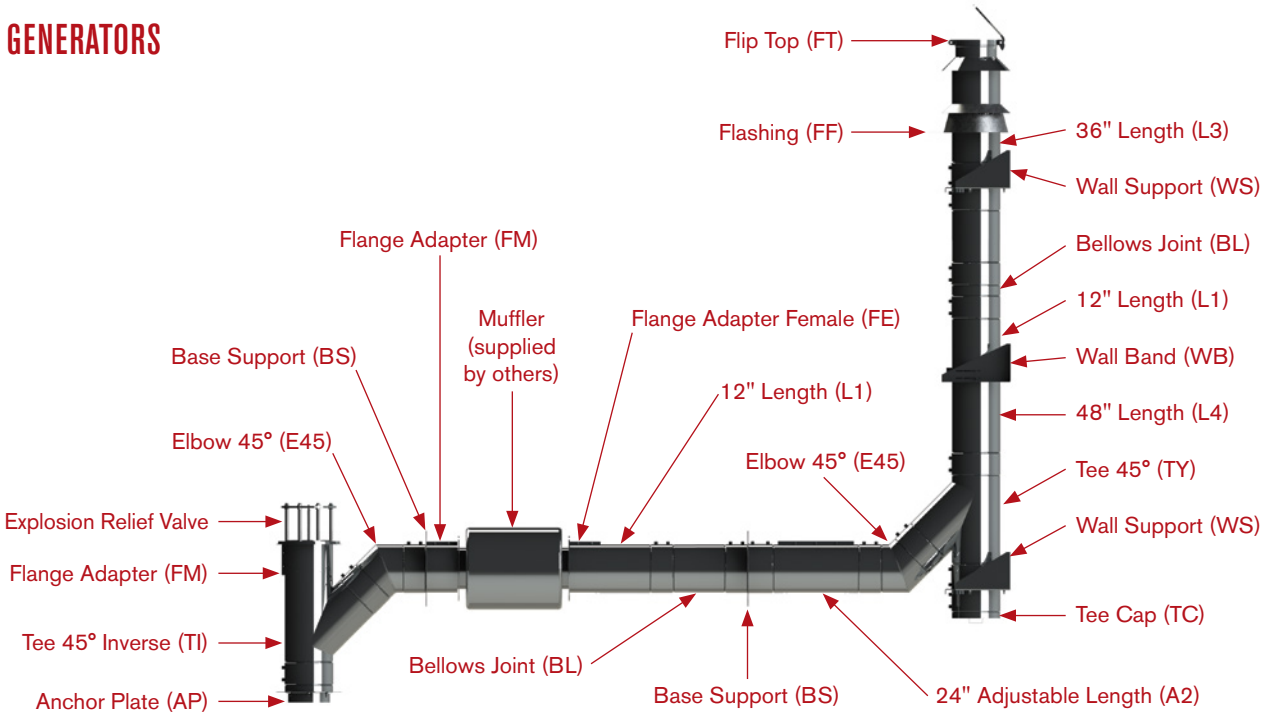
Access to the inner locking band is made possible by a 6-inch gap in the outer casing; an outer band bridges the gap. Insulated systems include a strip of insulation which must be installed inside the outer band.

Every component that is in contact with the flue gasses has the inner and outer locking band pre-installed. For insulated systems, an additional insulation wrap is included to fill the void.

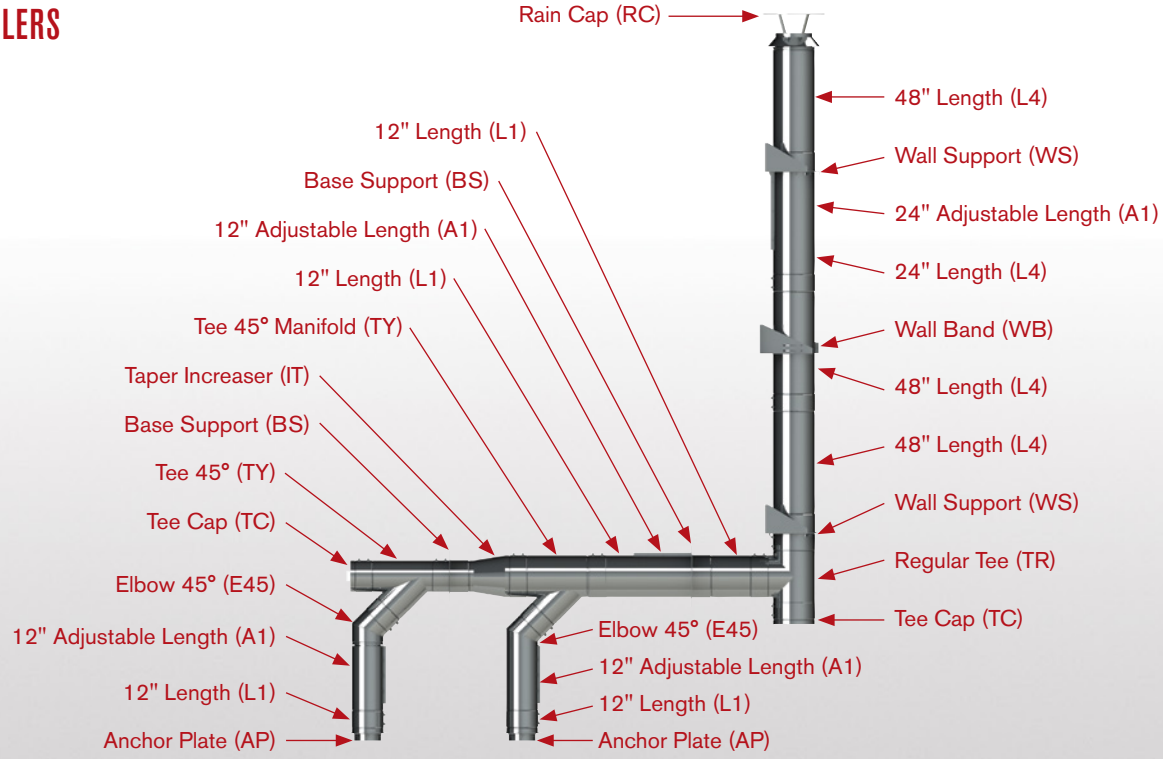
GENERAL ASSEMBLY AND PARTS REQUIREMENTS

DRAWING OF HORIZONTAL AND VERTICAL INSTALLATIONS.

GENERATORS



BOILERS



PART IDENTIFICATION:

Model VIP+ uses an alphanumeric code to identify the components as follows:

JC-08L1A24A241

The first two letters of the code identify the type of component by grouping.

- **JC** Lenghts
- **JE** Tees, Elbows and Tee Caps
- **JF** Flashings and Storm Collar
- **JM** Anchor Plates, Adapters, Supports, Increasers, Shields and Terminations

JC-**08**L1A24A241

The following two numbers identify the inside diameter of the vent in inches.
Available Diameters: **6**, **8**, **10**, **12**, **14**, **16**, **18**, **20**, **22** and **24**.

JC-08**L1**A26A261

The following two characters identify the component.

JC	L1	12" Length	JE	E3	Elbow 30°	JF	SC	Storm Collar	JM	GB	Guy Band Section
JC	L2	24" Length	JE	E4	Elbow 45°	JM	AP	Anchor Plate	JM	WS	Wall Support
JC	L3	36" Length	JE	E9	Elbow 90°	JM	AF	Female Anchor Plate	JM	CB	Rain Cap Base
JC	L4	48" Length	JE	TC	Tee Cap	JM	EC	Exit Cone	JM	RC	Rain Cap
JC	LE	Expansion Length	JE	TD	Drain Tee Cap	JM	MC	Miter Cut	JM	FT	Flip Top
JC	A1	12" Adjustable Length	JE	TR	Regular Tee	JM	IT	Tapered Increaser	JM	RV	Explosion Release Valve
JC	A2	24" Adjustable Length	JE	TY	Tee 45°	JM	SI	Step Increaser	JM	WB	Wall Band
JC	BJ	Bellows Joint	JE	TI	Tee 45° Inverse	JM	RT	Tapper Reducer	JM	HB	Horizontal Band
JC	D1	Vertical Drain	JE	TS	Saddle Tee	JM	BS	Base Support	JM	FG	Floor Guide
JC	D2	Horizotal Drain	JF	FF	Flat Flashing	JM	FD	Air Fan Adapter	JM	FS	Fire Stop
JC	NL	Nozzle Length	JF	FA	Flashing 1/12 - 7/12	JM	FM	Flange Adapter	JM	VS	Vented Fire Stop
JE	E1	Elbow 15°	JF	FB	Flashing 8/12 - 12/12	JM	FE	Female Flange Adapter	JM	RS	Radiation Shield

JC-08L1**A26**A261

The following characters identifies the inner flue casing material and gauge.

INNER FLUE	
A = SS 304	20 Gauge (0.035")
	24 Gauge (0.025")
	26 Gauge (0.019")
B = SS 316	20 Gauge (0.035")
	24 Gauge (0.025")

JC-08L1A26**A26**1

The following characters identifies the outer casing material and gauge.

OUTER CASING	
A = SS 304	20 Gauge (0.035")
	24 Gauge (0.025")
	26 Gauge (0.019")
B = SS 316	20 Gauge (0.035")
	24 Gauge (0.025")
	26 Gauge (0.019")
C = Galvalume	22 Gauge (0.035")
	24 Gauge (0.025")
	28 Gauge (0.019")

JC-08DL1A26A26**1**

The final number identifies the insulation thickness.

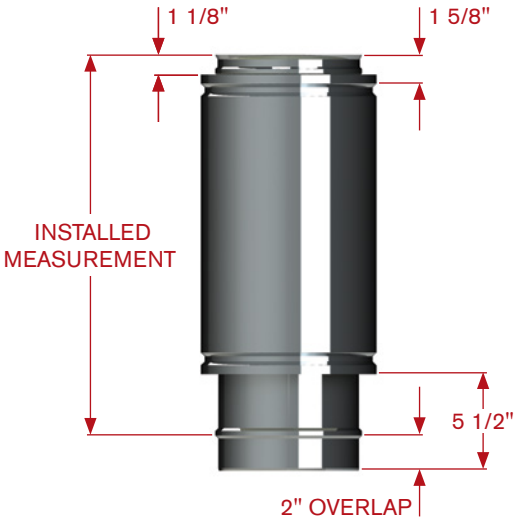
- **0** No insulation, 1 inch air space
- **1** 1 inch of insulation
- **2** 2 inches of insulation
- **4** 4 inches of insulation

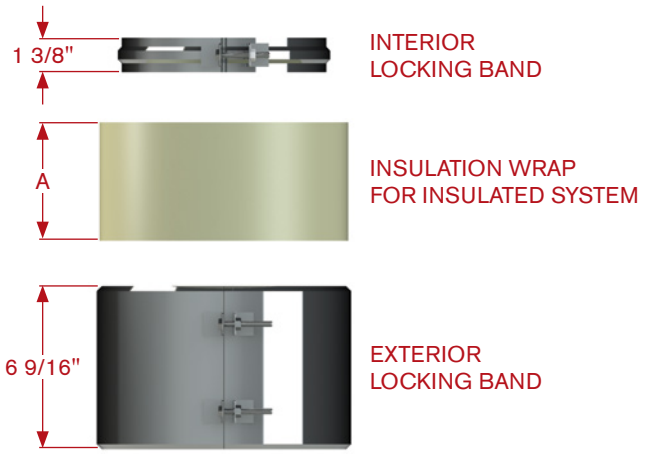
COMMON DIMENSIONS

COMMON DIMENSIONS:

The following dimensions are common to lengths, tees, elbows and increasers. The overlap is not factored in the installed length of the part.

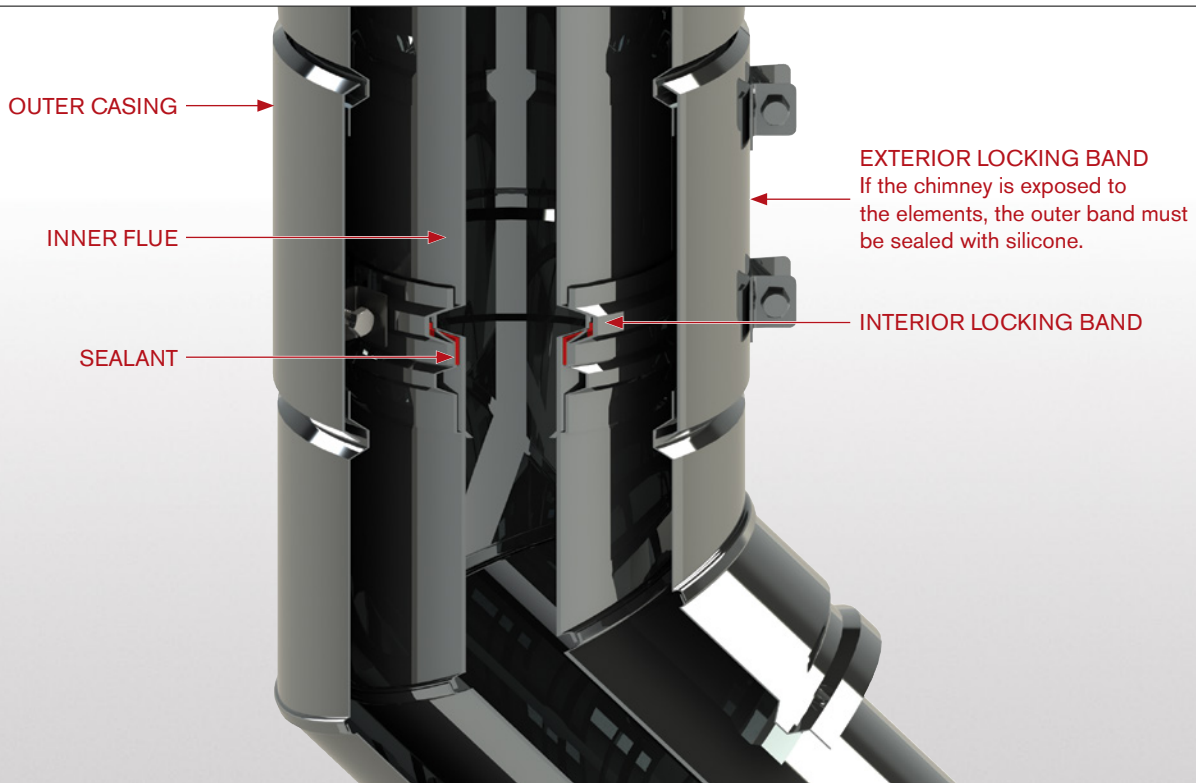
All available flue diameter sizes are in inches. Flue diameters: 6", 8", 10", 12", 14", 16", 18", 20", 22" and 24".





INSULATED 1": A = 4 3/4"
INSULATED 2" & 4": A = 5 3/8"

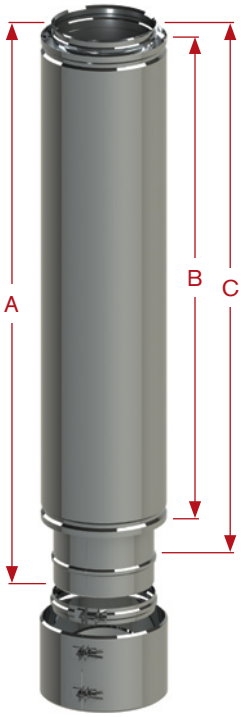
TYPICAL JOINT CONNEXION:



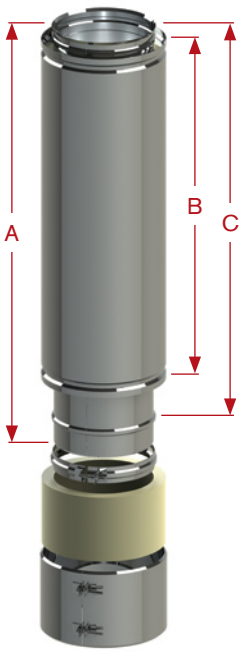
LENGTH (L1, L2, L3, L4)

Length: Straight lengths are the building blocks of VIP+. They are common to all applications and are available in 48", 36", 24" and 12" lengths.

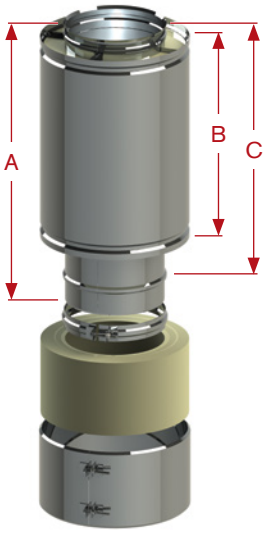
			AIR - 1" - 2" - 4"					
LENGTH			A FLUE MEASUREMENT		B CASING MEASUREMENT		C INSTALLED MEASUREMENT	
	Inch	mm	Inch	mm	Inch	mm	Inch	mm
JC-ØL1	12	305	11 3/4	298	5	127	9 3/4	248
JC-ØL2	24	610	23 3/4	603	17	432	21 3/4	552
JC-ØL3	36	914	36 3/4	933	29	737	33 3/4	857
JC-ØL4	48	1219	47 3/4	1213	41	1041	45 3/4	1162



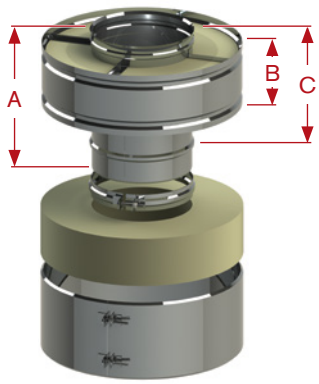
AIR
JC-ØL4...0



1" INSULATION
JC-ØL3...1



2" INSULATION
JC-ØL2...2



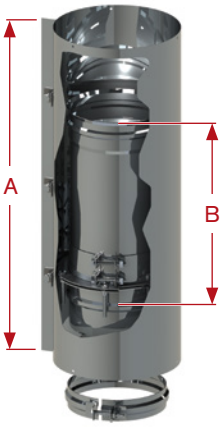
4" INSULATION
JC-ØL1...4

LENGTHS

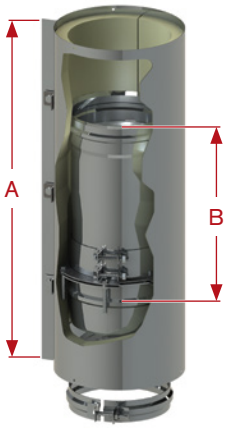
ADJUSTABLE LENGTH (A1)

Adjustable Length: Used when a non-standard length is required, such as to achieve an exact offset distance between elbows. Once adjusted to length, they are fixed and will not compensate for expansion.

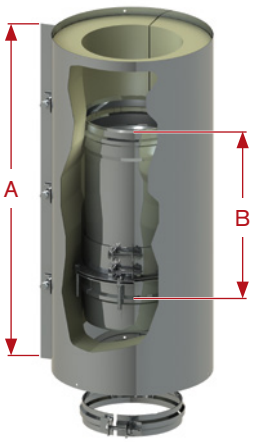
LENGTH	AIR - 1" - 2" - 4"			
	A CASING MEASUREMENT		B FLUE MEASUREMENT MIN - MAX	
	Inch	mm	Inch	mm
JC-ØA1...0	22 1/8	562	6 - 12	152 - 305
JC-ØA1...1	22 1/8	562	6 - 12	152 - 305
JC-ØA1...2	22 1/8	562	6 - 12	152 - 305
JC-ØA1...4	22 1/8	562	6 - 12	152 - 305



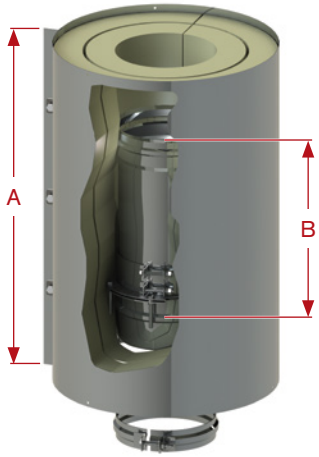
AIR
JC-ØA1...0



1" INSULATION
JC-ØA1...1



2" INSULATION
JC-ØA1...2

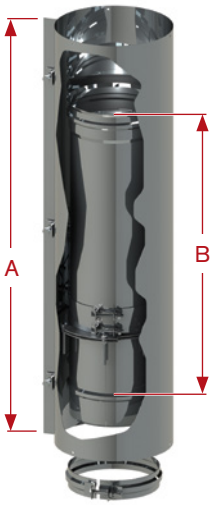


4" INSULATION
JC-ØA1...4

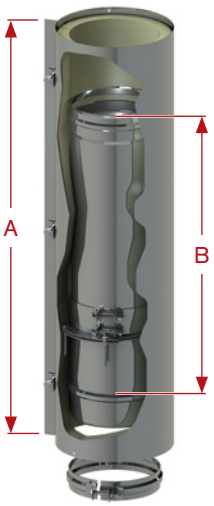
ADJUSTABLE LENGTH (A2)

Adjustable Length: Used when a non-standard length is required, such as to achieve an exact offset distance between elbows. Once adjusted to length, they are fixed and will not compensate for expansion.

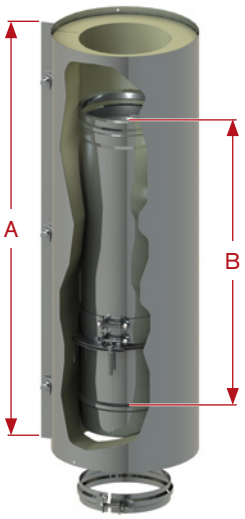
	AIR - 1" - 2" - 4"			
LENGTH	A CASING MEASUREMENT		B FLUE MEASUREMENT MIN - MAX	
	Inch	mm	Inch	mm
JC-ØA2...0	30	762	12 - 24	305 - 610
JC-ØA2...1	30	762	12 - 24	305 - 610
JC-ØA2...2	30	762	12 - 24	305 - 610
JC-ØA2...4	30	762	12 - 24	305 - 610



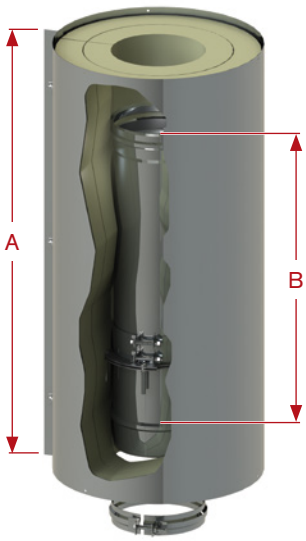
AIR
JC-ØA2...0



1" INSULATION
JC-ØA2...1



2" INSULATION
JC-ØA2...2



4" INSULATION
JC-ØA2...4

LENGTHS

AIR
JC-ØLE...0 shown
(JC-ØLE...1, JC-ØLE...2 and JC-ØLE...4 not shown)

EXPANSION LENGTH (LE)

Expansion Length: Similar to adjustable lengths. Expansion lengths are used when a non-standard length is required. Unlike adjustable lengths, expansion lengths provide expansion relief for low pressure applications.

AIR
JC-ØBJ...0 shown
(JC-ØBJ...1, JC-ØBJ...2 and JC-ØBJ...4 not shown)

BELLOWS JOINT (BJ)

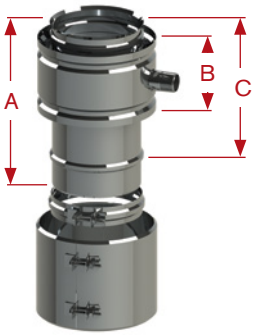
Bellows Joint: Provides relief from expansion which may be required in a high-temperature, high-pressure application (e.g. engine exhaust). The bellows joint is lined to reduce frictional losses.

Bellows joints on insulated systems are non-insulated except for the external locking band. Clearance must be no less then 18" to combustibles.

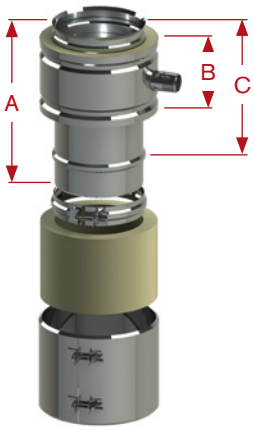
VERTICAL DRAIN SECTION (D1)

Vertical Drain Section: Installed in a vertical portion of a chimney system to remove excess rainwater from the vent. It is fitted with a 1" National Pipe Thread (NPT) nipple.

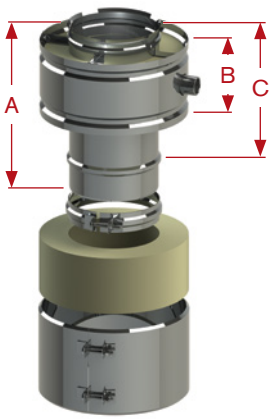
	AIR - 1" - 2" - 4"							
LENGTH			A FLUE MEASUREMENT		B CASING MEASUREMENT		C INSTALLED MEASUREMENT	
	Inch	mm	Inch	mm	Inch	mm	Inch	mm
JC-ØD1...0	12	305	11 3/4	298	5	127	9 3/4	248
JC-ØD1...1	12	305	11 3/4	298	5	127	9 3/4	248
JC-ØD1...2	12	305	11 3/4	298	5	127	9 3/4	248
JC-ØD1...4	12	305	11 3/4	298	5	127	9 3/4	248



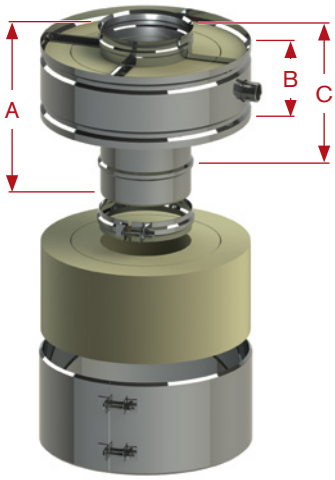
AIR
JC-ØD1...0



1" INSULATION
JC-ØD1...1



2" INSULATION
JC-ØD1...2



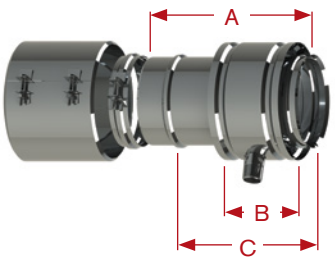
4" INSULATION
JC-ØD1...4

LENGTHS

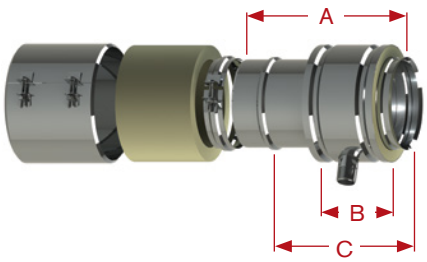
HORIZONTAL DRAIN SECTION (D2)

Horizontal Drain Section: Installed in a horizontal portion of a chimney system to remove excess rainwater from the vent. It is fitted with a 1" NPT nipple.

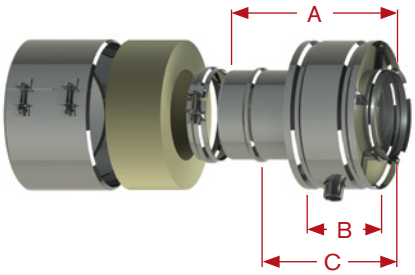
	AIR - 1" - 2" - 4"							
LENGTH			A FLUE MEASUREMENT		B CASING MEASUREMENT		C INSTALLED MEASUREMENT	
	Inch	mm	Inch	mm	Inch	mm	Inch	mm
JC-ØD2...0	12	305	11 3/4	298	5	127	9 3/4	248
JC-ØD2...1	12	305	11 3/4	298	5	127	9 3/4	248
JC-ØD2...2	12	305	11 3/4	298	5	127	9 3/4	248
JC-ØD2...4	12	305	11 3/4	298	5	127	9 3/4	248



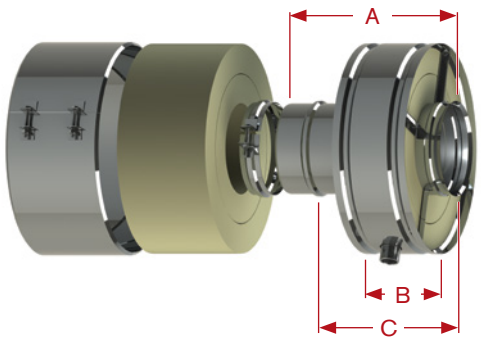
AIR
JC-ØD2...0



1" INSULATION
JC-ØD2...1



2" INSULATION
JC-ØD2...2

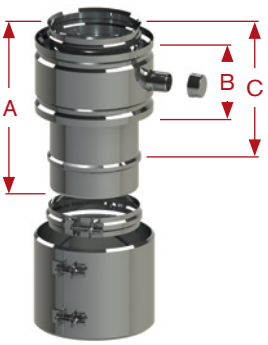


4" INSULATION
JC-ØD2...4

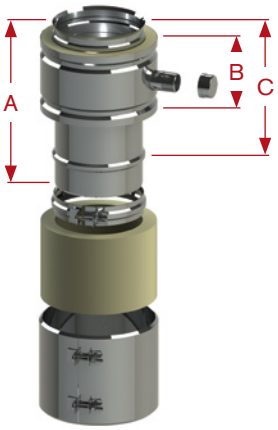
NOZZLE LENGTH (NL)

Nozzle Length: Installed when sampling is required in the vent. The sampling port is 3/4" NPT and includes a cap.

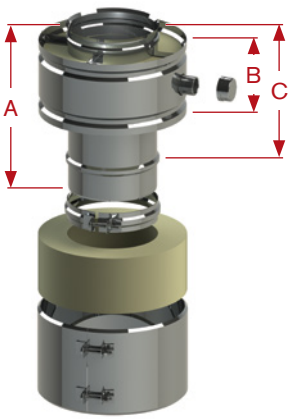
	AIR - 1" - 2" - 4"							
LENGTH			A FLUE MEASUREMENT		B CASING MEASUREMENT		C INSTALLED MEASUREMENT	
	Inch	mm	Inch	mm	Inch	mm	Inch	mm
JC-ØNL...0	12	305	11 3/4	298	5	127	9 3/4	248
JC-ØNL...1	12	305	11 3/4	298	5	127	9 3/4	248
JC-ØNL...2	12	305	11 3/4	298	5	127	9 3/4	248
JC-ØNL...4	12	305	11 3/4	298	5	127	9 3/4	248



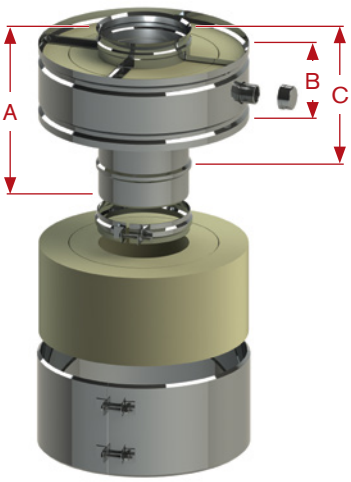
AIR
JC-ØNL...0



1" INSULATION
JC-ØNL...1



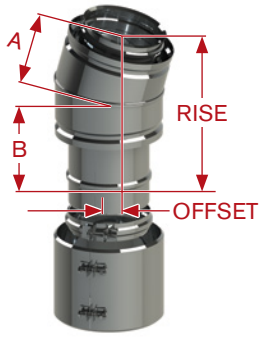
2" INSULATION
JC-ØNL...2



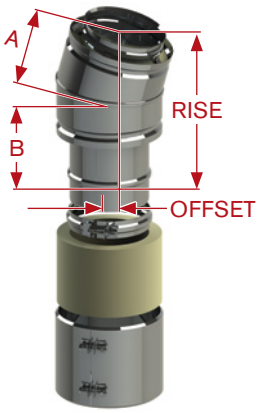
4" INSULATION
JC-ØNL...4

ELBOW - 15° (E1)

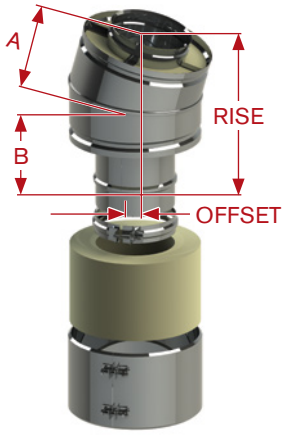
Elbow: Installed when a change in direction is required, either vertically or horizontally.



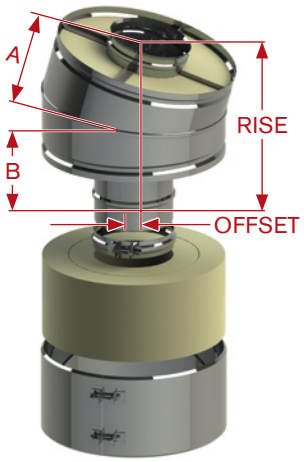
AIR
JE-ØE1...0



1" INSULATION
JE-ØE1...1



2" INSULATION
JE-ØE1...2



4" INSULATION
JE-Ø1...4

AIR / 1" INSULATION

Ø		OFFSET		RISE		A		B	
Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
6	152	1 1/4	32	12 1/8	308	3 15/16	100	7 3/16	183
8	203	1 5/16	33	12 3/8	314	4 1/16	103	7 3/8	187
10	254	1 5/16	33	12 5/8	321	4 3/16	106	7 1/2	191
12	305	1 3/8	35	12 7/8	327	4 5/16	110	7 5/8	194
14	356	1 3/8	35	13 1/8	333	4 7/16	113	7 3/4	197
16	406	1 7/16	37	13 3/8	340	4 9/16	116	7 7/8	200
18	457	1 7/16	37	13 5/8	346	4 3/4	121	8	203
20	508	1 1/2	38	13 15/16	354	4 7/8	124	8 1/8	206
22	559	1 9/16	40	14 3/16	360	5	127	8 1/4	210
24	610	1 9/16	40	14 7/16	367	5 1/8	130	8 3/8	213

2" INSULATION

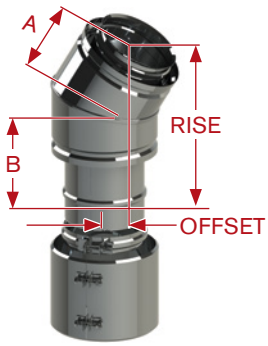
Ø		OFFSET		RISE		A		B	
Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
6	152	1 5/16	33	12 3/8	314	4 1/16	103	7 3/8	187
8	203	1 5/16	33	12 5/8	321	4 3/16	106	7 1/2	191
10	254	1 3/8	35	12 7/8	327	4 5/16	110	7 5/8	194
12	305	1 3/8	35	13 1/8	333	4 7/16	113	7 3/4	197
14	356	1 7/16	37	13 3/8	340	4 9/16	116	7 7/8	200
16	406	1 7/16	37	13 5/8	346	4 3/4	121	8	203
18	457	1 1/2	38	13 15/16	354	4 7/8	124	8 1/8	206
20	508	1 9/16	40	14 3/16	360	5	127	8 1/4	210
22	559	1 9/16	40	14 7/16	367	5 1/8	130	8 3/8	213
24	610	1 5/8	41	14 11/16	373	5 1/4	133	8 9/16	217

4" INSULATION

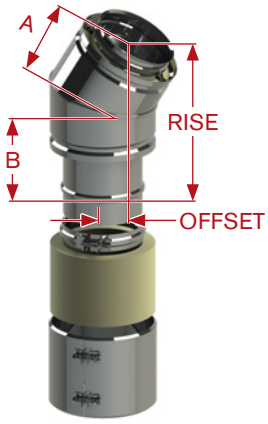
Ø		OFFSET		RISE		A		B	
Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
6	152	1 3/8	35	12 7/8	327	4 5/16	110	7 5/8	194
8	203	1 3/8	35	13 1/8	333	4 7/16	113	7 3/4	197
10	254	1 7/16	37	13 3/8	340	4 9/16	116	7 7/8	200
12	305	1 7/16	37	13 5/8	346	4 3/4	121	8	203
14	356	1 1/2	38	13 15/16	354	4 7/8	124	8 1/8	206
16	406	1 9/16	40	14 3/16	360	5	127	8 1/4	210
18	457	1 9/16	40	14 7/16	367	5 1/8	130	8 3/8	213
20	508	1 5/8	41	14 11/16	373	5 1/4	133	8 9/16	217
22	559	1 5/8	41	14 15/16	379	5 3/8	137	8 11/16	221
24	610	1 11/16	43	15 3/16	386	5 1/2	140	8 13/16	224

ELBOW - 30° (E3)

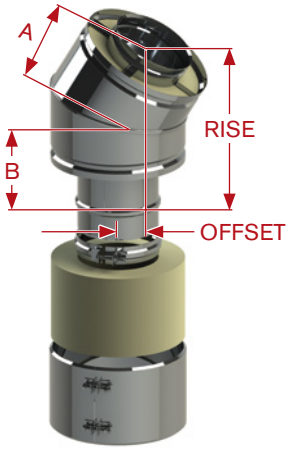
Elbow: Installed when a change in direction is required, either vertically or horizontally.



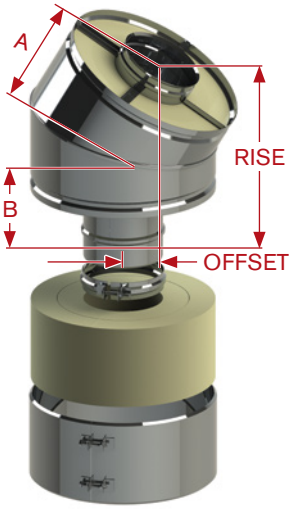
AIR
JE-ØE3...0



1" INSULATION
JE-ØE3...1



2" INSULATION
JE-ØE3...2



4" INSULATION
JE-Ø3...4

AIR / 1" INSULATION

Ø		OFFSET		RISE		A		B	
Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
6	152	2 3/4	70	12 5/8	321	4 7/16	113	7 3/4	197
8	203	2 7/8	73	13 1/8	333	4 3/4	121	8 1/16	205
10	254	3	76	13 5/8	346	5	127	8 5/16	211
12	305	3 1/8	79	14 1/8	359	5 1/4	133	8 9/16	217
14	356	3 1/4	83	14 5/8	371	5 9/16	141	8 7/8	225
16	406	3 3/8	86	15 1/8	384	5 13/16	148	9 1/8	232
18	457	3 1/2	89	15 5/8	397	6 1/16	154	9 3/8	238
20	508	3 11/16	94	16 1/8	410	6 5/16	160	9 5/8	244
22	559	3 13/16	97	16 5/8	422	6 5/8	168	9 15/16	252
24	610	3 15/16	100	17 1/8	435	6 7/8	175	10 3/16	259

2" INSULATION

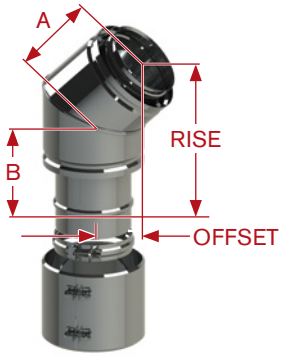
Ø		OFFSET		RISE		A		B	
Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
6	152	2 7/8	73	13 1/8	333	4 3/4	121	8 1/16	205
8	203	3	76	13 5/8	346	5	127	8 5/16	211
10	254	3 1/8	79	14 1/8	359	5 1/4	133	8 9/16	217
12	305	3 1/4	83	14 5/8	371	5 9/16	141	8 7/8	225
14	356	3 3/8	86	15 1/8	384	5 13/16	148	9 1/8	232
16	406	3 1/2	89	15 5/8	397	6 1/16	154	9 3/8	238
18	457	3 11/16	94	16 1/8	410	6 5/16	160	9 5/8	244
20	508	3 13/16	97	16 5/8	422	6 5/8	168	9 15/16	252
22	559	3 15/16	100	17 1/8	435	6 7/8	175	10 3/16	259
24	610	4 1/16	103	17 5/8	448	7 1/8	181	10 7/16	265

4" INSULATION

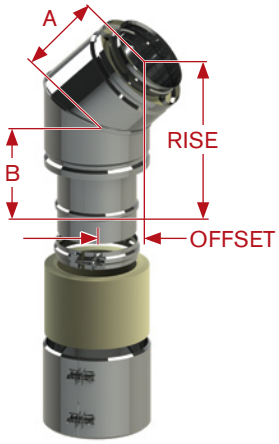
Ø		OFFSET		RISE		A		B	
Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
6	152	3 1/8	79	14 1/8	359	5 1/4	133	8 9/16	217
8	203	3 1/4	83	14 5/8	371	5 9/16	141	8 7/8	225
10	254	3 3/8	86	15 1/8	384	5 4/5	148	9 1/8	232
12	305	3 1/2	89	15 5/8	397	6 1/16	154	9 3/8	238
14	356	3 11/16	94	16 1/8	410	6 5/16	160	9 5/8	244
16	406	3 13/16	97	16 5/8	422	6 5/8	168	9 15/16	252
18	457	3 15/16	100	17 1/8	435	6 7/8	175	10 3/16	259
20	508	4 1/16	103	17 5/8	448	7 1/8	181	10 7/16	265
22	559	4 3/16	106	18 1/8	460	7 7/16	189	10 3/4	273
24	610	4 5/16	110	18 5/8	473	7 11/16	195	11	279

ELBOW - 45° (E4)

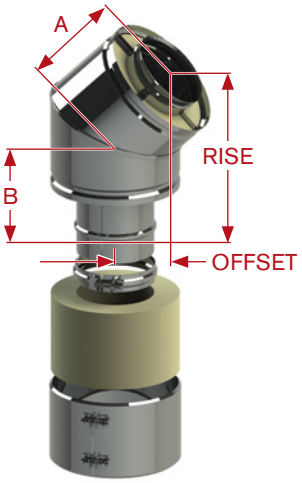
Elbow: Installed when a change in direction is required, either vertically or horizontally.



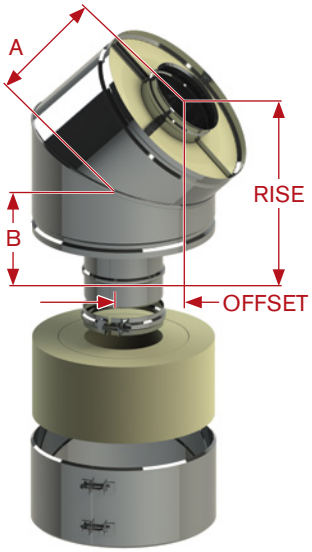
AIR
JE-ØE4...0



1" INSULATION
JE-ØE4...1



2" INSULATION
JE-ØE4...2



4" INSULATION
JE-ØE4...4

AIR / 1" INSULATION

Ø		OFFSET		RISE		A		B	
Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
6	152	4 1/4	108	12 13/16	325	5	127	8 3/8	213
8	203	4 9/16	116	13 1/2	343	5 7/16	138	8 13/16	224
10	254	4 7/8	124	14 3/16	360	5 7/8	149	9 3/16	233
12	305	5 1/8	130	14 15/16	379	6 1/4	159	9 5/8	244
14	356	5 7/16	138	15 5/8	397	6 11/16	170	10	254
16	406	5 3/4	146	16 5/16	414	7 1/8	181	10 7/16	265
18	457	6	152	17 1/16	433	7 1/2	191	10 7/8	276
20	508	6 5/16	160	17 3/4	451	7 15/16	202	11 1/4	286
22	559	6 5/8	168	18 7/16	468	8 5/16	211	11 11/16	297
24	610	6 15/16	176	19 3/16	487	8 3/4	222	12 1/8	308

2" INSULATION

Ø		OFFSET		RISE		A		B	
Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
6	152	4 9/16	116	13 1/2	343	5 7/16	138	8 13/16	224
8	203	4 7/8	124	14 3/16	360	5 7/8	149	9 3/16	233
10	254	5 1/8	130	14 15/16	379	6 1/4	159	9 5/8	244
12	305	5 7/16	138	15 5/8	397	6 11/16	170	10	254
14	356	5 3/4	146	16 5/16	414	7 1/8	181	10 7/16	265
16	406	6	152	17 1/16	433	7 1/2	191	10 7/8	276
18	457	6 5/16	160	17 3/4	451	7 15/16	202	11 1/4	286
20	508	6 5/8	168	18 7/16	468	8 5/16	211	11 11/16	297
22	559	6 15/16	176	19 3/16	487	8 3/4	222	12 1/8	308
24	610	7 3/16	183	19 7/8	505	9 3/16	233	12 1/2	318

4" INSULATION

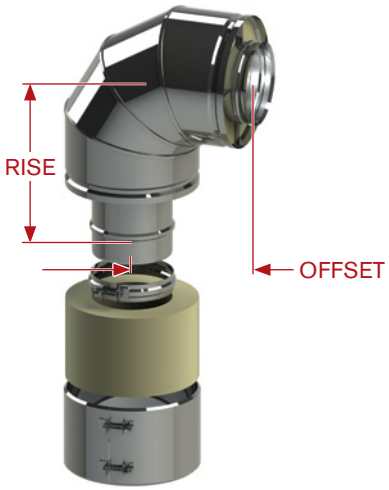
Ø		OFFSET		RISE		A		B	
Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
6	152	5 1/8	130	14 15/16	379	6 1/4	159	9 5/8	244
8	203	5 7/16	138	15 5/8	397	6 11/16	170	10	254
10	254	5 3/4	146	16 5/16	414	7 1/8	181	10 7/16	265
12	305	6	152	17 1/16	433	7 1/2	191	10 7/8	276
14	356	6 5/16	160	17 3/4	451	7 15/16	202	11 1/4	286
16	406	6 5/8	168	18 7/16	468	8 5/16	211	11 11/16	297
18	457	6 15/16	176	19 3/16	487	8 3/4	222	12 1/8	308
20	508	7 3/16	183	19 7/8	505	9 3/16	233	12 1/2	318
22	559	7 1/2	191	20 9/16	522	9 9/16	243	12 15/16	329
24	610	7 3/4	197	21 1/4	540	10	254	13 5/16	338

ELBOW - 90° (E9)

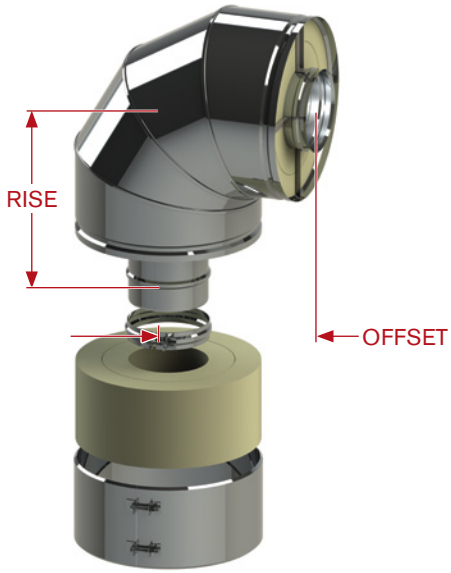
Elbow: Installed when a change in direction is required, either vertically or horizontally.

AIR
JE-ØE9...0

1" INSULATION
JE-ØE9...1



2" INSULATION
JE-ØE9...2



4" INSULATION
JE-ØE9...4

AIR / 1" INSULATION

Ø		OFFSET		RISE	
Inch	mm	Inch	mm	Inch	mm
6	152	9 1/8	232	11 1/2	292
8	203	10 1/8	257	12 1/2	318
10	254	11 1/8	283	13 1/2	343
12	305	12 1/8	308	14 1/2	368
14	356	13 1/8	333	15 1/2	394
16	406	14 1/8	359	16 1/2	419
18	457	15 1/8	384	17 1/2	445
20	508	16 1/8	410	18 1/2	470
22	559	17 1/8	435	19 1/2	495
24	610	18 1/8	460	20 1/2	521

2" INSULATION

Ø		OFFSET		RISE	
Inch	mm	Inch	mm	Inch	mm
6	152	10 1/8	257	12 1/2	318
8	203	11 1/8	283	13 1/2	343
10	254	12 1/8	308	14 1/2	368
12	305	13 1/8	333	15 1/2	394
14	356	14 1/8	359	16 1/2	419
16	406	15 1/8	384	17 1/2	445
18	457	16 1/8	410	18 1/2	470
20	508	17 1/8	435	19 1/2	495
22	559	18 1/8	460	20 1/2	521
24	610	19 1/8	486	21 1/2	546

4" INSULATION

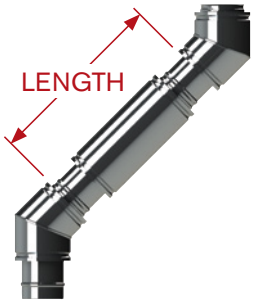
Ø		OFFSET		RISE	
Inch	mm	Inch	mm	Inch	mm
6	152	12 1/8	308	14 1/2	368
8	203	13 1/8	333	15 1/2	394
10	254	14 1/8	359	16 1/2	419
12	305	15 1/8	384	17 1/2	445
14	356	16 1/8	410	18 1/2	470
16	406	17 1/8	435	19 1/2	495
18	457	18 1/8	460	20 1/2	521
20	508	19 1/8	486	21 1/2	546
22	559	20 1/8	511	22 1/2	572
24	610	21 1/8	537	23 1/2	597

RISE AND OFFSET CALCULATOR

OPTION 1: LENGTH OR RISE

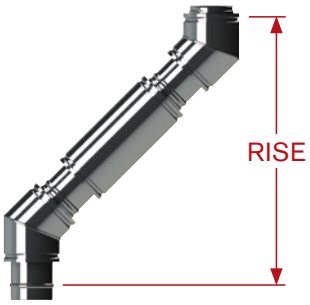
LENGTH CALCULATOR: CALCULATES THE LENGTH BETWEEN ELBOWS.			
LENGTH (L)	**OFFSET**	**Ø (ID)**	**OFFSET Θ (15°, 30° OR 45°)**

$$L = \frac{OFFSET - ØTAN(\frac{Θ}{2}) - A - B}{SINΘ}$$



RISE CALCULATOR: CALCULATES THE VERTICAL HEIGHT OF AN OFFSET.			
RISE	**LENGTH (L)**	**Ø (ID)**	**OFFSET Θ (15°, 30° OR 45°)**

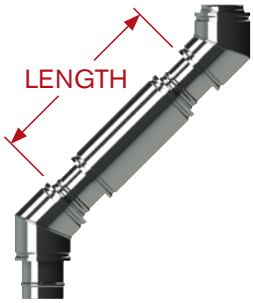
$$RISE = A + B + ØTAN(\frac{Θ}{2}) + [A + B + ØTAN(\frac{Θ}{2}) + L]\ COSΘ$$



OPTION 2: LENGTH OR OFFSET

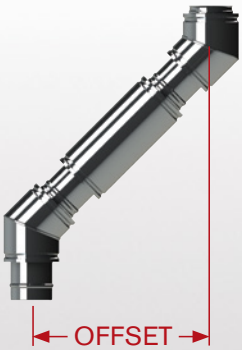
LENGTH CALCULATOR: CALCULATES THE LENGTH BETWEEN ELBOWS.			
LENGTH (L)	**RISE**	**Ø (ID)**	**OFFSET Θ (15°, 30° OR 45°)**

$$L = \frac{[RISE - A - B - ØTAN(\frac{Θ}{2})] - A - B - ØTAN(\frac{Θ}{2})}{COSΘ}$$



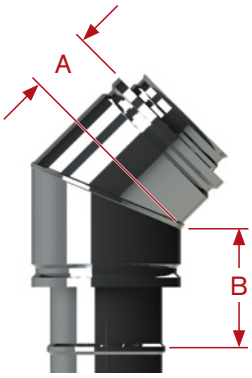
OFFSET CALCULATOR: CALCULATES THE HORIZONTAL DISTANCE OF THE OFFSET.			
OFFSET	**LENGTH (L)**	**Ø (ID)**	**OFFSET Θ (15°, 30° OR 45°)**

$$OFFSET = [A + B + L + ØTAN(\frac{Θ}{2})]\ SINΘ$$



Notes: 1. Available offset angles (Θ) are 15˚, 30˚ or 45˚.
2. Dimensions can be ± 0.25" (6.35mm).
3. Three values are required: Inside diameter (ID), Offset angle and one of the following: Length or Rise or Offset

MEASUREMENT A AND B EXAMPLE



E4

	DOUBLE WALL / INSULATED			
	A		B	
	Inch	mm	Inch	mm
15°	1.38	35	3.38	86
30°	1.25	32	3.25	83
45°	1.13	29	3.13	79

Note: These dimensions are common to all diameters.

OFFSET EXAMPLE

TEES

90° TEE (TR)

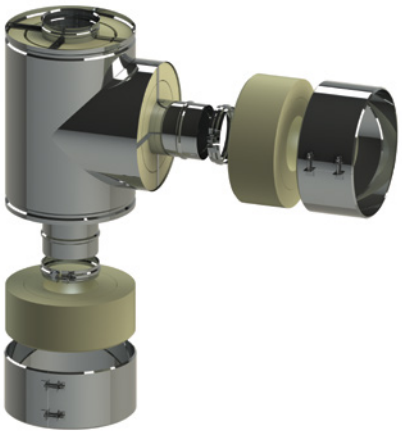
90° Tee: Can be used to connect a vertical chimney section to a horizontal breech, adapt to a barometric damper or to inspect the chimney system. Tees can be ordered with a snout that is equal to or smaller than the diameter of the body of the tee.

AIR
JE-ØTR...0

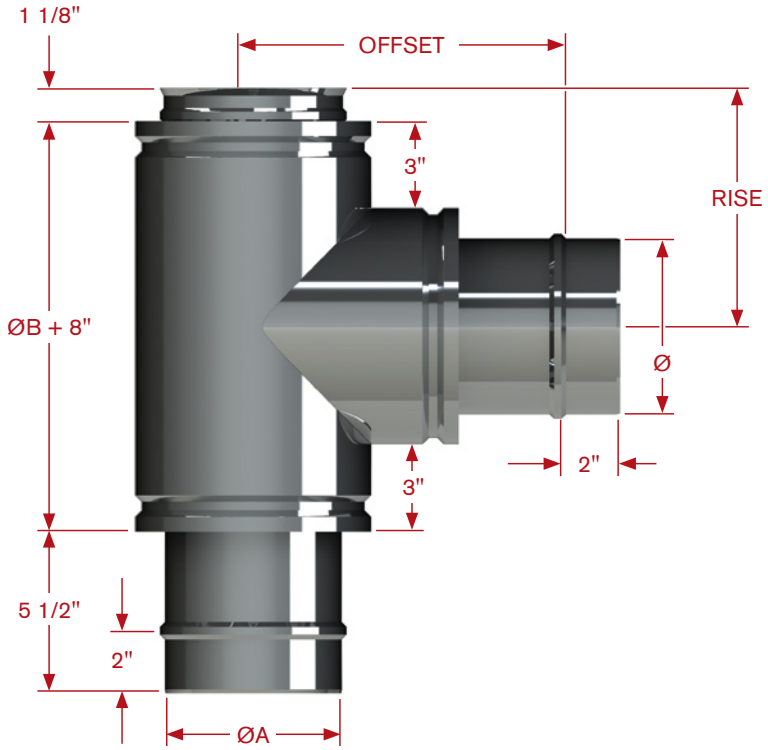
1" INSULATION
JE-ØTR...1

1" INSULATION MANIFOLD

2" INSULATION
JE-ØTR...2



4" INSULATION
JE-ØTR...4



TEE 90°												
	AIR / 1" INSULATION				2" INSULATION				4" INSULATION			
Ø	OFFSET		RISE		OFFSET		RISE		OFFSET		RISE	
	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
6	10 1/2	267	8 1/8	206	11 1/2	292	9 1/8	232	13 1/2	343	11 1/8	283
8	11 1/2	292	9 1/8	232	12 1/2	318	10 1/8	257	14 1/2	368	12 1/8	308
10	12 1/2	318	10 1/8	257	13 1/2	343	11 1/8	283	15 1/2	394	13 1/8	333
12	13 1/2	343	11 1/8	283	14 1/2	368	12 1/8	308	16 1/2	419	14 1/8	359
14	14 1/2	368	12 1/8	308	15 1/2	394	13 1/8	333	17 1/2	445	15 1/8	384
16	15 1/2	394	13 1/8	333	16 1/2	419	14 1/8	359	18 1/2	470	16 1/8	410
18	16 1/2	419	14 1/8	359	17 1/2	445	15 1/8	384	19 1/2	495	17 1/8	435
20	17 1/2	445	15 1/8	384	18 1/2	470	16 1/8	410	20 1/2	521	18 1/8	460
22	18 1/2	470	16 1/8	410	19 1/2	495	17 1/8	435	21 1/2	546	19 1/8	486
24	19 1/2	495	17 1/8	435	20 1/2	521	18 1/8	460	22 1/2	572	20 1/8	511

TEE 90° MANIFOLD						
	AIR / 1" INSULATION		2" INSULATION		4" INSULATION	
	OFFSET	RISE	OFFSET	RISE	OFFSET	RISE
	ØA/2 + 7 1/2" (ØA/2 + 178 mm)	ØB/2 + 5 1/8" (ØB/2 + 127 mm)	ØA/2 + 8 1/2" (ØA/2 + 203 mm)	ØB/2 + 6 1/8" (ØB/2 + 152 mm)	ØA/2 + 10 1/2" (ØA/2 + 254 mm)	ØB/2 + 8 1/8" (ØB/2 + 203 mm)

TEES

45° TEE (TY)

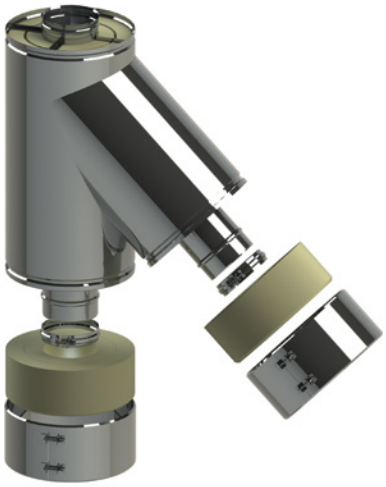
45° Tee: Connects a vertical chimney section to a horizontal breech with the least amount of flow resistance. Tees can be ordered with a snout that is equal to, or smaller than, the diameter of the body of the tee. Generally used in combination with a 45° elbow.

AIR
JE-ØTY...0

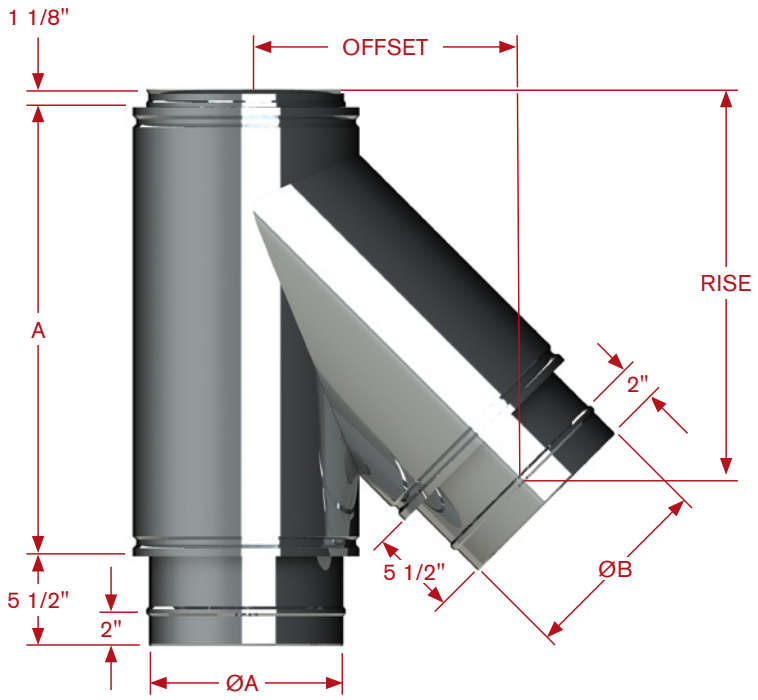
1" INSULATION
JE-ØTY..1

1" INSULATION MANIFOLD

2" INSULATION
JE-ØTY...2



4" INSULATION
JE-ØTY...4



	AIR / 1" INSULATION						2" INSULATION						4" INSULATION					
Ø	OFFSET		RISE		A		OFFSET		RISE		A		OFFSET		RISE		A	
	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm	Inch	mm
6	12 1/8	305	17 13/16	432	19 5/16	483	13 13/16	330	19 15/16	483	22	559	17 1/4	432	24 3/16	610	27 5/8	686
8	13 13/16	330	19 15/16	483	22 1/8	559	15 1/2	381	22 1/16	559	24 13/16	610	18 15/16	457	26 5/16	660	30 1/2	762
10	15 1/2	381	22 1/16	559	25	635	17 1/4	432	24 3/16	610	27 5/8	686	20 5/8	508	28 7/16	711	33 5/16	838
12	17 1/4	432	24 3/16	610	27 13/16	686	18 15/16	457	26 5/16	660	30 1/2	762	22 3/8	559	30 9/16	762	36 1/8	914
14	18 15/16	457	26 5/16	660	30 5/8	762	20 5/8	508	28 7/16	711	33 5/16	838	24 1/16	610	32 11/16	813	38 15/16	965
16	20 5/8	508	28 7/16	711	33 7/16	838	22 3/8	559	30 9/16	762	36 1/8	914	25 3/4	635	34 13/16	864	41 13/16	1041
18	22 3/8	559	30 9/16	762	36 5/16	914	24 1/16	610	32 11/16	813	38 15/16	965	27 1/2	686	36 15/16	914	44 5/8	1118
20	24 1/16	610	32 11/16	813	39 1/8	991	25 3/4	635	34 13/16	864	41 13/16	1041	29 3/16	737	39 1/16	991	47 7/16	1194
22	25 3/4	635	34 13/16	864	41 15/16	1041	27 1/2	686	36 15/16	914	44 5/8	1118	30 7/8	762	41 3/16	1041	50 1/4	1270
24	27 1/2	686	36 15/16	914	44 3/4	1118	29 3/16	737	39 1/16	991	47 7/16	1194	32 5/8	813	43 5/16	1092	53 1/8	1346

OFFSET	
AIR / 1" INSULATION	((Ø + 2") ÷ 2) + ((ØB + 2") ÷ (2 X √2)) + 5.268
2" INSULATION	((Ø + 4") ÷ 2) + ((ØB + 4") ÷ (2 X √2)) + 5.268
4" INSULATION	((Ø + 8") ÷ 2) + ((ØB + 8") ÷ (2 X √2)) + 5.268

RISE	
AIR / 1" INSULATION	(1.061 X (ØB + 2")) + 9.03125
2" INSULATION	(1.061 X (ØB + 4")) + 9.03125
4" INSULATION	(1.061 X (ØB + 8")) + 9.03125

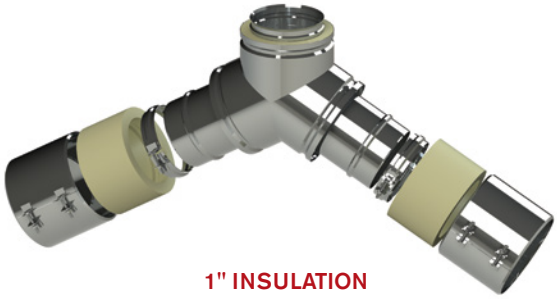
TEES - TEE CAPS

1" INSULATION

TEE 45˚ INVERSE (TI)

Tee 45˚ Inverse: Installed on a generator when an explosion relief valve is required. Provides an unrestricted path to the valve for the gases.

JE-ØTI...1 shown
(JE-ØTI...0, JE-ØTI...2 and JE-ØTI...4 not shown)

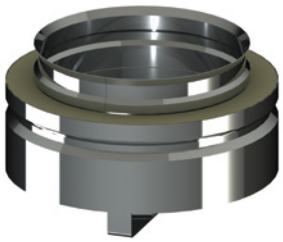


1" INSULATION

SADDLE TEE (TS)

Saddle Tee: Installed when two appliances are connected to a common breech. The saddle tee has a low pressure drop.

JE-ØTS...1 shown
(JE-ØTS...0, JE-ØTS...2 and JE-ØTS...4 not shown)

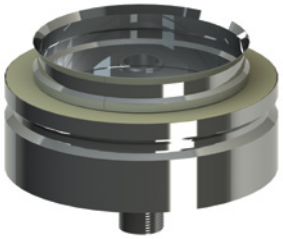


1" INSULATION

TEE CAP (TC)

Tee Cap: Installed to cap the open end of a tee. Can be removed for inspection of the vent.

JE-ØTC...1 shown
(JE-ØTC...0, JE-ØTC...2 and JE-ØTC...4 not shown)



1" INSULATION

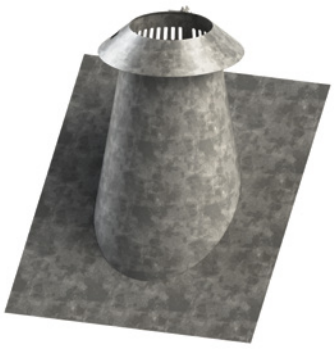
DRAIN TEE CAP (TD)

Drain Tee Cap: Permits water drainage from an open-ended chimney system. The drain cap has a 1" NPT nipple to which to connect.

JE-ØTD...1 shown
(JE-ØTD...0, JE-ØTD...2 and JE-ØTD...4 not shown)

AIR / 1" INSULATION
JF-ØFF...1 shown
(JF-ØFF...2 and JF-ØFF...4 not shown)

AIR / 1" INSULATION
JF-ØFA...1 shown
(JF-ØFA...2 and JF-ØFA..4 not shown)



AIR / 1" INSULATION
JF-ØFB...1 shown
(JF-ØFB...2 and JF-ØFB...4 not shown)

FLASHING (F, FA, FB)

Flashing: Prevents rainwater from entering the building through the opening required for the chimney system.

F – FLAT
FA – 1/12 - 6/12
FB – 7/12 - 12/12

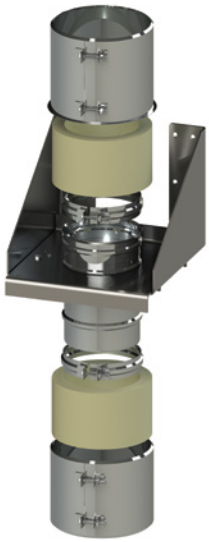
AIR / 1" INSULATION

STORM COLLAR (SC)

Storm Collar: Installed above the flashing to deflect rainwater away from the top opening.

JF-ØSC...1 shown
(JF-ØSC...2 and JF-ØSC...4 not shown)

SUPPORTS



1" INSULATION

WALL SUPPORT (WS)

Wall Support: Supports the chimney system along a wall. Wall supports are installed at the joint between two lengths and have an integrated sleeve which connects directly to the flue of the lengths above and below. In this manner it acts like a length, making the installation much faster and easier.

JM-ØWS...1 shown
(JM-ØWS...0, JM-ØWS...2 and JM-ØWS...4 not shown)

AIR / 1" INSULATION

WALL BAND (WB)

Wall Band: Stabilizes the chimney along a wall to resist wind loading.

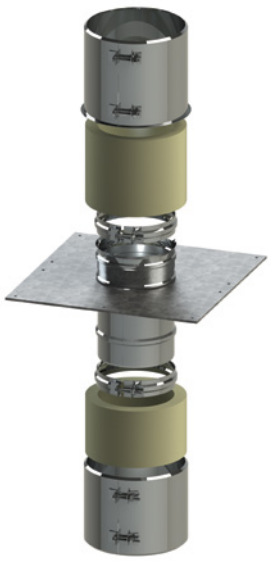
JM-ØWB...1 shown
(JM-ØWB...2 and JM-ØWB...4 not shown)

AIR / 1" INSULATION

HORIZONTAL BAND (HB)

Horizontal Band: Supports a horizontal run of chimney.

JM-ØHB...1 shown
(JM-ØHB...2 and JM-ØHB...4 not shown)



1" INSULATION

BASE SUPPORT (BS)

Base Support: Supports the chimney when it passes through a non-combustible floor or ceiling. Base supports are installed at the joint between two lengths and have an integrated sleeve which connects directly to the flue of the lengths above and below. In this manner it acts like a length, making the installation much faster and easier.

JM-ØBS...1 shown
(JM-ØBS...0, JM-ØBS...2 and JM-ØBS...4 not shown)

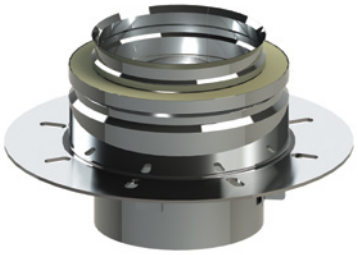
1" INSULATION

GUY WIRE SECTION (GB)

Guy Wire Section: Required when a chimney extends beyond the roofline by more than 6 feet.

JM-ØGB...1 shown
(JM-ØGB...0, JM-ØGB...2 and JM-ØGB...4 not shown)

ADAPTERS

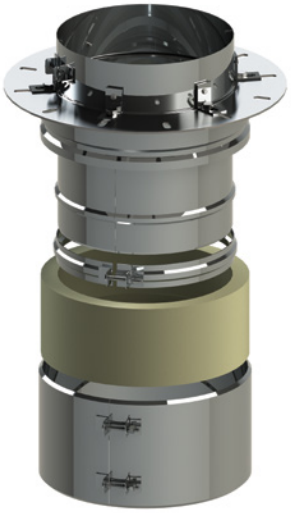


1" INSULATION

ANCHOR PLATE (AP)

Anchor Plate: Connects VIP+ to an appliance below the chimney system. Bolt pattern can be specified to match any configuration.

JM-ØAP...1 shown
(JM-ØAP...0, JM-ØAP...2 and JM-ØAP...4 not shown)



1" INSULATION

FEMALE ANCHOR PLATE (AF)

Female Anchor Plate: Connects VIP+ to an appliance or accessory above the chimney system. Bolt pattern can be specified to match any configuration.

JM-ØAF...1 shown
(JM-ØAF...0, JM-ØAF...2 and JM-ØAF...4 not shown)

1" INSULATION

FEMALE FLANGE ADAPTER (FE)

Female Flange Adapter: Connects the chimney to an accessory below the chimney system.

JM-ØFE...1 shown
(JM-ØFE...0, JM-ØFE...2 and JM-ØFE...4 not shown)

1" INSULATION

FAN ADAPTER (FD)

Fan Adapter: This adapter connects VIP+ to a draft-inducing fan at the top of the system.

JM-ØFD...1 shown
(JM-ØFD...0, JM-ØFD...2 and JM-ØFD...4 not shown)

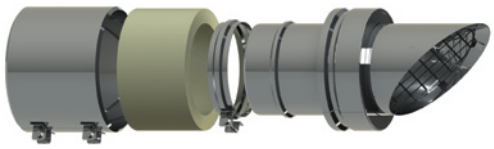
1" INSULATION

FLANGE ADAPTER (FM)

Flange Adapter: Connects the chimney to an accessory above the chimney system.

JM-ØFM...1 shown
(JM-ØFM...0, JM-ØFM...2 and JM-ØFM...4 not shown)

TERMINATIONS



1" INSULATION

MITER CUT (MC)

Miter Cut: Used to terminate the chimney when venting horizontally.

JM-ØMC...1 shown
(JM-ØMC...0, JM-ØMC...2 and JM-ØMC...4 not shown)

AIR / 1" INSULATION

RAIN CAP (RC)

Rain Cap: Prevents rainwater from entering the chimney system.

JM-ØRC...1 shown
(JM-ØRC...2 and JM-ØRC...4 not shown)

1" INSULATION

RAIN CAP BASE (CB)

Rain Cap Base: Terminates the chimney system. Provides the least amount of restriction to exhaust the system.

JM-ØCB...1 shown
(JM-ØCB...0, JM-ØCB...2 and JM-ØCB...4 not shown)

AIR / 1" INSULATION

FLIP TOP (FT)

Flip Top: Terminates a chimney system in which the appliance produces significant pressure. Commonly utilized on systems that vent generators or stationary engines.

JM-ØFT...1 shown
(JM-ØFT...2 and JM-ØFT...4 not shown)

1" INSULATION

EXIT CONE (EC)

Exit Cone: An exit cone is a termination that increases the velocity of the exhaust gases as they exit the chimney.

JM-ØEC...1 shown
(JM-ØEC...0, JM-ØEC...2 and JM-ØEC...4 not shown)

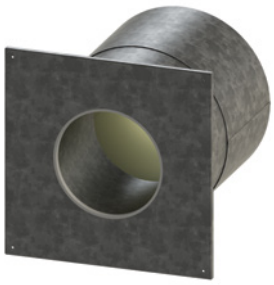
FIRESTOPS

AIR / 1" INSULATION

VENTED FIRESTOP (VS)

Vented Firestop: For high temperature applications where the chimney passes through a combustible ceiling.

JM-ØVS...1 shown
(JM-ØVS...2 and JM-ØVS...4 not shown)



AIR / 1" INSULATION

RADIATION SHIELD (RS)

Radiation Shield: The radiation shield is an insulated component that protects against heat radiation. It is installed when the chimney passes through a floor or ceiling.

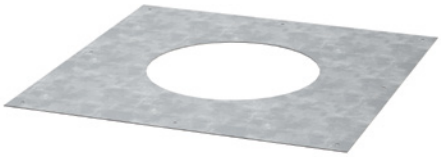
JM-ØRS...1 shown
(JM-ØRS...2 and JM-ØRS...4 not shown)

AIR / 1" INSULATION

FLOOR GUIDE (FG)

Floor Guide: The floor guide centers the chimney as it passes through a floor or ceiling. It is composed of a collar for the exterior of the chimney and brackets to mount it solidly in place.

JM-ØFG...1 shown
(JM-ØFG...2 and JM-ØFG...4 not shown)



AIR / 1" INSULATION

FIRESTOP PLATE (FS)

Firestop plate: Creates a firestop when the chimney passes through a non-combustible floor or ceiling.

JM-ØFS...1 shown
(JM-ØFS...2 and JM-ØFS...4 not shown)

INCREASERS

1" INSULATION

TAPERED REDUCER (RT)

Tapered Reducer: Decreases the diameter of the chimney gradually.

JM-ØRT...1Ø shown
(JM-ØRT...0Ø, JM-ØRT...2Ø and JM-ØRT...4Ø not shown)

1" INSULATION

TAPERED INCREASER (IT)

Tapered Increaser: Increases the diameter of the chimney gradually.

JM-ØIT...1Ø shown
(JM-ØIT...0Ø, JM-ØIT...2Ø and JM-ØIT...4Ø not shown)

1" INSULATION

STEP INCREASER (SI)

Step Increaser: Increases the diameter of the chimney over a very short distance.

JM-ØSI...1Ø shown
(JM-ØSI...0Ø, JM-ØSI...2Ø and JM-ØSI...4Ø not shown)

VIC

CONDENSING VENT

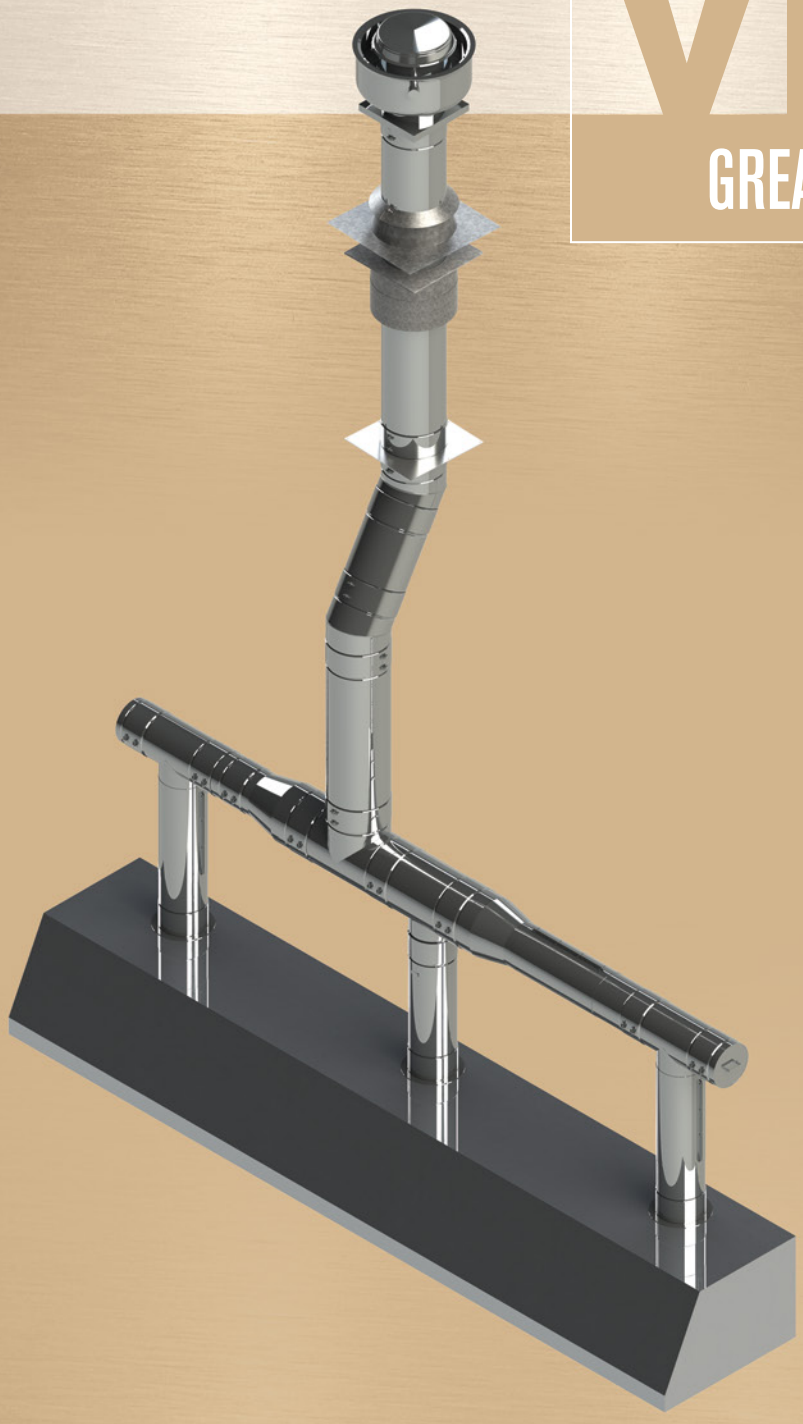
CURRENTLY AVAILABLE

Available diameters: 4", 5", 6", 7", 8", 9", 10", 12", 14", 16", 18", 20", 22" and 24"

www.icc-rsf.com/en/brochures-catalogues

VIP+

GREASE DUCT



AVAILABLE IN 2016

QUOTATION REQUEST FORM

Name: _____
Date: _____
Job: _____
Page: _____

P: (450) 565-6336
F: (450) 565-6519
industrial@icc-rsf.com

INSULATION	
Air	
1"	
2"	
4"	

TEMPERATURE	
Over 600°F – Yes	

FLUE DIAMETER

MATERIAL	
SS304/SS304	
SS304/GALVALUME	
SS316/SS316	
SS316/SS304	

FLUE	
Standard	
26 = 0.018"	
24 = 0.025"	
20 = 0.035"	

OUTER CASING	
Standard	
26 = 0.018"	
24 = 0.025"	
20 = 0.035"	

STANDARD MATERIAL THICKNESS	
Flue	6 - 16 (26 = 0.018")
	18 - 24 (24 = 0.025")
Casing	6 - 14 (26 = 0.018")
	16 - 24 (24 = 0.025")

QTY	CODE	DESCRIPTION	INT. Ø
LENGTHS			
	L1	12" Length	
	L2	24" Length	
	L3	36" Length	
	L4	48" Length	
	LE	Expansion Length	
	A1	12" Adjustable Length	
	A2	24" Adjustable Length	
	BJ	Bellows Joint	
	D1	Vertical Drain	
	D2	Horizontal Drain	
	NL	Nozzle Length	
ELBOWS & TEES			
	E1	Elbow 15°	
	E3	Elbow 30°	
	E4	Elbow 45°	
	E9	Elbow 90°	
	TC	Tee Cap	
	TD	Drain Tee Cap	
	TR	Regular Tee	Ø
	TR	Regular Tee (Manifold)	
	TY	Tee 45°	Ø
	TY	Tee 45° (Manifold)	
	TI	Tee 45° Inverse	
	TS	Saddle Tee	
FLASHINGS			SS304
	FF	Flat Flashing	
	FA	Vented Flashing 1/12 - 7/12	
	FB	Flashing 8/12 - 12/12	
	SC	Storm Collar	
SUPPORTS			
	BS	Base Support	
	GB	Guy Wire Section	
	WB	Wall Band	
	WS	Wall Support	
	HB	Horizontal Band	

QTY	CODE	DESCRIPTION	INT. Ø
ADAPTERS			
	AP	Anchor Plate	
	AF	Female Anchor Plate	
	FD	Fan Adapter	
	FE	Female Flange Adapter	
	FM	Flange Adapter	
	RV	Release Valve	
TERMINATIONS			
	RC	Rain Cap	
	CB	Rain Cap Base	
	EC	Exit Cone	
	FT	Flip Top	
	MC	Miter Cut	
FIRESTOPS			
	FS	Firestop Plate	
	RS	Radiation Shield	
	VS	Vented Firestop	
	FG	Floor Guide	
INCREASERS			Ø
	IT	Tapered Increaser	
	SI	Step Increaser	
	RT	Tapered Reducer	

SPECIAL REQUESTS

PRESSURE VENT WARRANTY

15-YEAR LIMITED WARRANTY

Industrial Chimney Company warrants to the original owner that Model VIP+ Pressure Vent will be free of functional failure resulting from defects in materials or workmanship for a period of 15 years. This is a limited warranty subject to the following conditions:

- The system must be installed in accordance with ICC's written installation instructions and applicable building codes;
- The system must be inspected and maintained in accordance with ICC's written installation instructions;
- The system must only be used to vent appliances for which it is designed and certified;
- This warranty does not cover wear and tear that results from normal use, nor does it warranty systems installed in a corrosive environment.

REMEDIES UNDER THIS WARRANTY:

If a properly installed and maintained Model VIP+ Pressure Vent System fails, the owner shall notify ICC in writing and shall not initiate repairs until instructed to do so by an authorized ICC representative. ICC will at its discretion repair, replace, or provide a refund for all defective parts.

ICC is not responsible for the labor costs related to the inspection, removal and replacement of the vent system.

ICC is not responsible for the shipping costs.

ICC is not responsible for any special, consequential, or incidental damage incurred by the owner or its contractors.

Any parts replaced under this warranty will be covered for the unexpired term of the original warranty.

LISTING

c UL us LISTED 3L72

MODEL / MODÈLE VIP+

LISTED INDUSTRIAL FACTORY-BUILT CHIMNEY Ø6" TO Ø24" INSULATED AIR 1" OR FIBER INSULATION 1" , 2" , 4"
CHEMINÉE INDUSTRIELLE PREFABRIQUÉE HOMOLOGUÉE Ø6" A Ø24" " ISOLÉE AIR 1" OU LAINE ISOLANTE 1" , 2" , 4"

TESTED TO / TESTÉ SELON
UL 103
UL 2561
ULC-ORD-C959

- FOR USE WITH BUILDING HEATING APPLIANCES WITH CONTINUOUS FLUES GASES TEMPERATURE OF 1000°F OR LESS
- FOR USE WITH BUILDING HEATING APPLIANCES WITH CONTINUOUS FLUES GASES TEMPERATURE OF 1400°F OR LESS
- SUITABLE FOR INTERIOR OR EXTERIOR INSTALLATION

- POUR RACCORDEMENT À DES APPAREILS DE CHAUFFAGE AVEC GAS DE COMBUSTION DE 540°C OU MOINS
- POUR RACCORDEMENT À DES APPAREILS DE CHAUFFAGE AVEC GAS DE COMBUSTION DE 760°C OU MOINS
- POUR INSTALLATION À L'INTÉRIEUR OU À L'EXTÉRIEUR

FLOW / DIRECTION

MINIMUM CLEARANCE TO COMBUSTIBLES (AIR SPACE)

CONTINUOUS FLUE GASES TEMPERATURE	DIAMETER	CLEARANCES	
		Air Insulation 1"	Fiber Insulation 1", 2" , 4"
1000°F OR LESS	Ø 6 to 16 Inches	6 "	2 "
	Ø 18 to 24 Inches	10 "	3 "
1400°F OR LESS	Ø 6 to 24 Inches	6 "	7 "

CAUTION : RISK OF FIRE - DO NOT ENCLOSE WITH COMBUSTIBLE MATERIALS - FOR INSTALLATION AS REQUIRED FOR DOUBLE WALL CHIMNEYS - ALWAYS INSTALL IN ACCORDANCE WITH ICC INSTALLATION INSTRUCTIONS

RATED FOR USE AT MAXIMUM 60" WATER COLUMN INTERNAL PRESSURE WHEN USED IN POSITIVE PRESSURE APPLICATION

DÉGAGEMENT MINIMAL AUX MATIÈRES COMBUSTIBLES (ESPACE D'AIR)

TEMPÉRATURE DES GAZ DE COMBUSTION EN CONTINU	DIAMÈTRE	DÉGAGEMENTS	
		ISOLÉ À L'AIR 1 "	ISOLATION LAINE 1", 2" , 4"
540°C OU MOINS	Ø 6 to 16 Pouces	6 "	2 "
	Ø 18 to 24 Pouces	10 "	3 "
760°C OU MOINS	Ø 6 to 24 Pouces	6 "	7 "

ATTENTION : NE PAS ENCLOISONNER AVEC DES MATÉRIAUX COMBUSTIBLES - POUR INSTALLATION TELLE QUE REQUISE POUR DES CHEMINÉES À DOUBLES PAROIS MÉTALLIQUES TOUJOURS INSTALLER SELON LES INSTRUCTIONS D'INSTALLATION D'ICC

HOMOLOGUÉ POUR UNE UTILISATION À PRESSION POSITIVE INTERNE MAXIMALE DE 60" DE COLONNE D'EAU

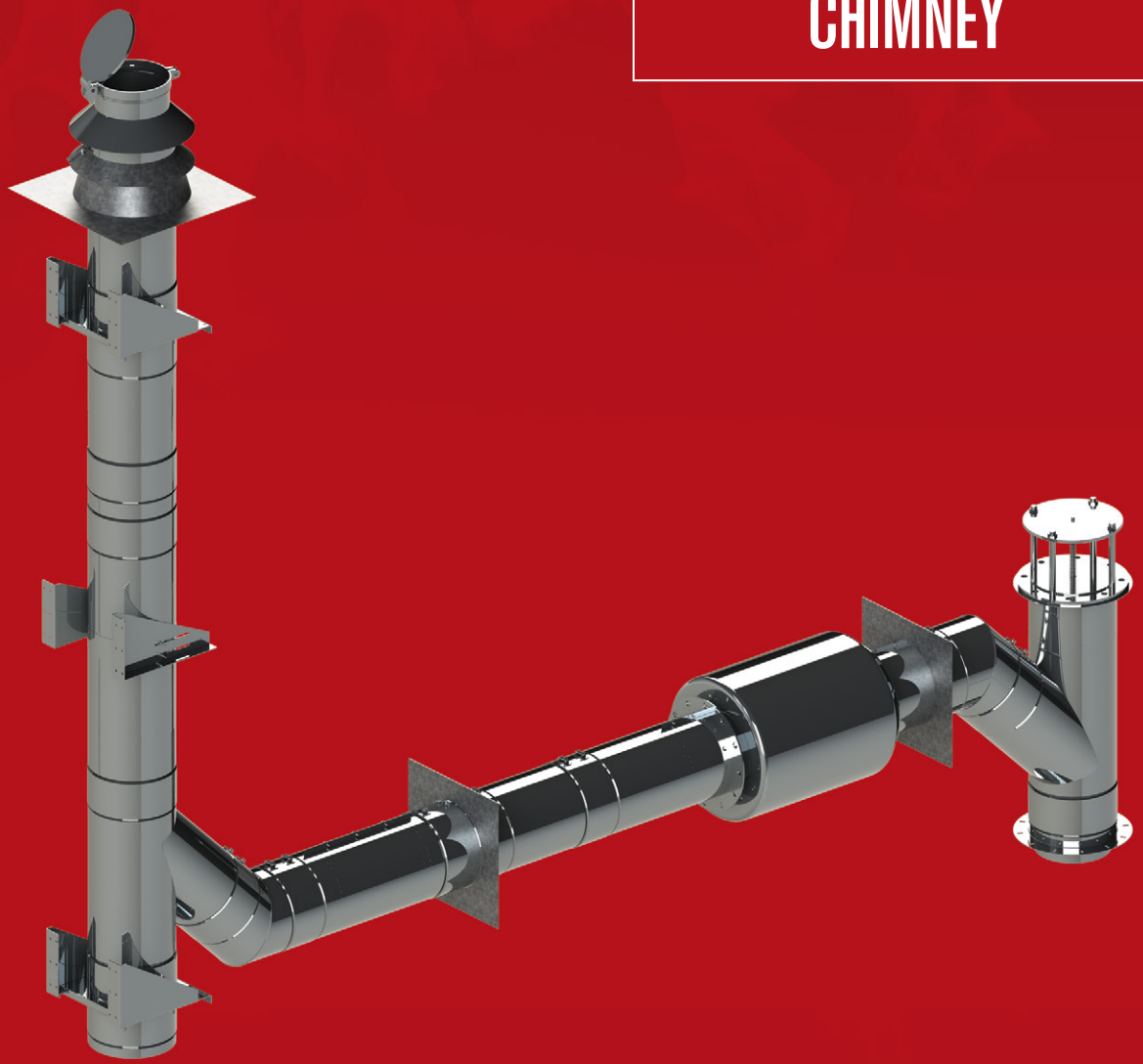
ICC Industrial Chimney Company Inc.
ICC Compagnie de cheminées industrielles inc.
St-Jérôme, Québec, Canada

Made in Canada
Fabriqué au Canada

933046
Rev. 0

VIP+

POSITIVE PRESSURE CHIMNEY



ICC – INDUSTRIAL CHIMNEY COMPANY INC.
400 J-F KENNEDY, ST-JEROME
QUEBEC, CANADA, J7Y 4C7
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EMAIL: INDUSTRIAL@ICC-RSF.COM

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