



We are proud that InnoFlue® conforms to:

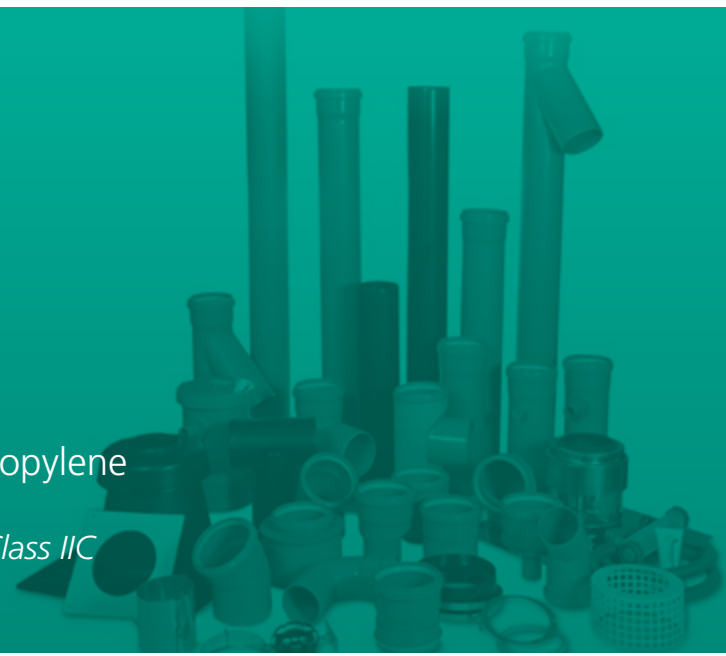
**UL-1738**  
**ULC-S636**



# JANUARY 2012 Product Catalog & Dimensional Data

**InnoFlue® SW, Flex & Concentric**  
Single Wall Rigid, Flexible & Concentric Polypropylene

*Category II, III & IV Special Gas Vent • Gas Vent BH, Class IIC*




# InnoFlue®

## The Intelligent Alternative to PVC & CPVC

Across North America, home owners, building owners, contractors, distributors, engineers and original equipment manufacturers are asking for InnoFlue®. These stake holders trust InnoFlue® to provide them with a **safe, reliable and environmentally sustainable vent system**. InnoFlue® provides these benefits all while reducing installation time by up to 75%.

InnoFlue® is manufactured from **environmentally friendly polypropylene**. Our polypropylene technology is warranted and listed for **sustained flue gases up to 230°F (110°C)**, providing enhanced performance properties. Designed, tested and listed as a vent system, not a DWV product, InnoFlue® offers intuitive components such as test ports, condensate drains and siphons, in addition to marketing and technical support.

Centrotherm is proud to offer the most comprehensive line of polypropylene venting available.



	InnoFlue®	PVC	CPVC
<b>Chemical Resistance</b>			
Aromatic Hydrocarbons	✓	✗	✗
Sulfuric Acid	✓	✗	✗
Hydrochloric Acid	✓	✗	✗
<b>Working temperature</b>	0°C (32°F) - 120°C (248°F)	15°C (50°F) - 65°C (149°F)	15°C (50°F) - 90°C (194°F)
<b>Softening temperature</b>	150°C (302°F)	80°C (176°F)	128°C (263°F)
<b>Safe &amp; healthy production</b>	✓	✗	✗
<b>Leaching of chlorides</b>	✗	✓	✓
<b>Fully recyclable</b>	✓	✗	✗

# Why InnoFlue®?

## Ease of Installation

- **Integrated gasket system** allows for immediate use of appliance upon installation and post-installation adjustments
- Gasketed polypropylene allows for **faster, cleaner, V.O.C.-free installation**
- No **fit up, couplers, primer or adhesives** needed
- Light weight makes for **easy handling and rapid installation**

## Health and Safety

- Safe performance at sustained flue temperatures **up to 230°F (110°C)**
- Listed at **zero clearance to combustibles**
- **UL-1738, ULC-S636 & CE EN-14471** listed
- Polypropylene is environmentally-friendly and **100% recyclable**
- **Industry leading wall thickness** provides enhanced durability
- **Chloride free**

## Warranty & Reliability

- Manufacturer-supported and guaranteed with an **unprecedented 10-year limited warranty**
- Enhanced corrosion resistance allows for **use with oil, propane, and gas fired appliances**
- **Over 17 years** of field service history

## Product Approvals

Since 2010, InnoFlue® has been approved for use by over 30 North American manufacturers of boilers, water heaters and furnaces. For a complete listing of heating appliance manufacturers who have approved InnoFlue®, visit [www.centrotherm.us.com/appliance-approvals](http://www.centrotherm.us.com/appliance-approvals). To obtain a listing of specific appliances with required appliance adaptors contact your local manufacturer's representative or contact Centrotherm.

## ••• Listings

Centrotherm is proud to conform to

**UL-1738, ULC-S636**  
and **CE EN 14471**

safety standards for our InnoFlue® brand of single wall, flexible and concentric vent systems. InnoFlue is approved for use in the United States, Canada and most European Countries.

InnoFlue® is the **only polymeric vent system to be listed by an accredited third party to the rigorous U.S.**

**safety standard, UL-1738.** InnoFlue® is UL and ULC listed by Intertek under the ETL mark. For more information on our listings, visit [www.intertek.com](http://www.intertek.com)



**UL-1738**  
**ULC-S636**  
**CE EN 14471**



# TABLE OF CONTENTS

## InnoFlue® Single Wall (SW)

Application, Configuration & Performance .....	4
Typical Installations.....	5

### COMPONENTS

#### **Appliance Adaptors ..... 7**

Appliance Adaptors w/Gasket PVC to PPs.....	7
Appliance Adaptors PVC to PPs.....	7
Appliance Adaptors PPs to PPs .....	8
Commercial Appliance Adaptors with Clamp .....	8
Commercial Appliance Adaptors SS to PPs .....	8
Commercial Appliance Adaptor w/ Condensate Drain and Vibration Isolation Boot .....	9
Commercial Appliance Adaptors .....	9
Commercial Appliance Adaptor with Vibration Isolation Boot.....	9
Custom Appliance Adaptors.....	8
Vibration Isolation Boot w/Clamps.....	10

#### **Increasesers & Reducers ..... 10**

Centric Increasesers.....	10
Eccentric Increasesers .....	10
Reducers.....	11

#### **Test Ports ..... 11**

#### **Straight Vent Lengths..... 12**

#### **Elbows..... 13**

30° Elbow .....	13
45° Elbow .....	13
45° Elbow Long .....	13
87° Elbow .....	14
87° Elbow Long .....	14
Base Support.....	14

#### **Cascade Components..... 15**

Branch Tee w/ 4" Feeder .....	15
Branch Tee w/ 2 x 4" Feeders .....	15
Branch Tee w/ 4 x 4" Feeders .....	16
Non-Return Valve .....	16

#### **Condensate Management..... 16**

Horizontal Drain Tee.....	16
Horizontal Drain Fitting .....	16
Tee.....	17
Tee Cap.....	17

Tee Cap w/Drain.....	18
Long John Siphon .....	18
Extra Long John Siphon.....	18
Ball Valve Siphon.....	18

#### **Terminations..... 19**

Chimney Cover PPs-UV .....	19
Chimney Cover SS W/PPs-UV End Pipe .....	19
Chimney Cover SS W/SS End Pipe .....	19
B-Vent Rain Collar PPs-UV .....	20
Low Profile Wall Termination .....	20
Termination Tee.....	21
End Pipe PPs-UV.....	21
End Pipe PPs-Gray .....	22
Velocity Cone.....	22
Vent Lengths PPs-UV .....	22
45° Elbow Long PPs-UV.....	23
45° Elbow PPs-UV .....	23
87° Elbow Long PPs-UV.....	23
87° Elbow PPs-UV .....	23
PPs to PVC Termination Kit.....	24
Bird Screen PPs-UV .....	24
Bird Screen SS.....	24

#### **Spacers..... 24**

2" Spacer.....	24
3" & 4" Spacers.....	25
5" & 6" Spacers.....	25
8", 10" & 12" Spacers.....	25

#### **Accessories..... 25**

Flue Clamp.....	25
Hurricane Strap .....	26
Support Clamp.....	26
Wall Plate Square (Plastic).....	26
Wall Plate Round (Rubber).....	26
EPDM Gaskets.....	27
Connector Ring.....	27
Air Intake.....	27
Centrocerin .....	27

## InnoFlue® Flex

Application, Configuration & Performance .....	28
Typical Installations.....	29

### COMPONENTS

<b>Base Supports.....</b>	<b>30</b>
<b>Flex Vent Lengths.....</b>	<b>30</b>
2" Flexible Vent Lengths.....	30
3" and 4" Flexible Vent Lengths .....	30
<b>Spacers.....</b>	<b>30</b>
2" Spacer.....	30
3" & 4" Spacers.....	31
<b>Couplers.....</b>	<b>31</b>
SW to Flex Coupler .....	31
Flex to SW Coupler .....	31
Flex to Flex Coupler.....	32
<b>Chimney Kits.....</b>	<b>32</b>
2" Chimney Kit .....	32
3" & 4" Chimney Kit .....	32
<b>Terminations.....</b>	<b>33</b>
Chimney Cover PPs-UV .....	33
B-Vent Rain Collar PPs-UV .....	33
2" Flex End Pipe.....	33
3" and 4" Flex End Pipe .....	34
<b>Flex Accessories.....</b>	<b>34</b>
2" Flex Installation Tool .....	34
3" and 4" Flex Installation Tool .....	34

## InnoFlue® Concentric

Application, Configuration & Performance .....	35
Typical Installations.....	36

### COMPONENTS

<b>Concentric Adaptors .....</b>	<b>37</b>
Concentric Centric Increaser.....	37
Concentric Test Port .....	37
Twin Pipe to Concentric Adaptor .....	37
Concentric to Twin Pipe Adaptor.....	38
Concentric Horizontal Drain Tee .....	38
<b>Concentric Vent Lengths.....</b>	<b>38</b>
<b>Elbows.....</b>	<b>39</b>
Concentric 45° Elbow .....	39
Concentric 87° Elbow .....	39
<b>Wall Plates .....</b>	<b>39</b>
Wall Plate Round (Plastic) .....	39
Wall Plate Square (Plastic).....	39
<b>Terminations.....</b>	<b>40</b>
Concentric Wall Termination Plastic .....	40
Concentric Wall Termination SS.....	40
Concentric Roof Termination.....	40

## ❖❖❖ UL-1738 & ULC-S636 Listed

- Approved for use in the United States and Canada
- The only single wall polymeric vent system listed to the rigorous UL-1738 safety standard
- Application specific custom parts
- Centrotherm's full expertise and industry support

## ❖❖❖ 10 Year Limited Warranty

- InnoFlue® vent systems are supported by an industry leading 10 year limited manufacturer's warranty

## ❖❖❖ Construction

- Industry leading 2mm wall thickness provides impact protection
- Polypropylene is highly corrosion resistant, making it suitable for both gas and oil fired appliances
- UL-1738 and ULC-S636 certified for sustained flue gases up to 230°F (110°C).
- Zero clearance to combustibles
- PPs-UV Black termination components provide enhanced UV protection
- High quality joint connections for a consistently tight fit up

## ❖❖❖ Integrated Gasket System

- No adhesives required
- Allows for post installation adjustments
- Immediate use of appliance upon installation

## ❖❖❖ Rapid Installation

- Light weight allows for ease of handling and installation
- Reduced labor costs up to 75%
- No special tools required

## ❖❖❖ LEED Compliance

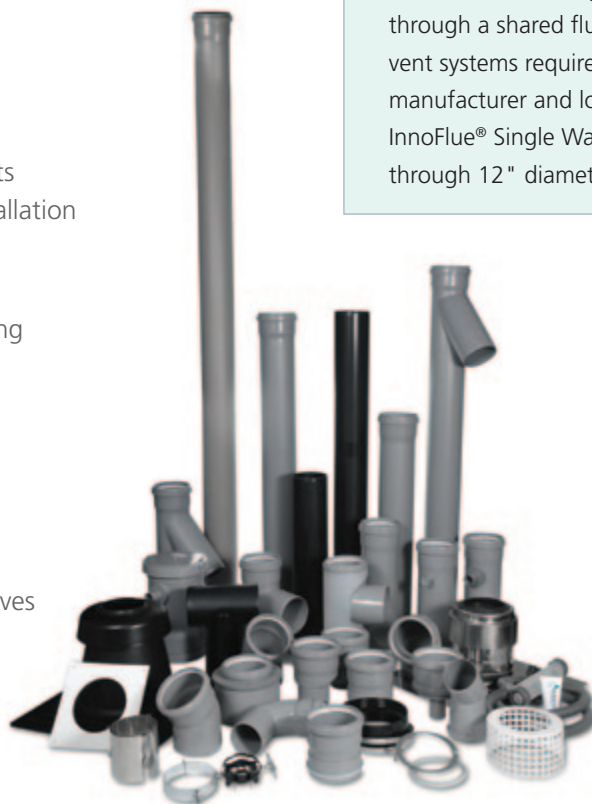
- Uses 100% recyclable polypropylene
- No solvent based PVC or CPVC adhesives per IE credit 4.1

## ❖❖❖ APPLICATION

InnoFlue® Single Wall is UL-1738 II, III & IV and ULC-S636 BH Gas Vent System Class II C listed for use with natural gas and propane fired appliances. InnoFlue® Single Wall can also be used with oil fired condensing appliances with a maximum flue gas temperature of 230° (110°C). InnoFlue® Single Wall is installed inside a chase, wall or left exposed on the interior of a structure.

## ❖❖❖ CONFIGURATION

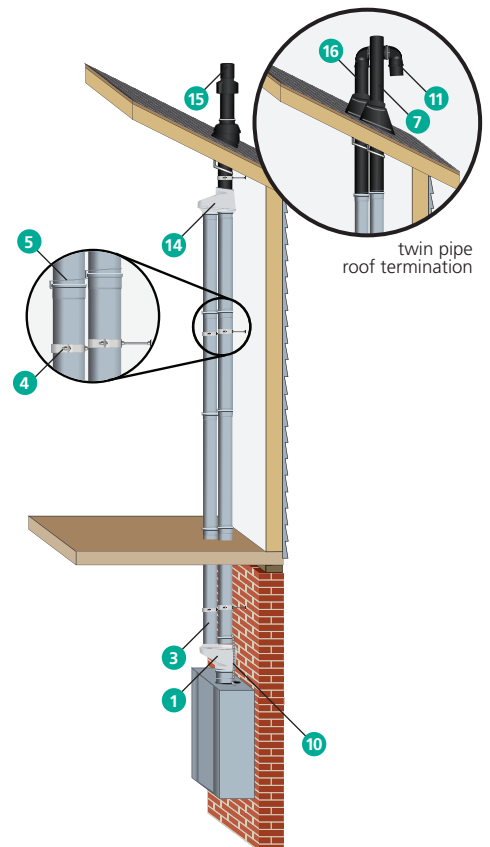
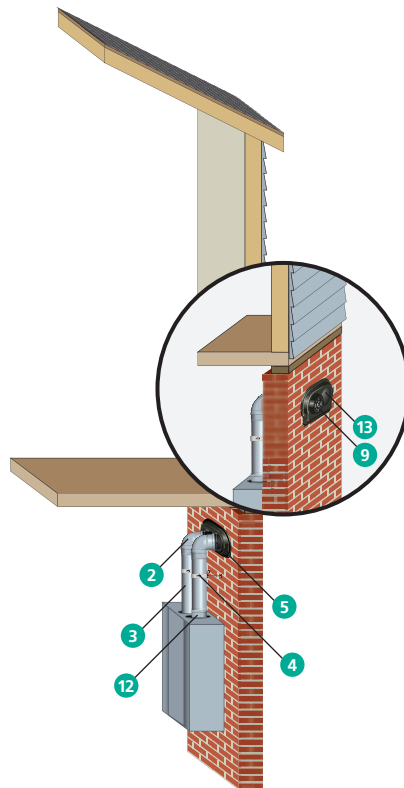
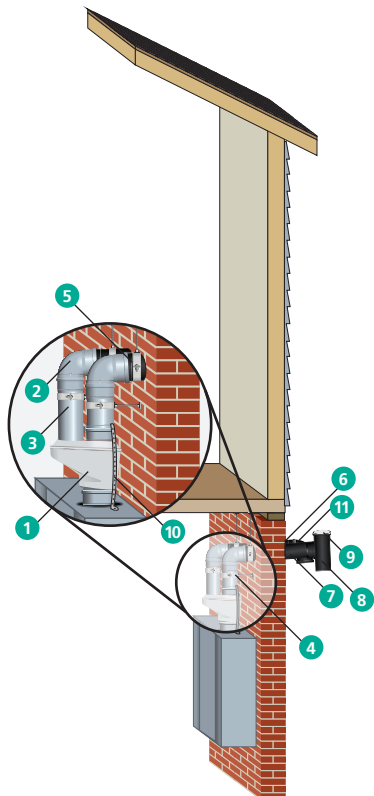
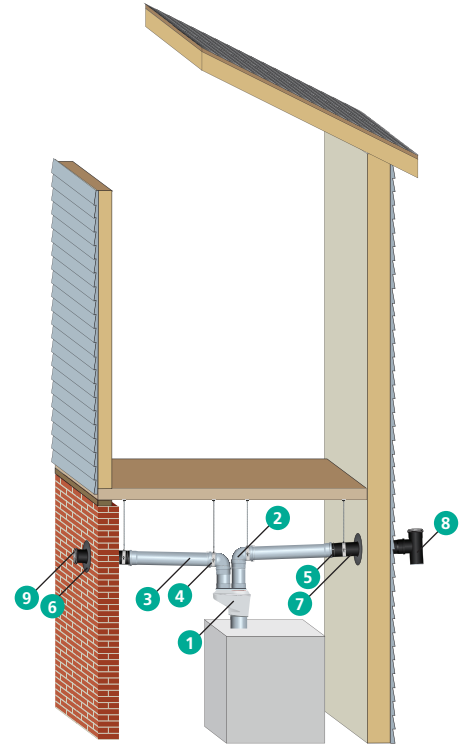
InnoFlue® Single Wall is a highly engineered vent system that can be used in conjunction with our InnoFlue® Flex or Concentric Vent Systems. InnoFlue Single Wall can be installed as a stand alone exhaust or used to common vent multiple appliances through a shared flue. Common vent systems require appliance manufacturer and local code approval. InnoFlue® Single Wall is available in 2" through 12" diameters.



# INNOFLUE® SINGLE WALL TYPICAL INSTALLATIONS

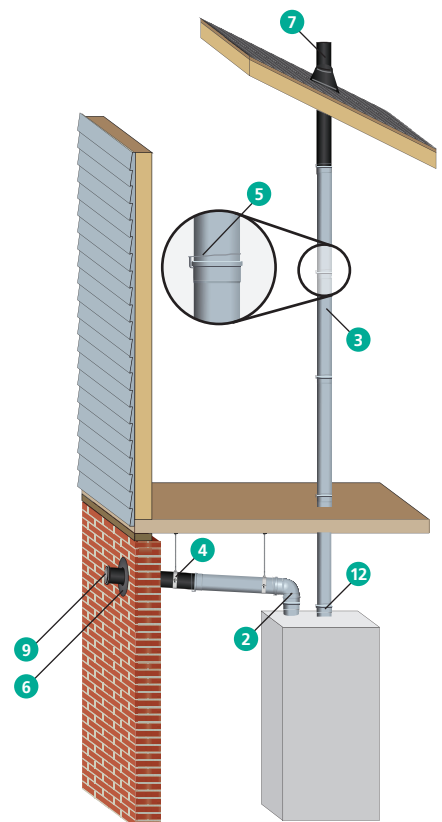
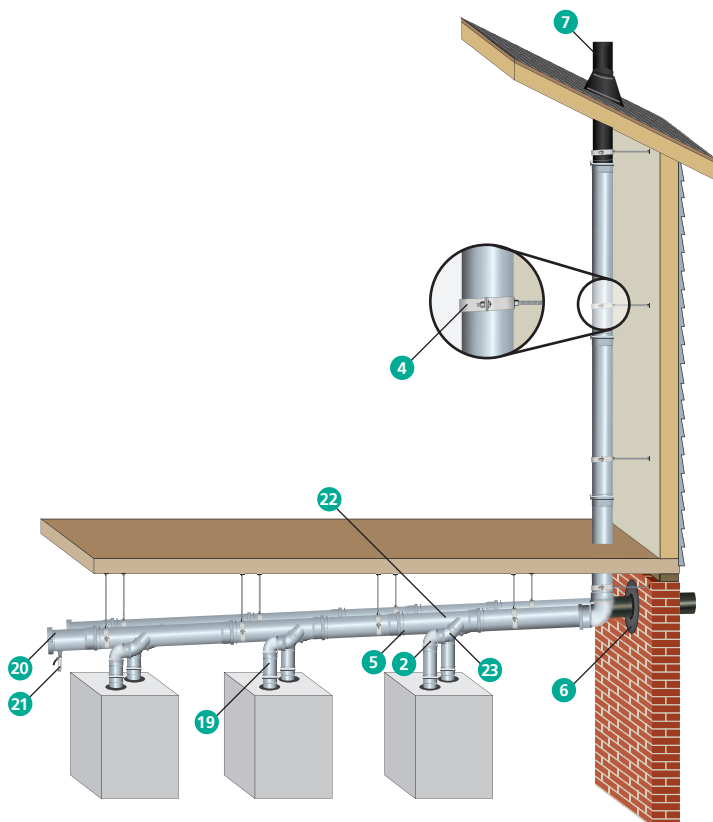
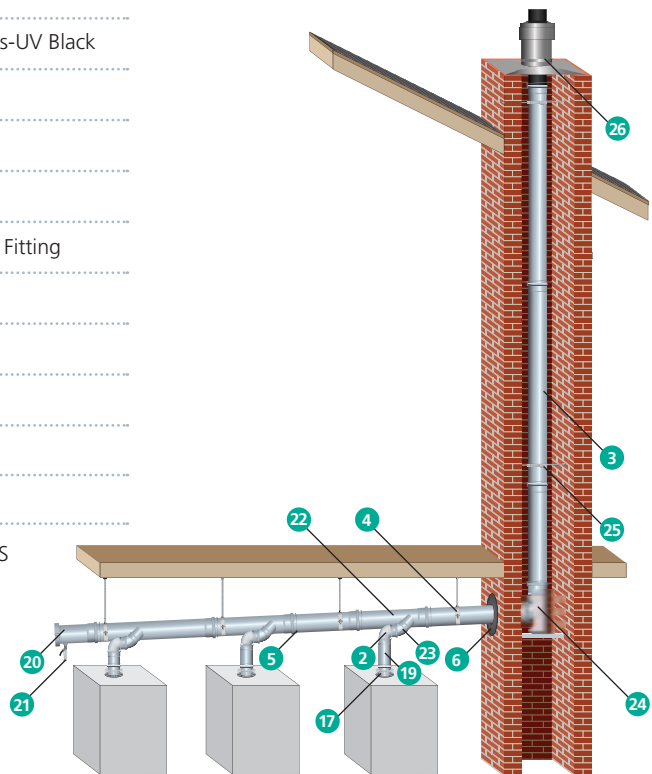
- 1 **ICCT:** Concentric to Twin Pipe Adaptor
- 2 **ISEL87:** 87° Elbow
- 3 **ISVL:** Vent Length
- 4 **IASC:** Support Clamp
- 5 **IANS:** Connector Ring
- 6 **IAWP:** Wall Plate
- 7 **ISEP:** End Pipe PPs-UV
- 8 **ISTT:** Termination Tee PPs-UV
- 9 **IASPP:** Bird Screen PPs-UV
- 10 **IAHS:** Hurricane Strap
- 11 **ISELLUV:** 87° Elbow Long PPs-UV
- 12 **ISAGL or ISAAL:** Appliance Adaptor
- 13 **ISLPT:** Low Profile Wall Termination
- 14 **ICTC:** Twin Pipe to Concentric Adaptor

- 15 **ICRT:** Concentric Roof Termination
- 16 **ISVLUV:** Vent Length PPs-UV Black
- 17 **IAAI:** Air Intake
- 18 **ISEL45:** 45° Elbow
- 19 **ISTP:** Test Port
- 20 **ISHDF:** Horizontal Drain Fitting
- 21 **IALIS:** Siphon
- 22 **ISBT:** Branch Tee
- 23 **ISEL0430:** 30° Elbow
- 24 **ISBS:** Base Support
- 25 **IASP:** Spacer
- 26 **ISCM:** Chimney Cover SS w/PPs-UV End Pipe



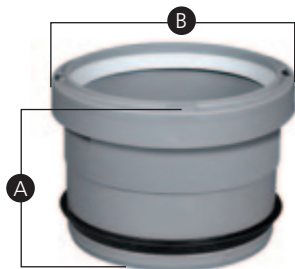
# INNOFLUE® SINGLE WALL TYPICAL INSTALLATIONS

- 1 ICCT: Concentric to Twin Pipe Adaptor
- 2 ISEL87: 87° Elbow
- 3 ISVL: Vent Length
- 4 IASC: Support Clamp
- 5 IANS: Connector Ring
- 6 IAWP: Wall Plate
- 7 ISEP: End Pipe PPs-UV
- 8 ISTT: Termination Tee PPs-UV
- 9 IASPP: Bird Screen PPs-UV
- 10 IAHS: Hurricane Strap
- 11 ISELLUV: 87° Elbow Long PPs-UV
- 12 ISAGL or ISAAL: Appliance Adaptor
- 13 ISLPT: Low Profile Wall Termination
- 14 ICTC: Twin Pipe to Concentric Adaptor
- 15 ICRT: Concentric Roof Termination
- 16 ISVLUV: Vent Length PPs-UV Black
- 17 IAAI: Air Intake
- 18 ISEL45: 45° Elbow
- 19 ISTP: Test Port
- 20 ISHDF: Horizontal Drain Fitting
- 21 IALIS: Siphon
- 22 ISBT: Branch Tee
- 23 ISEL0430: 30° Elbow
- 24 ISBS: Base Support
- 25 IASP: Spacer
- 26 ISCM: Chimney Cover SS w/PPs-UV End Pipe





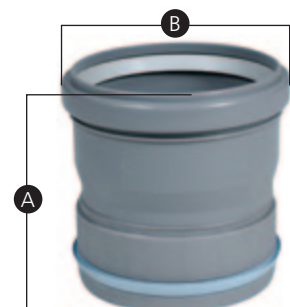
## Appliance Adaptors



### Appliance Adaptors w/Gasket PVC to PPs

Adapts a female PVC / CPVC coupler or appliance flue exhaust to InnoFlue® SW or Flex.

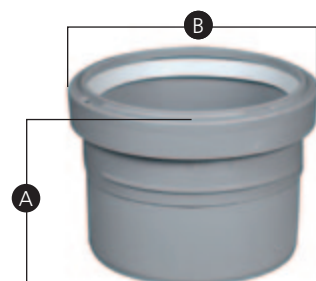
Nominal Diameter PVC to PP	Part #	Overall Length "A"	Max O.D. "B"
2" / 2" (60/60)	ISAGL0202	3.3 (83)	3.1 (79.5)
3" / 3" (89/80)	ISAGL0303	3.0 (75)	3.9 (98.5)
4" / 4" (114/110)	ISAGL0404	3.4 (87)	5.1 (130)
6" / 6" (168/160)	ISAGL0606	7.6 (194)	7.0 (178)



### Appliance Adaptors w/Gasket PVC to PPs

Adapts a female PVC / CPVC coupler or appliance flue exhaust to InnoFlue® SW or Flex.

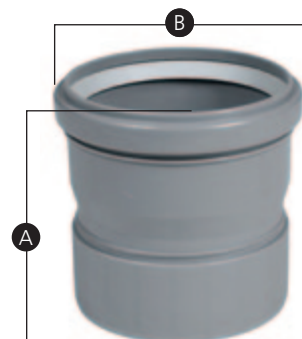
Nominal Diameter PVC to PP	Part #	Overall Length "A"	Max O.D. "B"
4" / 4" (114/110)	ISAG0404	4.8 (122)	5.0 (126)
5" / 5" (140/125)	ISAG0505	5.7 (144)	5.8 (146)
6" / 6" (167/160)	ISAG0606	7.1 (181)	7.3 (185)



### Appliance Adaptors PVC to PPs

Adapts a female stainless steel appliance flue exhaust (with integrated gasket) to InnoFlue® SW or Flex.

Nominal Diameter PVC to PP	Part #	Overall Length "A"	Max O.D. "B"
2" / 2" (60/60)	ISAAL0202	3.3 (83)	3.1 (79.5)
3" / 3" (89/80)	ISAAL0303	3.0 (75)	3.9 (98.5)
4" / 4" (114/110)	ISAAL0404	3.4 (87)	5.1 (130)
6" / 6" (168/160)	ISAAL0606	7.6 (194)	7.0 (178)

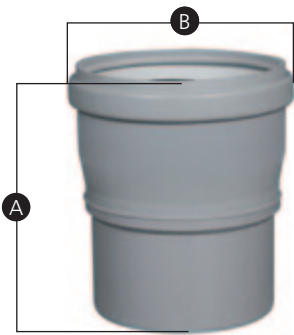


### Appliance Adaptors PVC to PPs

Adapts a female stainless steel appliance flue exhaust (with integrated gasket) to InnoFlue® SW or Flex.

Nominal Diameter PVC to PP	Part #	Overall Length "A"	Max O.D. "B"
2" / 2" (59/60)	ISAA0202	4.0 (102)	2.9 (74)
3" / 3" (87/80)	ISAA0303	4.4 (111)	3.7 (95)
4" / 4" (114/110)	ISAA0404	4.8 (122)	5.0 (126)
5" / 5" (140/125)	ISAA0505	5.7 (144)	5.8 (146)
6" / 6" (167/160)	ISAA0606	7.1 (181)	7.3 (185)

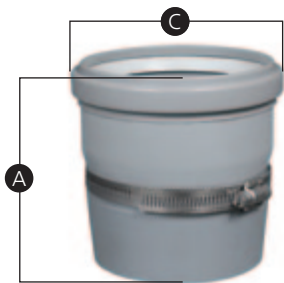
# INNOFLUE® SINGLE WALL COMPONENTS



## Appliance Adaptors PPs to PPs

Adapts a female metric sized appliance flue exhaust to InnoFlue®.

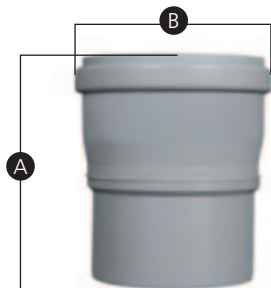
Nominal Diameter	Part #	Overall Length "A"	Max O.D. "B"
4"/4" (100/110)	ISIA10004	6.6 (168)	5.1 (128)
6"/6" (150/160)	ISIA15006	7.7 (195)	7.3 (185)
6"/4" (150/110)	ISRD15004	8.8 (223)	5.9 (150)
5"/5" (130/125)	ISRD13005	5.0 (127)	5.1 (130)



## Commercial Appliance Adaptors with Clamp

Adapts a tapered female stainless steel appliance flue exhaust with tabs to InnoFlue®.

Nominal Diameter	Part #	Overall Length "A"	Max O.D. "B"
3" (80)	ISAAS0303	4.5 (115)	3.8 (97)
4" (110)	ISAAS0404	4.8 (122)	4.5 (115)



## Commercial Appliance Adaptors SS to PPs

Adapts a stainless steel appliance flue exhaust with gasket and clamp to InnoFlue®.

Nominal Diameter	Part #	Overall Length "A"	Max O.D. "B"
3" (80)	ISSA0303	6.0 (153)	3.8 (97)
4" (110)	ISSA0404	6.0 (153)	5.0 (127)
5" (125)	ISSA0505	6.5 (166)	5.8 (148)
6" (160)	ISSA0606	7.6 (194)	7.2 (183)
7" (180) to 8" (200)	ISSA0708	9.0 (229)	8.8 (224)
8" (200)	ISSA0808	9.0 (229)	8.8 (224)
9" (230) to 10" (250)	ISSA0910	9.0 (229)	10.8 (275)
10" (250)	ISSA1010	9.0 (229)	10.8 (275)
12" (315)	ISSA1212	15.5 (394)	14.0 (356)

# INNOFLUE® SINGLE WALL COMPONENTS

## Commercial Appliance Adaptor w/ Condensate Drain and Vibration Isolation Boot

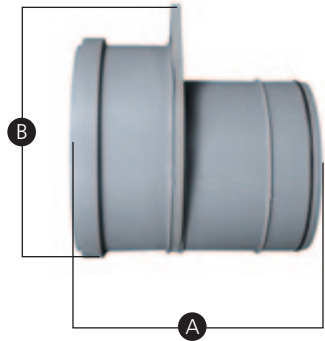
Adapts Camus Dynaforce boilers to InnoFlue.® Other increasing size combinations available upon request.



Nominal Diameter	Part #	Overall Length "A"	Max O.D. "B"
4" (110)	ISAACD0404	12.7 (323)	4.9 (125)
5" (125)	ISAACD0505	13.3 (338)	6.3 (161)
6" (160)	ISAACD0606	13.8 (351)	7.9 (201)
7" (180) to 8" (200)	ISAACD0708	15.5 (394)	7.9 (201)
8" (200)	ISAACD0808	15.5 (394)	9.9 (252)
9" (230) to 10" (250)	ISAACD0910	15.5 (394)	12.5 (318)
10" (250)	ISAACD1010	15.5 (394)	12.5 (318)
12" (315)	ISAACD1212	25 (635)	14.0 (356)

## Commercial Appliance Adaptors

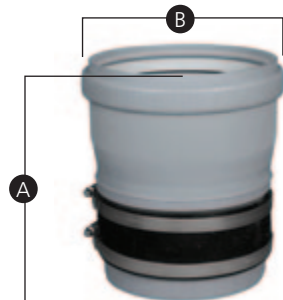
Adapts RBI Fusion boilers to InnoFlue.®



Nominal Diameter	Part #	Overall Length "A"	Max O.D. "B"
7" (180) to 8" (200)	ISAF0708	9.0 (229)	8.8 (224)
8" (200)	ISAF0808	8.0 (204)	8.8 (224)
10" (250)	ISAF1010	8.0 (204)	10.8 (275)

## Commercial Appliance Adaptor w/ Vibration Isolation Boot

Adapts Raypak XTherm to InnoFlue.® Longer lengths available upon request.



Nominal Diameter	Part #	Overall Length "A"	Max O.D. "B"
5" (150) to 6" (160)	ISAAR15006	6" (152)	7.2 (183)
8" (200)	ISAAR0808	8" (203)	8.8 (224)

## Custom Appliance Adaptors Available

Available to fit most residential and commercial heating appliances. Call for pricing.

# INNOFLUE® SINGLE WALL COMPONENTS

## Vibration Isolation Boot with Clamps

High temperature silicone boot seals InnoFlue® SW Vent Lengths and Fittings to appliance flue outlet.



Nominal Diameter PVC to PP	Part #	Width	I.D
6" (160)	ISVIB06	2.4 (60)	6.3 (160)
8" (200)	ISVIB08	2.4 (60)	7.9 (200)
10" (250)	ISVIB10	2.4 (60)	9.8 (250)
12" (315)	ISVIB12	2.4 (60)	12.4 (315)

## Increasesers & Reducers

### Centric Increasesers

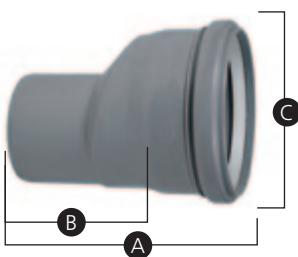
Transitions vent system to a larger diameter. Install in vertical orientation only. Additional configurations available upon request.



Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Max O.D. "C"
2"/3" (60/80)	ISIA0203	5.9 (150)	3.5 (89)	3.7 (95)
3"/4" (80/110)	ISIA0304	5.7 (145)	3.2 (81)	5.0 (126)
4"/5" (110/125)	ISIA0405	6.8 (173)	4.3 (110)	5.8 (146)
5"/6" (125/160)	ISIA0506	7.2 (185)	4.3 (110)	7.3 (185)
6"/8" (160/200)	ISIA0608	10.4 (265)	6.5 (165)	8.8 (224)
8"/10" (200/250)	ISIA0810	11.6 (295)	7.7 (195)	10.8 (273)
10"/12" (250/315)	ISIA1012	18.2 (463)	5.5 (141)	13.8 (351)

### Eccentric Increaser

Transitions vent system to a larger diameter. Install in horizontal or vertical orientation. Other size combinations available upon request.

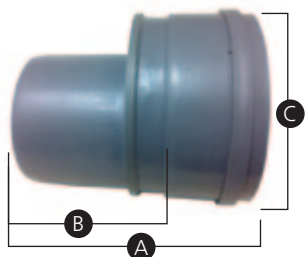


Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Max O.D. "C"
2"/3" (60/80)	ISEI0203	5.3 (135)	3.1 (79)	3.8 (97)
3"/4" (80/110)	ISEI0304	6.1 (156)	3.6 (91)	5.0 (128)

# INNOFLUE® SINGLE WALL COMPONENTS

## Eccentric Increaser

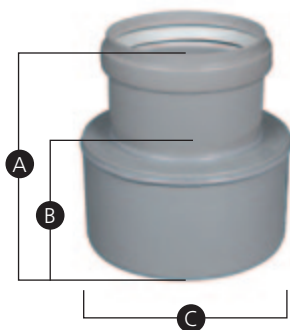
Transitions vent system to a larger diameter. Install in horizontal or vertical orientation. Other size combinations available upon request.



Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Max O.D. "C"
4"/5" (110/125)	ISEI0405	6.7 (170)	4.2 (106)	5.7 (145)
5"/6" (125/160)	ISEI0506	7.2 (185)	4.3 (108)	7.3 (185)
6"/8" (160/200)	ISEI0608	10.4 (265)	6.5 (165)	8.8 (224)
8"/10" (200/250)	ISEI0810	11.8 (300)	7.8 (200)	10.8 (273)
10"/12" (250/300)	ISEI1012	20.2 (514)	7.8 (200)	13.8 (351)

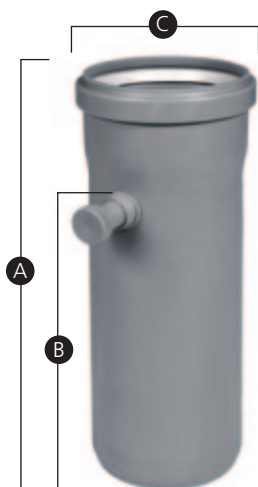
## Reducers

Transitions vent system to a smaller diameter.



Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Max O.D. "C"
3"/2" (80/60)	ISRD0302	6.0 (153)	3.5 (89)	3.2 (82)
4"/3" (110/80)	ISRD0403	6.0 (153)	3.5 (89)	4.3 (110)
5"/4" (125/110)	ISRD0504	6.5 (166)	4.0 (102)	5.9 (150)
6"/4" (160/110)	ISRD0604	6.5 (166)	4.0 (102)	6.3 (160)
6"/5" (160/125)	ISRD0605	6.5 (166)	4.0 (102)	7.2 (183)
8"/6" (200/160)	ISRD0806	8.0 (204)	5.2 (133)	7.9 (201)
10"/8" (250/200)	ISRD1008	9.2 (234)	5.2 (133)	9.9 (252)
12"/10" (315/250)	ISRD1210	17.9 (455)	14.0 (356)	12.5 (318)

## Test Ports

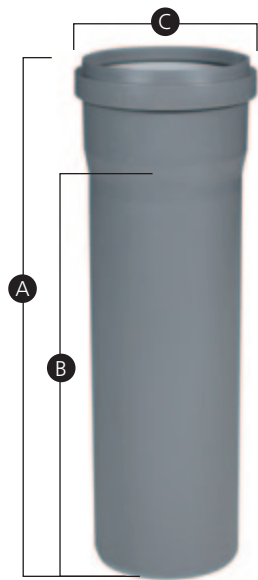


## Test Ports

Installed immediately above the appliance, the test port allows maintenance professionals to sample flue gases and ensure the appliance is operating at optimum efficiency.

Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Max O.D. "C"
2" (60)	ISTP02	7.0 (170)	4.3 (110)	3.0 (75)
3" (80)	ISTP03	7.0 (170)	4.5 (115)	3.7 (95)
4" (110)	ISTP04	12.4 (314)	9.8 (250)	5.1 (128)
5" (125)	ISTP05	12.6 (320)	9.8 (250)	5.8 (146)
6" (160)	ISTP06	12.7 (323)	9.8 (250)	7.3 (185)
8" (200)	ISTP08	15.9 (405)	12.0 (305)	8.8 (224)
10" (250)	ISTP10	15.9 (405)	12.0 (305)	10.7 (273)
12" (315)	ISTP12	36.7 (932)	24 (610)	13.8 (351)

## Vent Lengths

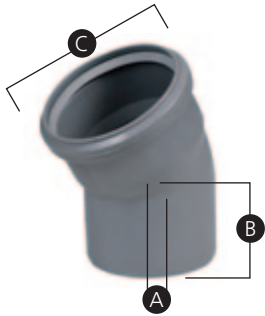


### Straight Vent Lengths

Gasketed rigid polypropylene vent lengths with dedicated male and female ends. Male ends can be field cut to length.

Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Max O.D. "C"
2" (60)	ISVL021	14.5 (368)	12 (305)	3.0 (75)
2" (60)	ISVL022	26.5 (673)	24 (610)	3.0 (75)
2" (60)	ISVL023	38.5 (978)	36 (914)	3.0 (75)
2" (60)	ISVL026	74.5 (1892)	72 (1829)	3.0 (75)
3" (80)	ISVL031	14.5 (368)	12 (305)	3.7 (95)
3" (80)	ISVL032	26.5 (673)	24 (610)	3.7 (95)
3" (80)	ISVL033	38.5 (978)	36 (914)	3.7 (95)
3" (80)	ISVL036	74.5 (1892)	72 (1829)	3.7 (95)
4" (110)	ISVL041	14.5 (368)	12 (305)	5.1 (129)
4" (110)	ISVL042	26.5 (673)	24 (610)	5.1 (129)
4" (110)	ISVL043	38.5 (978)	36 (914)	5.1 (129)
4" (110)	ISVL046	74.5 (1892)	72 (1829)	5.1 (129)
5" (125)	ISVL051	14.5 (368)	12 (305)	5.8 (146)
5" (125)	ISVL052	26.5 (673)	24 (610)	5.8 (146)
5" (125)	ISVL053	38.5 (978)	36 (914)	5.8 (146)
5" (125)	ISVL056	74.5 (1892)	72 (1829)	5.8 (146)
6" (160)	ISVL061	14.5 (368)	12 (305)	7.8 (185)
6" (160)	ISVL062	26.5 (673)	24 (610)	7.8 (185)
6" (160)	ISVL063	38.5 (978)	36 (914)	7.8 (185)
6" (160)	ISVL066	74.5 (1892)	72 (1829)	7.8 (185)
8" (200)	ISVL081	16.2 (412)	12 (305)	8.8 (224)
8" (200)	ISVL082	28.2 (716)	24 (610)	8.8 (224)
8" (200)	ISVL083	40.2 (1021)	36 (914)	8.8 (224)
8" (200)	ISVL086	76.2 (1935)	72 (1829)	8.8 (224)
10" (250)	ISVL101	16.1 (410)	12 (305)	10.7 (273)
10" (250)	ISVL102	28.1 (715)	24 (610)	10.7 (273)
10" (250)	ISVL103	40.1 (1019)	36 (914)	10.7 (273)
10" (250)	ISVL106	76.1 (1934)	72 (1829)	10.7 (273)
12" (315)	ISVL102	36.7 (932)	24 (610)	13.8 (351)
12" (315)	ISVL103	48.7 (1236)	36 (914)	13.8 (351)
12" (315)	ISVL106	84.7 (2151)	72 (1829)	13.8 (351)

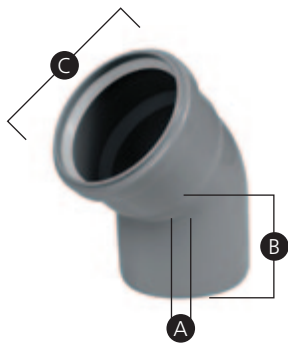
## Elbows



### 30° Elbow

For offsets or changes in the direction of the vent system for appliances in a cascade configuration.

Nominal Diameter	Part #	Centerline Offset "A"	Effective Length "B"	Max O.D. "C"
4" (110)	ISEL0430	.4 (11)	3.8 (96)	5.0 (127)



### 45° Elbow

For offsets or changes in the direction of the vent system.

Nominal Diameter	Part #	Centerline Offset "A"	Effective Length "B"	Max O.D. "C"
3" (80)	ISEL0345	2.2 (56)	3.6 (92)	3.7 (95)
4" (110)	ISEL0445	2.2 (63)	4.1 (105)	5.0 (127)
5" (125)	ISEL0545	2.7 (68)	4.8 (122)	5.6 (142)
6" (160)	ISEL0645	3.2 (81)	5.5 (138)	7.1 (181)
8" (200)	ISEL0845	3.8 (96)	13.1 (332)	8.8 (224)
10" (250)	ISEL1045	4.1 (105)	14.3 (364)	10.7 (273)
12" (315)	ISEL1245	5.5 (139)	23.6 (599)	13.8 (351)



### 45° Elbow Long

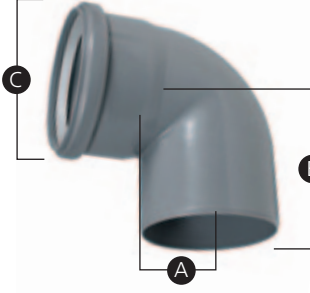
Longer 45° Elbow allows for greater offsets when changing direction or avoiding obstructions.

Nominal Diameter	Part #	Centerline Offset "A"	Effective Length "B"	Max O.D. "C"
2" (60)	ISELL0245	2.2 (56)	3.8 (96)	3.0 (76)
3" (80)	ISELL0345	2.9 (73)	4.6 (117)	3.7 (95)

# INNOFLUE® SINGLE WALL COMPONENTS

## 87° Elbow

For offsets or changes in the direction of the vent system.



Nominal Diameter	Part #	Centerline Offset "A"	Effective Length "B"	Max O.D. "C"
3" (80)	ISEL0387	1.9 (47)	3.9 (100)	3.7 (95)
4" (110)	ISEL0487	2.4 (60)	4.6 (118)	4.9 (125)
5" (125)	ISEL0587	2.7 (68)	5.5 (139)	5.6 (142)
6" (160)	ISEL0687	3.4 (86)	6.3 (160)	7.1 (181)
8" (200)	ISEL0887	9.5 (242)	14.0 (355)	8.8 (224)
10" (250)	ISEL1087	11.3 (287)	15.7 (399)	10.7 (273)
12" (315)	ISEL1287	14.3 (364)	25.7 (653)	13.8 (351)

## 87° Elbow Long

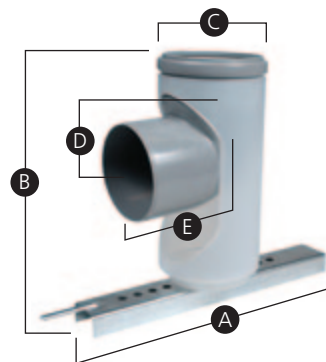
Longer 87° Elbow allows for greater offsets when changing direction or avoiding obstructions.



Nominal Diameter	Part #	Centerline Offset "A"	Effective Length "B"	Max O.D. "C"
2" (60)	ISELLO287	2.5 (63)	4.8 (121)	3.0 (76)
3" (80)	ISELLO387	5.3 (133)	5.1 (129)	3.7 (95)

## Base Support

Supports vertical sections of rigid and flexible vent lengths installed in chimneys and chases.



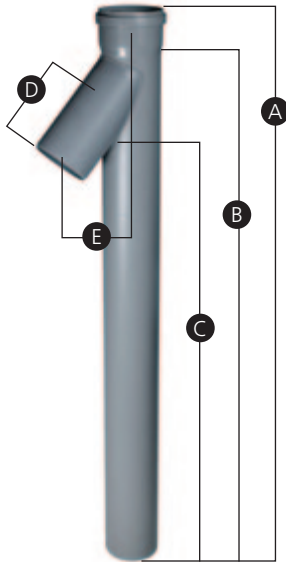
Nominal Diameter	Part #	Base Length "A"	Height "B"	Max O.D. "C"	Effective "D"	Effective "E"
2" (60)	ISBS0287	15.8 (400)	9.4 (238)	3.0 (76)	2.7 (69)	4.6 (118)
3" (80)	ISBS0387	15.8 (400)	10.6 (269)	3.7 (95)	3.4 (86)	4.9 (125)
4" (110)	ISBS0487	15.8 (400)	11.5 (291)	4.9 (125)	2.6 (65)	4.5 (115)
5" (125)	ISBS0587	15.8 (400)	13.4 (341)	5.6 (142)	2.9 (74)	5.4 (136)
6" (160)	ISBS0687	15.8 (400)	13.2 (335)	7.1 (181)	3.7 (93)	6.1 (156)
8" (200)	ISBS0887	15.8 (400)	22.7 (577)	8.8 (224)	10.2 (260)	13.5 (342)
10" (250)	ISBS1087	27.6 (700)	29.5 (750)	10.7 (273)	12.1 (307)	15.1 (383)
12" (315)	ISBS1287	27.6 (700)	46.9 (1191)	13.8 (351)	15.7 (398)	24.9 (633)



## Cascade Components

### Branch Tee with 4" Feeder

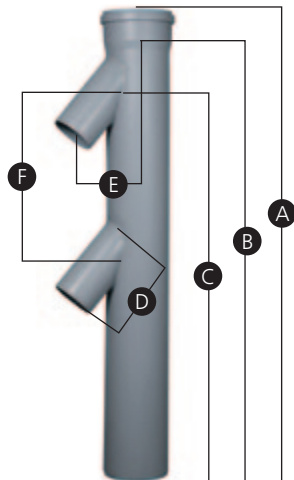
42 degree Y allows for the cascading of appliances in an inline configuration. Other sizes and configurations available upon request.



Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Effective Length "C"	Feeder Length "D"	Offset "E"
4" (110)	ISBT040415	17.7 (449)	15.2 (385)	8.1 (205)	7.9 (200)	5.8 (148)
4" (110)	ISBT040442	44.3 (1124)	41.7 (1060)	34.6 (880)	7.9 (200)	5.8 (148)
5" (125)	ISBT050412	14.8 (376)	12.0 (305)	4.9 (124)	7.9 (200)	6.1 (156)
5" (125)	ISBT050442	44.5 (1131)	41.7 (1060)	34.6 (879)	7.9 (200)	6.1 (156)
6" (160)	ISBT060412	15.2 (386)	12.0 (305)	4.3 (122)	7.9 (200)	6.8 (173)
6" (160)	ISBT060442	45.0 (1141)	41.7 (1060)	34.5 (877)	7.9 (200)	6.8 (173)
8" (200)	ISBT080412	15.9 (405)	12.0 (305)	4.7 (121)	7.9 (200)	7.6 (193)
8" (200)	ISBT080439	45.7 (1160)	41.7 (1060)	34.5 (876)	7.9 (200)	7.6 (193)
10" (250)	ISBT100412	15.9 (405)	12.0 (305)	4.7 (121)	7.9 (200)	8.6 (218)
10" (250)	ISBT100442	45.7 (1160)	41.7 (1060)	34.5 (876)	7.9 (200)	8.6 (218)
12" (315)	ISBT120426	39.1 (992)	26.4 (670)	18.9 (480)	7.9 (200)	9.9 (251)
12" (315)	ISBT120439	52 (1322)	39.4 (1000)	32.3 (820)	7.9 (200)	9.9 (251)

### Branch Tee w/2 x 4" Feeders

2 x 42 degree Ys allows for the cascading of appliances in a back to back configuration. Other sizes and configurations available upon request.

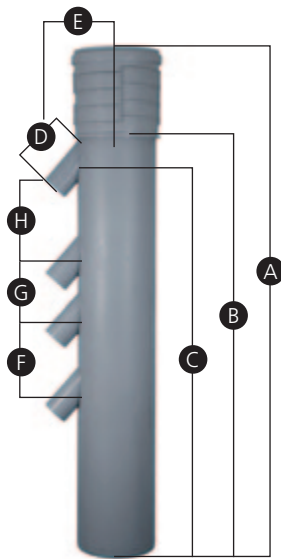


Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Effective Length "C"	Feeder Length "D"	Offset "E"	Offset "F"
6" (160)	ISBT0604422	45.0 (1142)	41.7 (1060)	34.5 (875)	7.9 (200)	6.8 (173)	15.9 (405)
8" (200)	ISBT0804422	45.7 (1160)	41.7 (1060)	34.5 (876)	7.9 (200)	7.6 (193)	15.8 (400)

# INNOFLUE® SINGLE WALL COMPONENTS

## Branch Tee w/4 x 4" Feeders

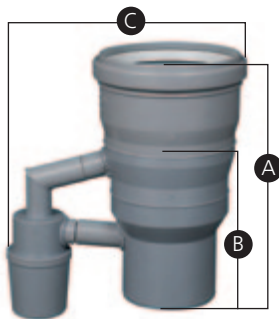
4 x 42 degree Ys allows for the cascading of appliances in a back to back configuration. Other sizes and configurations available upon request.



Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Effective Length "C"	Feeder Length "D"	Offset "E"	Offset "F"	Offset "G"	Offset "H"
10" (250)	ISBT1004514	55.1 (1400)	51.2 (1300)	43.9 (1116)	7.9 (200)	8.6 (218)	11.8 (299)	9.1 (232)	14.6 (371)
12" (315)	ISBT1204744	86.5 (2198)	73.8 (1876)	66.6 (1691)	7.9 (200)	9.9 (250)	11.8 (299)	9.1 (232)	14.6 (371)

## Non-Return Valve

Used in cascade or common vent configurations, Non-Return Valves prevent the escape of combustion gas through non-operating appliances. Product is only available for purchase through original equipment manufacturers.

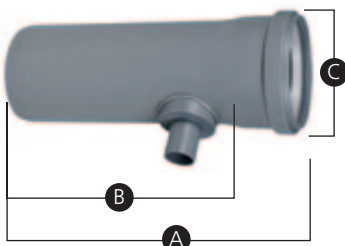


Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Max Dia. "C"
3" to 4" (80/110)	ISNRV0304	9.7 (246)	7.4 (188)	8.9 (225)
4" to 4" (110/110)	ISNRV0404	10.3 (262)	8.0 (204)	8.9 (225)

## Condensate Management

### Horizontal Drain Tee

Use to drain condensate from the vent system. Install in horizontal section closest to appliance. 32mm O.D. drain.

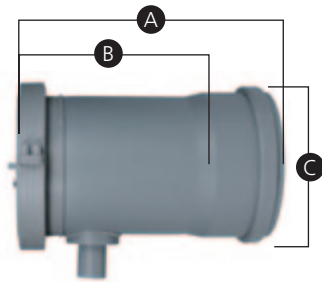


Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Max O.D. "C"
2" (60)	ISHDT02	9.8 (250)	7.3 (186)	3.0 (76)
3" (80)	ISHDT03	9.8 (250)	7.3 (186)	3.7 (94)
4" (110)	ISHDT04	12.4 (315)	9.8 (250)	4.9 (125)
5" (125)	ISHDT05	12.4 (315)	9.8 (250)	5.8 (146)
6" (160)	ISHDT06	12.4 (315)	9.8 (250)	7.3 (185)
8" (200)	ISHDT08	16.0 (405)	12.0 (305)	8.8 (224)
10" (250)	ISHDT10	16.0 (405)	12.0 (305)	10.7 (273)
12" (315)	ISHDT12	36.7 (1932)	24.0 (1610)	13.8 (351)

# INNOFLUE® SINGLE WALL COMPONENTS

## Horizontal Drain Fitting

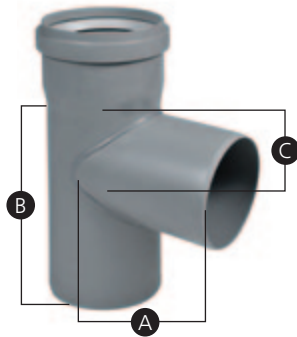
Placed at the end of the last Branch Tee in a cascade configuration, the Horizontal Drain Fitting removes condensate from the system and allows for system clean out. 32mm O.D. drain.



Nominal Diameter	Part #	Drain O.D. "A"	Effective Length "B"	Max O.D. "C"
4" (110)	ISHDF04	1.3 (32)	7.2 (182)	5.1 (128)
5" (125)	ISHDF05	1.3 (32)	7.4 (187)	5.8 (146)
6" (160)	ISHDF06	1.3 (32)	8.2 (209)	7.3 (185)
8" (200)	ISHDF08	1.3 (32)	8.5 (215)	8.8 (224)
10" (250)	ISHDF10	1.3 (32)	13.8 (350)	10.8 (273)
12" (315)	ISHDF12	1.3 (32)	6.3 (160)	13.8 (350)

## Tee

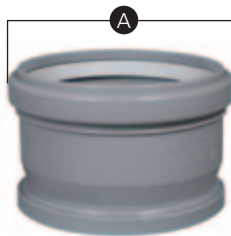
Use to change the direction of the vent system.



Nominal Diameter	Part #	Effective Length "A"	Effective Length "B"	Effective Length "C"
4" (110)	IST04	5.6 (142)	8.4 (214)	3.0 (76)
5" (125)	IST05	5.9 (149)	10.1 (256)	3.7 (94)
6" (160)	IST06	6.6 (168)	11.2 (284)	4.1 (105)
8" (200)	IST08	8.5 (215)	15.2 (387)	6.5 (165)
10" (250)	IST10	16.5 (419)	16.5 (420)	7.0 (179)
12" (315)	IST12	19.7 (500)	28.7 (728)	7.5 (189.5)

## Tee Cap

Seals non-utilized tees and branch tees.

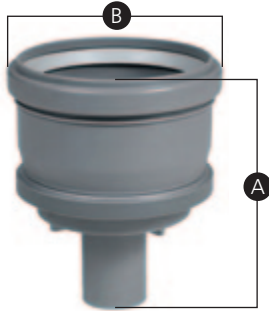


Nominal Diameter	Part #	Max O.D. "A"
4" (110)	ISTC04	4.9 (125)
5" (125)	ISTC05	5.8 (146)
6" (160)	ISTC06	7.3 (185)
8" (200)	ISTC08	8.8 (224)
10" (250)	ISTC10	10.7 (273)
12" (315)	ISTC12	13.8 (351)

# INNOFLUE® SINGLE WALL COMPONENTS

## Tee Cap with Drain

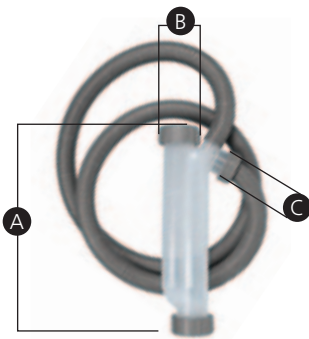
Use to drain condensate from the vent system.



Nominal Diameter	Part #	Overall Length "A"	Max O.D. "B"
4" (110)	ISTCD04	5.9 (150)	5.0 (126)
5" (125)	ISTCD05	6.4 (163)	5.8 (146)
6" (160)	ISTCD06	6.9 (175)	7.3 (185)
8" (200)	ISTCD08	8.9 (225)	8.8 (224)
10" (250)	ISTCD10	8.9 (225)	10.7 (273)
12" (315)	ISTCD12	16.0 (407)	13.8 (351)

## Long John Siphon

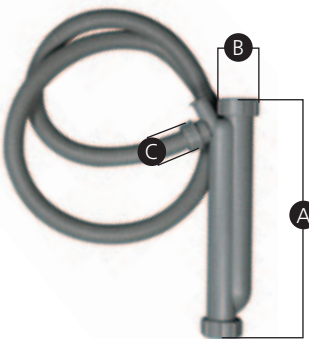
Attaches to Horizontal Drain Tee, or Horizontal Drain Fitting allowing condensate to escape system while containing combustion gases.



Nominal Diameter	Part #	Overall Length "A"	I.D. "B"	O.D. "C"
1.3 (32)	IALJS	9.7 (247)	1.3 (32)	1.3 (32)

## Extra Long John Siphon

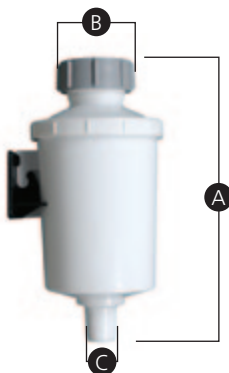
Attaches to Horizontal Drain Tee, or Horizontal Drain Fitting allowing condensate to escape system while containing combustion gases.



Nominal Diameter	Part #	Overall Length "A"	I.D. "B"	O.D. "C"
1.3 (32)	IAELJS	11.9 (302)	1.3 (32)	1.3 (32)

## Ball Valve Siphon

Attaches to Horizontal Drain Tee, or Horizontal Drain Fitting allowing condensate to escape system while containing combustion gases.



Nominal Diameter	Part #	Overall Length "A"	I.D. "B"	O.D. "C"
1.3 (32)	IASBV	7.3 (187)	1.3 (32)	0.8 (20)

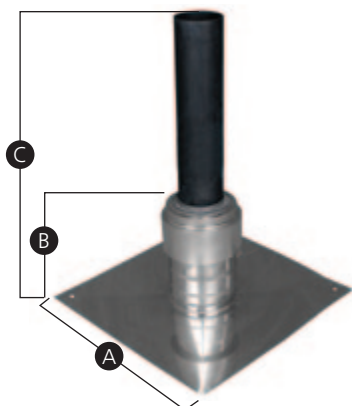
## Terminations



### Chimney Cover PPs-UV

This termination incorporates a combustion air intake and flue gas termination in a single assembly. Cover seals top of the chimney or chase. Use with End Pipe or Flex End Pipe. End Pipes sold separately.

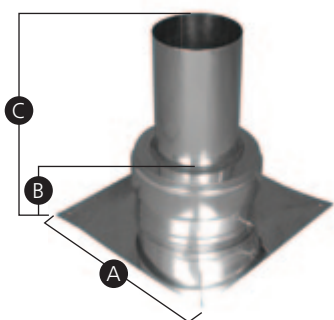
Nominal Diameter	Part #	Length "A"	Height "B"
2" (60)	ISCP02	15.8 (400)	9.6 (245)
3" (80)	ISCP03	15.8 (400)	9.6 (245)
4" (110)	ISCP04	15.8 (400)	9.6 (245)



### Chimney Cover SS W/PPs-UV End Pipe

Stainless steel termination with polypropylene end pipe incorporates a combustion air intake and flue gas termination in a single assembly allowing combustion air to flow through chimney/chase. Cover seals top of the chimney or chase.

Nominal Diameter	Part #	Length "A"	Height "B"	Height "C"
3" (80)	ISCM03	15.8 (400)	7.9 (200)	19.7 (500)
4" (110)	ISCM04	15.8 (400)	7.9 (200)	19.7 (500)
5" (125)	ISCM05	15.8 (400)	7.9 (200)	19.7 (500)
6" (160)	ISCM06	15.8 (400)	7.9 (200)	19.7 (500)



### Chimney Cover SS W/SS End Pipe

Stainless steel termination with stainless steel end pipe incorporates a combustion air intake and flue gas termination in a single assembly allowing combustion air to flow through chimney/chase. Cover seals top of the chimney or chase.

Nominal Diameter	Part #	Length "A"	Height "B"	Height "C"
8" (200)	ISCS08	19.7 (500)	8.0 (203)	19.7 (500)
10" (250)	ISCS10	19.7 (500)	8.0 (203)	19.7 (500)
12" (315)	ISCS12	19.7 (500)	6.1 (155)	39.4 (1000)

# INNOFLUE® SINGLE WALL COMPONENTS

## B-Vent Rain Collar PPs-UV

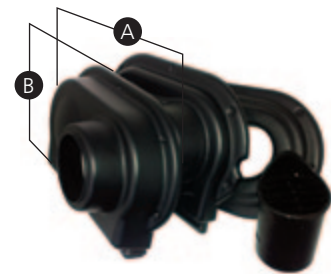
B-Vent Rain Collar seals the top of an existing B-Vent while allowing for combustion air return. Part slides over B-Vent, tighten integrated hose clamp to secure. Finish with Single Wall or Flex End Pipe. End Pipes are sold separately.



Nominal Diameter	Part #	B-Vent Size "A"	InnoFlue® Size "B"
2" / 4" (60/100)	IABC0204	4 (100)	2 (60)
2" / 5" (60/126)	IABC0205	5 (126)	2 (60)
2" / 6" (60/152)	IABC0206	6 (152)	2 (60)
2" / 7" (60/178)	IABC0207	7 (178)	2 (60)
3" / 4" (80/100)	IABC0304	4 (110)	3 (80)
3" / 5" (80/126)	IABC0305	5 (126)	3 (80)
3" / 6" (80/152)	IABC0306	6 (152)	3 (80)
3" / 7" (80/178)	IABC0307	7 (178)	3 (80)
4" / 5" (110/125)	IABC0405	5 (126)	4 (110)
4" / 6" (110/152)	IABC0406	6 (152)	4 (110)
4" / 7" (110/178)	IABC0407	7 (178)	4 (110)

## Low Profile Wall Termination

Low Profile Parallel Wall Termination incorporates air intake and exhaust into a single aesthetically pleasing termination. Part is paintable to match exterior of structure. Comes with interior wall plate and bird screen. Exhaust can be extended or re-directed with PPs-UV black elbows or vent lengths. Vent lengths and elbows sold separately.



Nominal Diameter	Part #	Overall Width "A"	Overall Height "B"
2" (60)	ISLPT0202	13 (330)	9.1 (231)
3" (80)	ISLPT0303	13 (330)	9.1 (231)



## Termination Tee

Made from black U.V. stabilized polypropylene. Use where termination is exposed to excessive wind or prone to freeze ups.

Nominal Diameter	Part #	Overall Width "A"	Effective Length "B"	Max Length "C"
2" (60)	ISTT0220	7.6 (193)	27.6	28.8
3" (80)	ISTT0320	7.6 (193)	27.6	29.2
4" (110)	ISTT0420	7.6 (193)	27.6	29.8
5" (125)	ISTT0520	8.0 (203)	27.6	30.1
6" (160)	ISTT0620	9.0 (229)	27.6	30.8

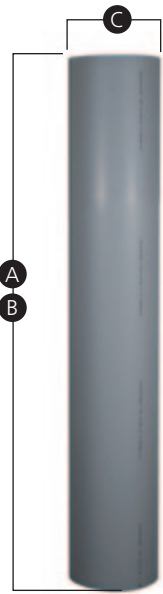


## End Pipe PPs-UV

Made from black U.V. stabilized polypropylene. Use where termination is exposed to excessive sunlight.

Nominal Diameter	Part #	Overall Length "A"	Max O.D. "B"
2" (60)	ISEP02	19.7 (500)	3.0 (75)
2" (60)	ISEP0239	39.4 (1000)	3.0 (75)
3" (80)	ISEP03	19.7 (500)	3.7 (95)
3" (80)	ISEP0339	39.4 (1000)	3.7 (95)
4" (110)	ISEP03	19.7 (500)	5.0 (129)
4" (110)	ISEP0439	39.4 (1000)	5.0 (129)
5" (125)	ISEP03	19.7 (500)	5.8 (146)
5" (125)	ISEP0539	39.4 (1000)	5.8 (146)
6" (160)	ISEP03	19.7 (500)	7.3 (185)
6" (160)	ISEP0639	39.4 (1000)	7.3 (185)

# INNOFLUE® SINGLE WALL COMPONENTS



## End Pipe PPs-Gray

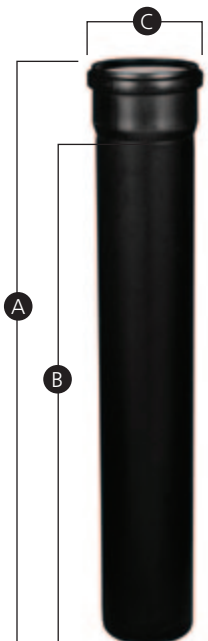
PPs End Pipes allow for termination of the vent system through the wall or roof.

Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Max O.D. "C"
8" (200)	ISEP086	70 (1778)	70 (1778)	8 (200)
10" (250)	ISEP106	70 (1778)	70 (1778)	10 (250)
12" (315)	ISEP126	70 (1778)	70 (1778)	12 (315)



## Velocity Cone

Available in all sizes and configurations. Call for information.



## Vent Lengths PPs-UV

PPs-UV Vent Lengths allow for the exterior extension of the vent system.

Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Max O.D. "C"
2" (60)	ISVL022UV	26.5 (673)	24 (610)	3.0 (75)
3" (80)	ISVL032UV	26.5 (673)	24 (610)	3.7 (95)
4" (110)	ISVL042UV	26.5 (673)	24 (610)	5.1 (129)
6" (160)	ISVL062UV	26.5 (673)	24 (610)	7.8 (185)



# INNOFLUE® SINGLE WALL COMPONENTS



## 45° Elbow Long PPS-UV

For exterior offsets or changes in the direction of the vent system.

Nominal Diameter	Part #	Centerline Offset "A"	Effective Length "B"	Max O.D. "C"
2" (60)	ISELL0245UV	2.2 (56)	3.8 (96)	3.0 (76)
3" (80)	ISELL0345UV	2.9 (73)	4.6 (117)	3.7 (95)



## 45° Elbow PPS-UV

For exterior offsets or changes in the direction of the vent system.

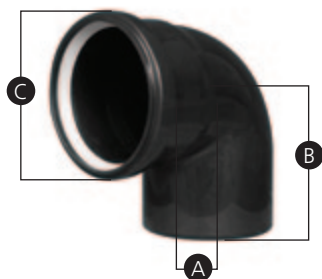
Nominal Diameter	Part #	Centerline Offset "A"	Effective Length "B"	Max O.D. "C"
4" (110)	ISELL0445UV	2.2 (63)	4.1 (105)	5.0 (128)
6" (160)	ISELL0645UV	3.2 (81)	5.5 (138)	7.1 (181)



## 87° Elbow Long PPS-UV

For exterior offsets or changes in the direction of the vent system.

Nominal Diameter	Part #	Centerline Offset "A"	Effective Length "B"	Max O.D. "C"
2" (60)	ISELL0287UV	2.5 (63)	4.8 (121)	3.0 (76)
3" (80)	ISELL0387UV	5.3 (133)	5.1 (124)	3.7 (95)

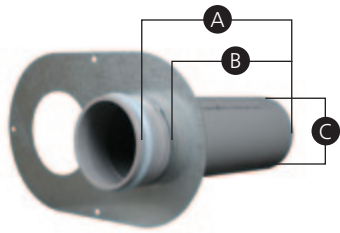


## 87° Elbow PPS-UV

For exterior offsets or changes in the direction of the vent system.

Nominal Diameter	Part #	Centerline Offset "A"	Effective Length "B"	Max O.D. "C"
4" (110)	ISELL0487UV	2.4 (60)	4.6 (118)	5.0 (127)
6" (160)	ISELL0687UV	3.4 (86)	6.3 (160)	7.1 (181)

## INNOFLUE® SINGLE WALL COMPONENTS



### PPs to PVC Termination Kit

Adapts PPs to PVC Twin Pipe Termination. Comes with replacement wall plate and termination adaptor.

Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	End O.D. "C"
2" (60)	ISLTK02	12.3 (313)	11.0 (280)	2.4 (61)
3" (80)	ISLTK03	13.0 (330)	11.0 (280)	3.5 (89)
4" (110)	ISLTK04	13.2 (336)	11.0 (280)	4.5 (115)
6" (160)	ISLTK06	14.4 (366)	11.0 (280)	6.5 (166)



### Bird Screen PPs-UV

Fits inside InnoFlue® SW and Flex end-pipes at terminations.

Nominal Diameter	Part #
2" (60)	IASPP02
3" (80)	IASPP03
4" (110)	IASPP04

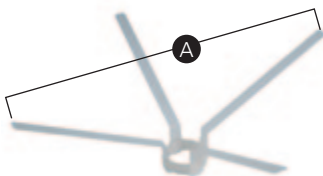


### Bird Screen SS

Fits inside InnoFlue® SW and Flex end-pipes at terminations.

Nominal Diameter	Part #
4" (110)	IASSS04
5" (125)	IASSS05
6" (160)	IASSS06
8" (200)	IASSS08
10" (250)	IASSS10
12" (315)	IASSS12

## Spacers



### 2" Spacer

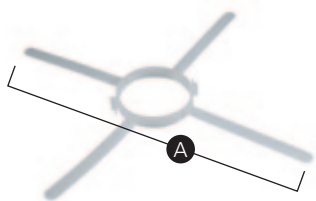
Self positioning spacers centers InnoFlue® SW or Flex in a chase/chimney/B-vent.

Nominal Diameter	Part #	Max Width "A"	Min Width
2" (60)	IASP02	23.5 (596)	3 (85)

# INNOFLUE® SINGLE WALL COMPONENTS

## 3" and 4" Spacers

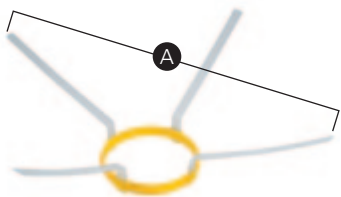
Self positioning spacers centers InnoFlue® SW or Flex in a chase/chimney/B-vent.



Nominal Diameter	Part #	Max Width "A"	Min Width
3" (80)	IASP03	22.8 (580)	4 (106)
4" (110)	IASP04	23.9 (606)	5 (138)

## 5" and 6" Spacers

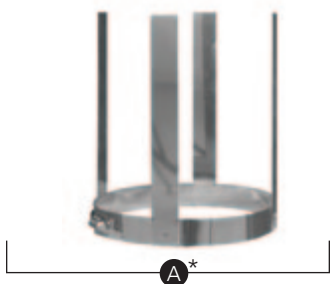
Self positioning spacers centers InnoFlue® SW in a chase/chimney/B-vent.



Nominal Diameter	Part #	Max Width "A"	Min Width
5" (125)	IASP05	24.6 (625)	6 (151)
6" (160)	IASP06	25.0 (635)	7 (186)

## 8", 10" and 12" Spacers

Self positioning spacers centers InnoFlue® SW in a chase/chimney/B-vent.



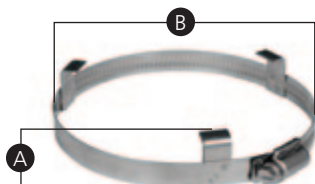
Nominal Diameter	Part #	Max Width "A"	Min Width
8" (200)	IASP08	27.6 (700)	9 (228)
10" (250)	IASP10	29.5 (750)	11 (276)
12" (315)	IASP12	32.1 (815)	13 (341)

\* When bent into place.

## Accessories

### Flue Clamp

Secures ISAG and ISAGL appliance adaptors to appliance flue exhaust.



Nominal Diameter	Part #	Height "A"	Max. I.D. "B"
2" (60)	IAFC02	1.0 (26)	3.0 (77)
3" (80)	IAFC03	1.0 (26)	4.3 (110)
4" (110)	IAFC04	1.0 (26)	5.0 (127)
6" (160)	IAFC06	1.0 (26)	8.3 (211)

# INNOFLUE® SINGLE WALL COMPONENTS



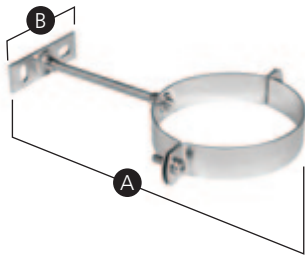
## Hurricane Strap

Secures Concentric to Twin Pipe Adaptor to appliance.

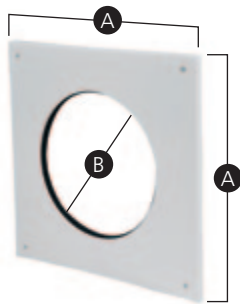
Nominal Diameter	Part #	Overall Length "A"
3" (80)	IAHS03	12.5 (318)

## Support Clamp

Used as vertical or horizontal support. Space 78" in vertical and 39" in horizontal installations. Overall length "A" can be field shortened.



Nominal Diameter	Part #	Overall Length "A"	Width of Base "B"
2" (60)	IASC02	5.2 (132)	3.2(80)
3" (80)	IASC03	8.8 (223)	3.2(80)
4" (110)	IASC04	10.0 (253)	3.2(80)
5" (125)	IASC05	10.6 (268)	3.2(80)
6" (160)	IASC06	11.9 (303)	3.2(80)



## Wall Plate Square (Plastic)

Used to improve aesthetics and reduce drafts at chimney openings or wall penetrations.

Nominal Diameter	Part #	Overall Length "A"	Width of Opening "B"
5" (125)	IAWPPS05	7.9 (202)	5.1 (129)



## Wall Plate Round (Rubber)

Used to improve aesthetics and reduce drafts at chimney openings or wall penetrations.

Nominal Diameter	Part #
2" (60)	IAWP02B
3" (80)	IAWP03B
3" (80)	IAWP03W
4" (110)	IAWP04B

# INNOFLUE® SINGLE WALL COMPONENTS

## EPDM Gaskets

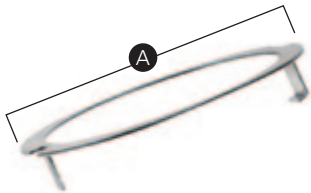
Standard gasket for 2" through 6" diameter InnoFlue® SW. Inserted into the female end of each part, the gaskets keep flue gases and condensates within the vent system.



Nominal Diameter	Part #
2" (60)	ISGE02
3" (80)	ISGE03
4" (110)	ISGE04
5" (125)	ISGE05
6" (160)	ISGE06
8" (200)	ISGE08
10" (250)	ISGE10
12" (315)	ISGE12

## Connector Ring

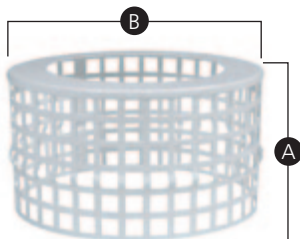
Provides reinforcement at joints to support loads of up to 99 lbs (45Kg). 6" through 12" connector rings are available but not required per UL-1738 and ULC-S636.



Nominal Diameter	Part #	O.D. "A"
2" (60)	IAN502	3.2 (81)
3" (80)	IAN503	4.1 (103)
4" (110)	IAN504	5.3 (134)
5" (125)	IAN505	5.8 (148)
6" (160)	IAN506	7.5 (191)
8" (200)	IAN508	9.4 (239)

## Air Intake

Place atop a concentric appliance flue outlet when exhausting flue gases through InnoFlue® SW or Flex and combustion air is supplied from within.



Nominal Diameter	Part #	Overall Height "A"	Max O.D. "B"
2"/4" (60/100)	IAAI0204	3.5 (88)	3.9 (100)
3"/5" (80/125)	IAAI0305	3.5 (88)	5.0 (126)
4"/6" (110/160)	IAAI0406	3.5 (88)	6.3 (160)

## Centrocerin

A water based lubricant used to ease the assembly of InnoFlue® SW & Flex. Applied to both the gasket and male end.



Package Size	Part #
50 ml	IACE50

## ❖❖❖ UL-1738 & ULC-S636 Listed

- Approved for use in the United States and Canada
- The only flexible polymeric vent system listed to the rigorous UL-1738 safety standard
- Application specific custom parts
- Centrotherm's full expertise and industry support

## ❖❖❖ 10 Year Limited Warranty

- InnoFlue® vent systems are supported by an industry leading 10 year limited manufacturer's warranty

## ❖❖❖ Construction

- Flexible polypropylene can be offset up to 45°
- 3" and 4" Flex comes with an integrated coupler eliminating the need for couplers at the base of the system
- Flex easily connects to any fitting or vent length
- Polypropylene is highly corrosion resistant, making it suitable for both gas and oil fired appliances
- UL-1738 and ULC-S636 certified for sustained flue gases up to 230°F (110°C).
- Zero clearance to combustibles
- Advanced engineered design allows for highly flexible single wall design

## ❖❖❖ Rapid Installation

- Light weight allows for ease of handling and installation
- Reduced labor costs
- No special tools required

## ❖❖❖ LEED Compliance

- Uses 100% recyclable polypropylene
- No solvent based PVC or CPVC adhesives per IE credit 4.1

## ❖❖❖ APPLICATION

InnoFlue® Flex is UL-1738 II, III & IV and ULC-S636 BH Gas Vent System Class II C listed for use with natural gas and propane fired appliances in the United States and Canada. InnoFlue® Flex can also be used with oil fired condensing appliances with a maximum flue gas temperature of 230° (110°C). InnoFlue® Flex must be used inside of a chase. Acceptable chases include masonry chimneys, sheet rocked chases, and existing metal flues such as a b-vent. Heating appliances that commonly use InnoFlue® include furnaces, boilers, tanked water heaters and tankless water heaters.

## ❖❖❖ CONFIGURATION

InnoFlue® Flex is a highly engineered vent system designed for use within a chase. InnoFlue® Flex can be used in conjunction with our InnoFlue® Single Wall or Concentric Vent Systems. InnoFlue® Flex can be installed as a stand alone exhaust or bundled together with additional Flex Liners. With local code and appliance manufacturer approval, the space between the chase/chimney/b-vent wall and the liner can be used as an air intake. InnoFlue® Flex is available in 2" through 4" diameters.



# INNOFLUE® FLEX TYPICAL INSTALLATIONS

2 ISEL87: 87° Elbow

3 ISVL: Vent Length

4 IASC: Support Clamp

5 IANS: Connector Ring

6 IAWP: Wall Plate

7 ISEP: End Pipe PPs-UV

9 IASPP: Bird Screen PPs-UV

12 ISAGL or ISAAL: Appliance Adaptor

24 ISBS: Base Support

25 IASP: Spacer

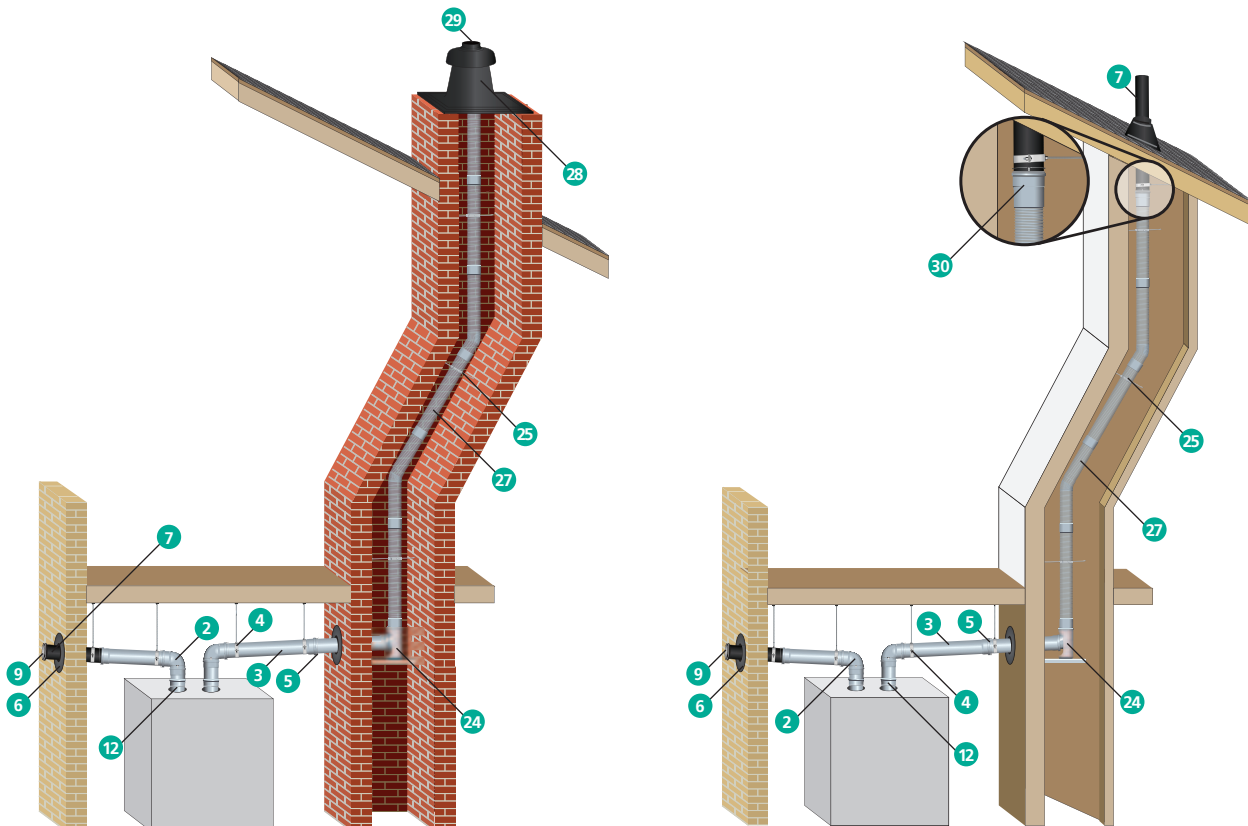
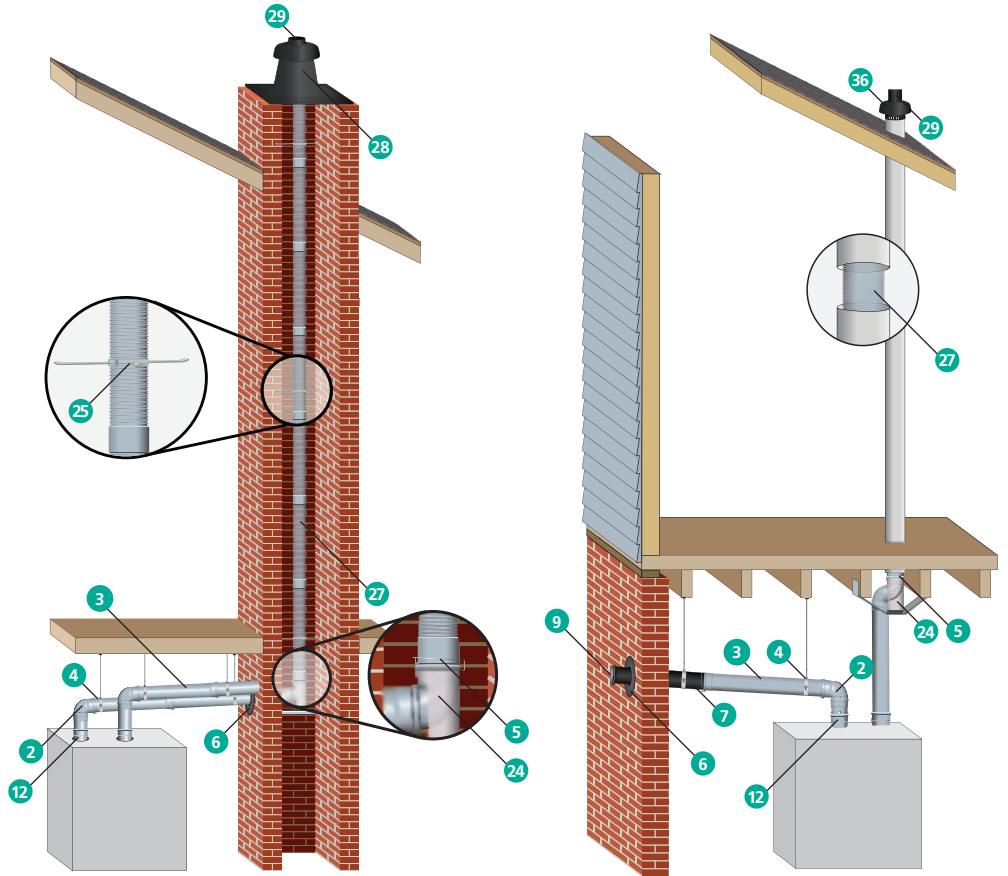
27 IFVL: Flexible Vent Length

28 ISCP: Chimney Cover PPs-UV

29 IFEP: Flex End Pipe

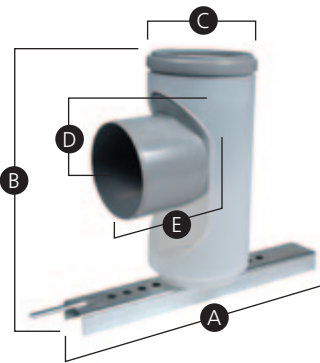
30 IFFSC: Flex to SW Coupler

36 IABC: B-Vent Rain Collar



# INNOFLUE® FLEX COMPONENTS

## Base Supports



### Base Support

Supports vertical sections of rigid and flexible vent lengths installed in chimneys and chases.

Nominal Diameter	Part #	Base Length "A"	Height "B"	Max O.D. "C"	Effective "D"	Effective "E"
2" (60)	ISBS0287	15.8 (400)	9.4 (238)	3.0 (76)	2.7 (69)	4.6 (118)
3" (80)	ISBS0387	15.8 (400)	10.6 (269)	3.7 (95)	3.4 (86)	4.9 (125)
4" (110)	ISBS0487	15.8 (400)	11.5 (291)	4.9 (125)	2.6 (65)	4.5 (115)

## Flex Vent Lengths



### 2" Flex

Flexible Vent is manufactured from polypropylene. Flexible Vent can be field cut and is ideal for use in chimneys with offsets. Lengths can be connected to InnoFlue® SW at any flexible location with couplers.

Nominal Diameter	Part #	Overall Height "A"	Max O.D. "B"
2" (60)	IFVL02150	150' (45.7m)	2.4 (60)

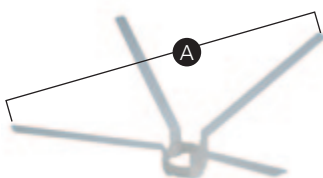


### 3" and 4" Vent Lengths

Flexible Vent is manufactured from polypropylene and features rigid sections every 2 feet. Flexible Vent can be field cut and is ideal for use in chimneys with offsets. Lengths can be connected to InnoFlue® SW at any rigid section.

Nominal Diameter	Part #	Overall Height "A"	Max O.D. "B"
3" (80)	IFVL03150	150' (45.7m)	3.2 (80)
4" (110)	IFVL04080	80' (24.4m)	4.3 (110)

## Spacers

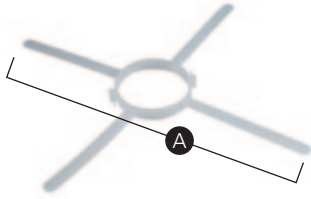


### 2" Spacer

Self positioning spacers centers InnoFlue® SW or Flex in a chase/chimney/B-vent.

Nominal Diameter	Part #	Max Width "A"	Min Width
2" (60)	IASP02	23.5 (596)	3 (85)





## 3" and 4" Spacers

Self positioning spacers centers InnoFlue® SW or Flex in a chase/chimney/B-vent.

Nominal Diameter	Part #	Max Width "A"	Min Width
3" (80)	IASP03	22.8 (580)	4 (106)
4" (110)	IASP04	23.9 (606)	5 (138)

## Couplers



### SW to Flex Coupler

Transitions 2" InnoFlue® Single Wall Rigid Vent to 2" InnoFlue® Flex.

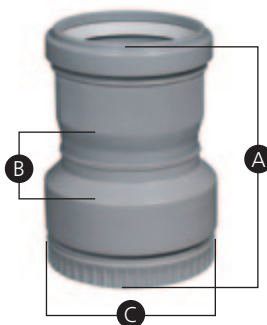
Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Max O.D. "C"
2" (60)	IFSC02	4.2 (107)	3.2 (81)	2.6 (65)



### Flex to SW Coupler

Transitions 2" Flex to 2" InnoFlue® Single Wall Rigid Vent.

Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Max O.D. "C"
2" (60)	IFFSC02	3.9 (99)	1.1 (28)	2.9 (74)



### Flex to SW Coupler

Transitions InnoFlue® Flex to InnoFlue® Single Wall.

Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Max O.D. "C"
3" (80)	IFFSC03	5.5 (141)	4.3 (60)	3.9 (100)
4" (110)	IFFSC04	6.5 (166)	2.64 (67)	5.1 (128)

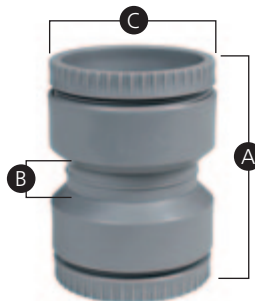
# INNOFLUE® FLEX COMPONENTS



## Flex to Flex Coupler

Connects 2" Flex Vent Length to 2" Flex Vent Length.

Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Max O.D. "C"
2" (60)	IFFFC02	3.4 (87)	1.4 (35)	2.6 (65)



## Flex to Flex Coupler

Connects 3" and 4" Flex Vent Length to 3" and 4" Flex Vent Length.

Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Max O.D. "C"
3" (80)	IFFFC03	5.5 (138)	3.9 (100)	3.9 (100)
4" (110)	IFFFC04	6.7 (171)	4.5 (114)	4.9 (125)

## Chimney Kits

### 2" Chimney Kit

Includes all components necessary to line a chimney from chimney termination to base support. Rigid vent lengths, elbows and adaptors required to connect chimney kit base support to appliance are sold separately. Custom lengths are available.



Nominal Diameter	Part #	Flex Vent Length
2" (60)	IFCK0225	25' (7.6m)
2" (60)	IFCK0235	35' (10.7m)

### 3" & 4" Chimney Kit

Includes all components necessary to line a chimney from chimney termination to base support. Rigid vent lengths, elbows and adaptors required to connect chimney kit base support to appliance are sold separately. Custom lengths are available.



Nominal Diameter	Part #	Flex Vent Length
3" (80)	IFCK0325	25' (7.6m)
3" (80)	IFCK0335	35' (10.7m)
4" (110)	IFCK0425	25' (7.6m)
4" (110)	IFCK0435	35' (10.7m)

## Terminations



### Chimney Cover PPs-UV

This termination incorporates a combustion air intake and flue gas termination in a single assembly. Cover seals top of the chimney or chase. Use with End Pipe or Flex End Pipe. End Pipes sold separately.

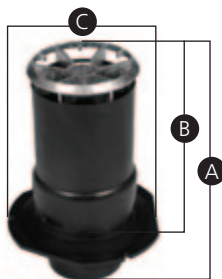
Nominal Diameter	Part #	Length "A"	Height "B"
2" (60)	ISCP02	15.8 (400)	9.6 (245)
3" (80)	ISCP03	15.8 (400)	9.6 (245)
4" (110)	ISCP04	15.8 (400)	9.6 (245)



### B-Vent Rain Collar PPs-UV

B-Vent Rain Collar seals the top of an existing B-Vent while allowing for combustion air return. Part slides over B-Vent, tighten integrated hose clamp to secure. Finish with Single Wall or Flex End Pipe. End Pipes are sold separately.

Nominal Diameter	Part #	B-Vent Size "A"	InnoFlue® Size "B"
2" / 4" (60/100)	IABC0204	4 (100)	2 (60)
2" / 5" (60/126)	IABC0205	5 (126)	2 (60)
2" / 6" (60/152)	IABC0206	6 (152)	2 (60)
2" / 7" (60/178)	IABC0207	7 (178)	2 (60)
3" / 4" (80/100)	IABC0304	4 (110)	3 (80)
3" / 5" (80/126)	IABC0305	5 (126)	3 (80)
3" / 6" (80/152)	IABC0306	6 (152)	3 (80)
3" / 7" (80/178)	IABC0307	7 (178)	3 (80)
4" / 5" (110/125)	IABC0405	5 (126)	4 (110)
4" / 6" (110/152)	IABC0406	6 (152)	4 (110)
4" / 7" (110/178)	IABC0407	7 (178)	4 (110)

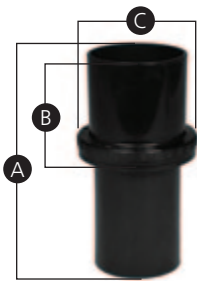


### 2" Flex End Pipe

Terminates InnoFlue® Flex at top of chimney. Used in combination with Chimney Cover PPs-UV.

Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Max O.D. "C"
2" (60)	IFEP02	5.3 (135)	4.1 (105)	3.9 (99)

# INNOFLUE® FLEX COMPONENTS



## 3" and 4" Flex End Pipe

Terminates InnoFlue® Flex at top of chimney. Used in combination with Chimney Cover PPs-UV.

Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Max O.D. "C"
3" (80)	IFEP03	7.1 (180)	3.3 (84)	3.9 (100)
4" (110)	IFEP04	10.0 (253)	3.5 (89)	5.2 (132)

## Flex Accessories



## 2" Flex Installation Tool

Use to pull InnoFlue® Flex through chimneys. Installation Tool is weighted and attaches to bottom of InnoFlue® Flex.

Nominal Diameter	Part #
2" (60)	IAIT02



## 3" and 4" Flex Installation Tool

Use to pull InnoFlue® Flex through chimneys. Installation Tool is weighted and attaches to bottom of InnoFlue® Flex.

Nominal Diameter	Part #
3" (80)	IAIT03
4" (110)	IAIT04

## ❖ UL-1738, ULC-S636 & CE EN-14471 Listed

- Approved for use in the United States and Canada
- The only metal/polymeric concentric vent system listed to the rigorous UL-1738 safety standard
- Application specific custom parts
- Centrotherm's full expertise and industry support

## ❖ 10 Year Limited Warranty

- InnoFlue® vent systems are supported by an industry leading 10 year limited manufacturer's warranty

## ❖ Polypropylene & Metal Construction

- Laser welded vent lengths and fittings are air-tight eliminating leakage experienced by inferior crimped construction
- Casted elbows and adaptors provide increased impact resistance
- Powder coated exterior creates a beautiful aesthetic, making it suitable for installation in high traffic areas
- Polypropylene interior is highly corrosion resistant, making it suitable for both gas and oil fired appliances
- UL-1738 and ULC-S636 certified for sustained flue gases up to 230°F (110°C).
- Zero clearance to combustibles

## ❖ Integrated Gasket System

- No adhesives required
- Allows for post installation adjustments
- Immediate use of appliance upon installation

## ❖ Concentric Design

- Single part contains both combustion air and exhaust
- Single penetration through roof or wall

## ❖ Rapid Installation

- One system handles both air intake and exhaust
- Reduced labor costs
- No special tools required

## ❖ LEED Compliance

- Uses 100% recyclable polypropylene
- No solvent based PVC or CPVC adhesives per IE credit 4.1

## ❖ APPLICATION

InnoFlue® Concentric is UL-1738 listed for use with natural gas and propane category II, III & IV appliances in the United States and ULC-S636 BH Gas Vent System Class II C listed for use with listed natural gas and propane fired appliances in Canada. InnoFlue® Concentric can also be used with oil fired condensing appliances with a maximum flue gas temperature of 230° (110°C). Typical appliances that are vented using InnoFlue® include furnaces, boilers, tanked water heaters and tankless water heaters.

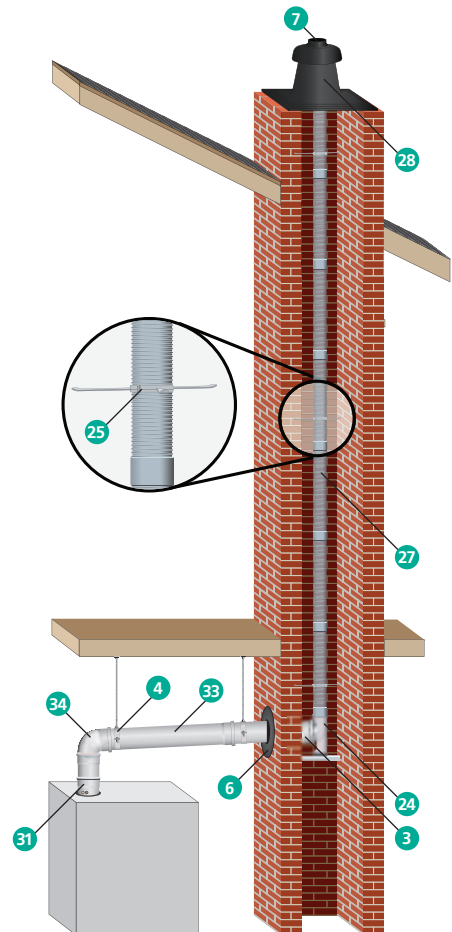
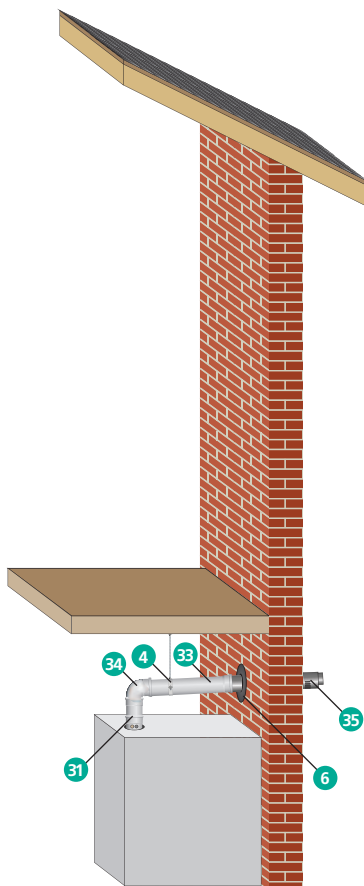
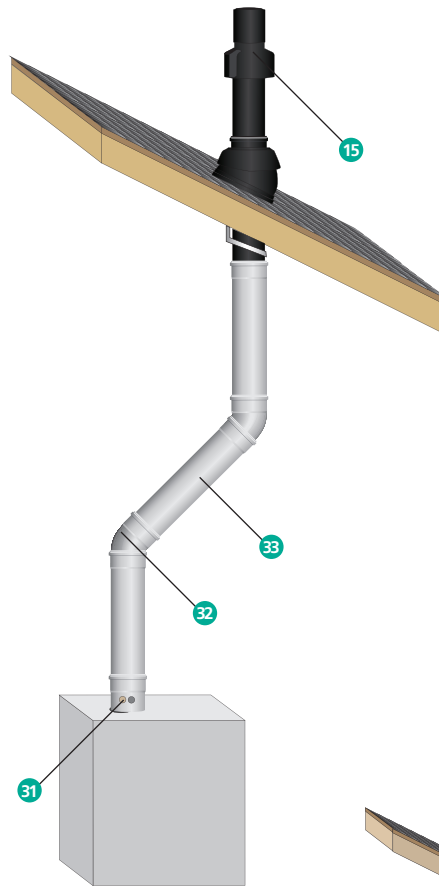
## ❖ CONFIGURATION

InnoFlue® Concentric is a highly engineered vent system allowing for the movement of combustion air and combustion gas through a single vent system. The vent system can be integrated with InnoFlue® Single Wall and Flex where applicable. InnoFlue® Concentric is available in 2" / 4", 3" / 5" and 4" / 6" diameters.

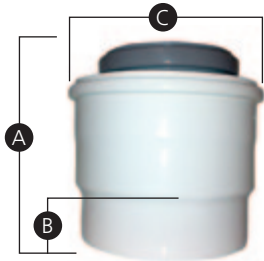


# INNOFLUE® CONCENTRIC TYPICAL INSTALLATIONS

- 3 ISVL: Vent Length
- 4 IASC: Support Clamp
- 6 IAWP: Wall Plate
- 7 ISEP: End Pipe PPs-UV
- 15 ICRT: Concentric Roof Termination
- 24 ISBS: Base Support
- 25 IASP: Spacer
- 27 IFVL: Flexible Vent Length
- 28 ISCP: Chimney Cover PPs-UV
- 31 ICTP: Concentric Appliance Adaptor
- 32 ICEL45: Concentric 45° Elbow
- 33 ICVL: Concentric Vent Length
- 34 ICEL87: Concentric 87° Elbow
- 35 ICWS: Concentric Wall Termination SS



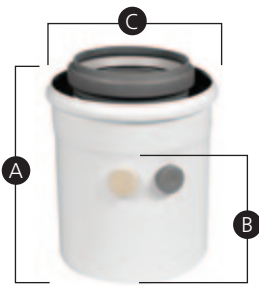
## Concentric Adaptors



### Concentric Centric Increaser

Transitions from one diameter to a larger diameter. Install in vertical orientation only.

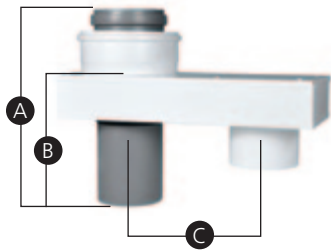
Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Max O.D. "C"
100/150mm to 4"/6" (110/160)	ICIA10015046	6.0 (163)	4.1 (105)	6.8 (173)
110/150mm to 4"/6" (110/160)	ICIA11015046	6.0 (163)	4.1 (105)	6.8 (173)



### Concentric Test Port

Installed immediately above the appliance, the test port allows maintenance professionals to sample flue gases and ensure the appliance is operating at optimum efficiency.

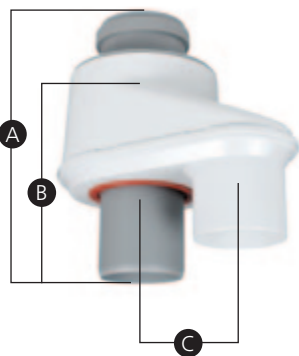
Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Max O.D. "C"
2"/4" (60/100)	ICTP24	6.7 (170)	4.3 (110)	4.4 (112)
3"/5" (80/125)	ICTP35	6.7 (170)	4.3 (110)	5.5 (139)
4"/6" (110/160)	ICTP46	8.1 (207)	5.6 (143)	6.8 (173)



### Twin Pipe to Concentric Adaptor

Transitions 4" Single Wall to 4"/6" Concentric.

Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Offset "C"
4"/6" (110/160)	ICTC0446	12.4 (316)	10.0 (25.3)	9.1 (230)

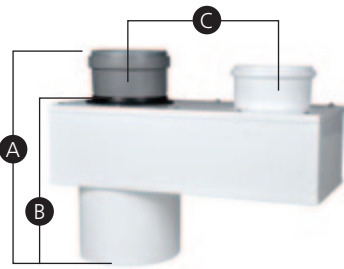


### Twin Pipe to Concentric Adaptor

Transitions Single Wall to Concentric.

Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Offset "C"
3"/5" (80/125)	ICTC0335	9.8 (250)	7.9 (200)	4.8 (121)

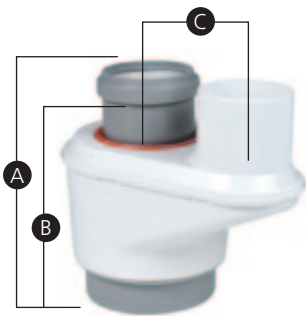
# INNOFLUE® CONCENTRIC COMPONENTS



## Concentric to Twin Pipe Adaptor

Transitions Concentric to Single wall.

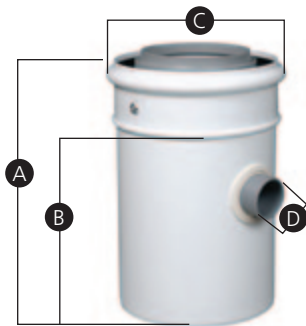
Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Offset "C"
2" / 4" (60/100) to 3" (80)	ICCT2403	5.3 (135)	3.0 (75)	4.9 (125)
4" / 6" (110/160)	ICCT4604	12.4 (316)	10.0 (253)	9.1 (230)



## Concentric to Twin Pipe Adaptor

Transitions Concentric to Single Wall.

Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Offset "C"
3" / 5" (80/125)	ICCT3503	9.8 (250)	5.9 (150)	4.8 (121)



## Concentric Horizontal Drain Tee

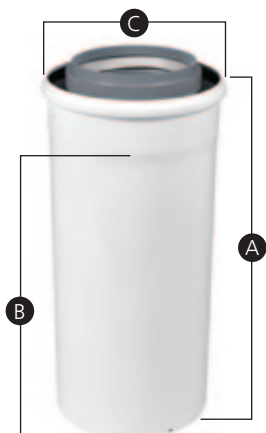
Use to drain condensate from the vent system. Install in horizontal section closest to appliance.

Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Max O.D. "C"	Drain O.D. "D"
2" / 4" (60/100)	ICHDT24	7.9 (200)	5.9 (150)	4.4 (112)	1.4 (32)
3" / 5" (80/125)	ICHDT35	7.9 (200)	5.9 (150)	5.5 (139)	1.4 (32)
4" / 6" (110/160)	ICHDT46	7.9 (200)	5.9 (150)	6.8 (173)	1.4 (32)

## Concentric Vent Lengths

### Concentric Vent Lengths

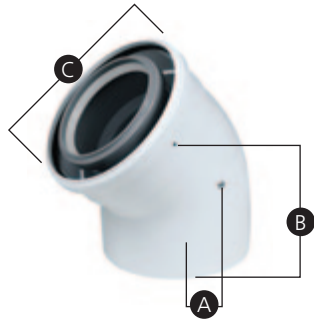
Gasketed rigid polypropylene vent lengths with metal outer and dedicated male and female ends. Male ends can be field cut to length.



Nominal Diameter	Part #	Overall Length "A"	Effective Length "B"	Max O.D. "C"
2" / 4" (60/100)	ICVLAL241	14.5 (368)	12 (305)	4.4 (112)
2" / 4" (60/100)	ICVLAL242	26.5 (673)	24 (610)	4.4 (112)
2" / 4" (60/100)	ICVLAL243	38.5 (978)	36 (914)	4.4 (112)
3" / 5" (80/125)	ICVLAL351	14.5 (368)	12 (305)	5.5 (139)
3" / 5" (80/125)	ICVLAL352	26.5 (673)	24 (610)	5.5 (139)
3" / 5" (80/125)	ICVLAL353	38.5 (978)	36 (914)	5.5 (139)
4" / 6" (110/160)	ICVLAL461	14.5 (368)	12 (305)	6.8 (173)
4" / 6" (110/160)	ICVLAL462	26.5 (673)	24 (610)	6.8 (173)
4" / 6" (110/160)	ICVLAL463	38.5 (978)	36 (914)	6.8 (173)



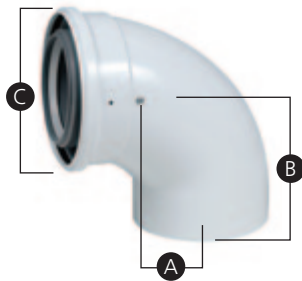
## Elbows



### Concentric 45° Elbow

For offsets or changes in the direction of the vent system.

Nominal Diameter	Part #	Centerline Offset "A"	Effective Length "B"	Max O.D. "C"
2" / 4" (60/100)	ICEL2445	.7 (18)	3.3 (85)	3.0 (76)
3" / 5" (80/125)	ICEL3545	1.3 (34)	4.6 (117)	5.6 (141)
4" / 6" (110/160)	ICEL4645	1.5 (39)	5.2 (133)	6.9 (176)

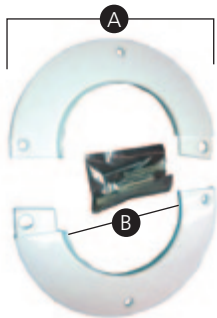


### Concentric 87° Elbow

For offsets or changes in the direction of the vent system.

Nominal Diameter	Part #	Centerline Offset "A"	Effective Length "B"	Max O.D. "C"
2" / 4" (60/100)	ICEL2487	2.0 (50)	4.8 (123)	3.0 (76)
3" / 5" (80/125)	ICEL3587	3.1 (79)	5.1 (129)	5.6 (141)
4" / 6" (110/160)	ICEL4687	4.4 (111)	6.5 (165)	6.9 (176)

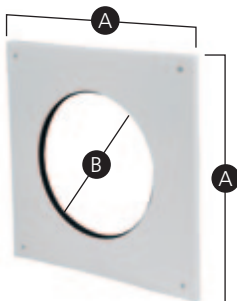
## Wall Plates



### Wall Plate Round (Plastic)

Used to improve aesthetics and limit drafts at chimney openings or wall penetrations.

Nominal Diameter	Part #	Overall Diameter "A"	Width of Opening "B"
4" (100)	IAWPPC04	(175)	(100)

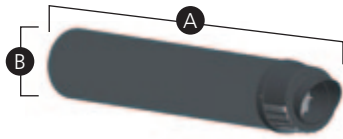


### Wall Plate Square (Plastic)

Used to improve aesthetics and eliminate drafts at chimney openings or wall penetrations.

Nominal Diameter	Part #	Overall Length "A"	Width of Opening "B"
5" (125)	IAWPSS05	7.9 (202)	5.1 (129)

## Terminations



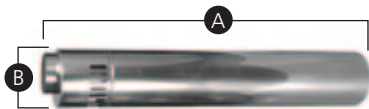
### Concentric Wall Termination Plastic

Made from PPs-UV outer and PPs-UV inner, the concentric wall termination incorporates flue gas termination and combustion air intake. Use with InnoFlue® Concentric or with InnoFlue® SW by adding an ICTC Adaptor.

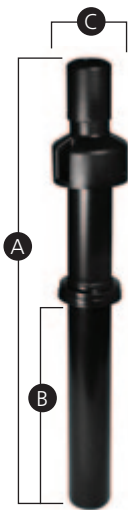
Nominal Diameter	Part #	Overall Length "A"	O.D. "B"
3" / 5" (80/125)	ICWT352	28.3 (719)	5 (125)

### Concentric Wall Termination SS

Made with a stainless steel outer and polypropylene inner, the concentric wall termination incorporates flue gas termination and combustion air intake. Use with InnoFlue® Concentric or with InnoFlue® SW by adding an ICTC Adapter.



Nominal Diameter	Part #	Overall Length "A"	Max O.D. "B"
2" / 4" (60/100)	ICWS2413	13.4 (340)	3.9 (100)
3" / 5" (80/125)	ICWS3513	13.4 (340)	4.9 (125)
4" / 6" (110/160)	ICWS4639	39.4 (1000)	6.3 (160)



### Concentric Roof Termination

Concentric roof termination incorporates flue gas termination and combustion air intake. Use with InnoFlue® Concentric or with InnoFlue® SW by adding an ICTC Adapter.

Nominal Diameter	Part #	Overall Length "A"	Roof Line "B"	Max O.D. "C"
2" / 4" (60/100)	ICRT2439	39.4 (1000)	20.5 (520)	6.5 (166)
3" / 5" (80/125)	ICRT3539	39.4 (1000)	20.5 (520)	6.5 (166)
4" / 6" (110/160)	ICRT4679	78.7 (2000)	23.6 (600)	6.5 (166)



Centrotherm Systemtechnik GmbH  
Brilon, Germany

## ••• About Centrotherm

**For over 15 years,**  
the Centrotherm  
group of companies  
has manufactured



the most comprehensive line of polypropylene flue gas systems in the industry including single wall, flexible and concentric vent solutions. In addition to our extensive range of standard vent products, Centrotherm is a full service manufacturer of appliance components for original equipment manufacturers. As the industry leader, Centrotherm is experienced in providing design services, prototyping, testing, and logistics management to its diverse sales channels.

Team up any high efficiency gas or oil fired appliance with InnoFlue®, the superior performing, environmentally sustainable vent system that has established a solid track record of nearly two decades of field service.

Centrotherm is a Centrotec Sustainable AG Company, a publicly traded diversified manufacturer of sustainable industrial products.

*For more information on Centrotec, visit*  
**[www.centrotec.com](http://www.centrotec.com)**



**NORTH AMERICA**

**Centrotherm Eco Systems, LLC**  
**75 Champlain Street**  
**Albany, NY 12204**  
Toll Free: 877 434 3432  
Fax: 518 618 3166  
info@centrotherm.us.com  
[www.centrotherm.us.com](http://www.centrotherm.us.com)

**GERMANY**

**Centrotherm Systemtechnik GmbH**  
**Am Patbergschen Dorn 9**  
**D - 59929 Brilon/Germany**  
Tel: +49 (0) 2961 9670-0  
Fax: +49 (0) 2961 9670-220  
info@centrotherm.com  
[www.centrotherm.com](http://www.centrotherm.com)