



January 2017

## Product Catalog and Dimensional Data

# InnoFlue®

## Polypropylene Vent Systems

**InnoFlue® Single Wall, Flex and Concentric**  
**Single Wall Rigid, Flexible and Concentric Polypropylene**  
**Category II & IV Special Gas Vent • Gas Vent BH, Class IIC**

# Vent Safely.



**UL-1738**  
**ULC-3636**



# InnoFlue®

## The Intelligent Alternative to PVC & CPVC

Across North America, home owners, maintenance professionals, contractors, distributors, engineers and heating equipment manufacturers are recognizing the unmatched value InnoFlue® delivers to the HVAC industry.

Manufactured from environmentally friendly polypropylene, InnoFlue® has been tested and is listed to all relevant American, Canadian and European Safety Standards. It is listed and warranted for sustained flue gases up to 230°F (110°C), thus providing enhanced performance properties and significant safety margins. Centrotherm offers a comprehensive product line including test/inspection ports, condensate drains, siphons, flue collar adaptors, as well as excellent technical, sales and marketing support.

InnoFlue® Vent Systems are professional, reliable, environmentally sustainable and offer substantial labor savings due to reduced installation times.



**Proudly made  
in the U.S.A.**

**Safety  
Speed  
Innovation**



|                                            | InnoFlue®                      | PVC                           | CPVC                           |
|--------------------------------------------|--------------------------------|-------------------------------|--------------------------------|
| <b>Chemical Resistance</b>                 |                                |                               |                                |
| <i>Aromatic Hydrocarbons</i>               | ✓                              | X                             | X                              |
| <i>Sulfuric Acid</i>                       | ✓                              | X                             | X                              |
| <i>Hydrochloric Acid</i>                   | ✓                              | X                             | X                              |
| <b>Working Temperature</b>                 | 0° C (32°F) -<br>110°C (230°F) | 15°C (50°F) -<br>65°C (149°F) | 15°C (50°F) -<br>90°C (194° F) |
| <b>Softening Temperature</b>               | 150°C (302°F)                  | 80°C (176°F)                  | 110°C (230°F)                  |
| <b>Environmentally Friendly Production</b> | ✓                              | X                             | X                              |
| <b>No Chloride Leaching</b>                | ✓                              | X                             | X                              |
| <b>Fully Recyclable</b>                    | ✓                              | X                             | X                              |

# Why InnoFlue®?

## Ease of Installation

- Integrated gasket system allows for:
  - Faster, cleaner, V.O.C.-free installation
  - Immediate use of appliances upon installation
  - Post-installation adjustments
- No fit up, couplers, primers or adhesives needed
- Light weight makes for easy handling and rapid installation
- New 1/4" pitch for 2", 3" and 4" Single Wall vent systems

## Health and Safety

ETL Listed: UL 1738, ULC-S636

Listed: CE EN 14471

- Performs at sustained flue temperatures up to 230°F (110°C)
- Listed at zero clearance to combustibles for all systems configurations
- Environmentally-friendly polypropylene is 100% recyclable
- Industry leading wall thickness enhances structural 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 20 years of field service history

## Product Approvals

Since 2010, Centrotherm's InnoFlue® has been accepted and approved by over 50 North American manufacturers of boilers, water heaters and furnaces.

For a complete listing of the approvals, visit

[www.centrotherm.us.com/literature/o-e-m-approvals](http://www.centrotherm.us.com/literature/o-e-m-approvals)

For appliances that require specific appliance adaptors, contact your manufacturer's representative or Centrotherm Eco Systems.

## Listings

Centrotherm made the commitment and investment to have its Single Wall, Flexible and Concentric Vent Systems tested to the industry relevant

UL-1738, ULC-S636 and CE EN 14471 safety standards. Thus InnoFlue® is approved for use in the United States, Canada and most European Countries.

As of this printing, InnoFlue® is the only polypropylene vent system to be listed by an accredited third party to the rigorous U.S. safety standard, UL 1738.

For detailed information about Centrotherm's product testing and listing, feel free to visit [www.intertek.com](http://www.intertek.com)



Intertek

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



# TABLE OF CONTENTS

## InnoFlue® SW Residential

|                                   |   |
|-----------------------------------|---|
| Applications and Limitations..... | 7 |
| Typical Configurations.....       | 8 |

### COMPONENTS

#### Appliance Adaptors

|                                                            |    |
|------------------------------------------------------------|----|
| Appliance Adaptor for Coupler Style<br>Flue Collars.....   | 9  |
| Appliance Adaptor for Flue Collars<br>with Hose Clamp..... | 9  |
| Appliance Adaptor SS to InnoFlue®.....                     | 9  |
| Appliance Adaptor 101 mm to<br>InnoFlue®.....              | 10 |

#### Increasesers & Reducers

|                          |    |
|--------------------------|----|
| Eccentric Increaser..... | 10 |
| Centric Increaser.....   | 10 |
| 3"/2" Reducer.....       | 11 |
| Reducers.....            | 11 |

#### Test Ports

|                |    |
|----------------|----|
| Test Port..... | 11 |
|----------------|----|

#### Vent Lenth

|                        |    |
|------------------------|----|
| Rigid Vent Length..... | 12 |
|------------------------|----|

#### Base Supports

|                           |    |
|---------------------------|----|
| Base Support.....         | 12 |
| Base Support Bracket..... | 12 |

#### Elbows

|                     |    |
|---------------------|----|
| 15° Elbow.....      | 13 |
| 30° Elbow.....      | 13 |
| 45° Elbow.....      | 13 |
| 45° Elbow Long..... | 13 |
| 87° Elbow.....      | 14 |
| Tee.....            | 14 |
| Tee Cap.....        | 14 |

#### Condensate Management

|                                  |    |
|----------------------------------|----|
| Horizontal Drain Tee.....        | 15 |
| Tee Cap with Drain.....          | 15 |
| Universal Ball Valve Siphon..... | 15 |

#### Horizontal Vent Kits

|                           |    |
|---------------------------|----|
| Horizontal Vent Kits..... | 16 |
|---------------------------|----|

#### Terminations

|                                               |    |
|-----------------------------------------------|----|
| Chimney Cover PPs-UV.....                     | 17 |
| Chimney Cover SS with PPs-UV<br>End Pipe..... | 17 |
| Low Profile Wall Termination.....             | 17 |
| Universal B-Vent Cap.....                     | 18 |
| Termination Tee.....                          | 18 |
| End Pipe PPs-UV.....                          | 19 |
| Vent Lengths PPs-UV.....                      | 19 |
| 45° Elbow Long PPs-UV.....                    | 19 |
| 45° Elbow PPs-UV.....                         | 19 |
| 87° Elbow Long PPs-UV.....                    | 20 |
| 87° Elbow PPs-UV.....                         | 20 |
| PPs to PVC Termination Kit.....               | 20 |
| Bird Screen PPs-UV.....                       | 20 |
| Bird Screen SS.....                           | 20 |

#### Spacers

|                                |    |
|--------------------------------|----|
| 2", 3", 4", and 5" Spacer..... | 21 |
|--------------------------------|----|

#### Accessories

|                     |    |
|---------------------|----|
| Flue Clamp.....     | 21 |
| Support Clamp.....  | 21 |
| Wall Plate.....     | 22 |
| Connector Ring..... | 22 |
| EPDM Gaskets.....   | 22 |
| B-Vent Gasket.....  | 23 |
| Centrocerin.....    | 23 |

## InnoFlue® Flex

|                             |    |
|-----------------------------|----|
| Typical Configurations..... | 24 |
|-----------------------------|----|

### COMPONENTS

#### Flex Vent Lengths

|                     |    |
|---------------------|----|
| 2" Flex.....        | 25 |
| 3" and 4" Flex..... | 25 |

#### Couplers

|                            |    |
|----------------------------|----|
| SW to Flex Coupler.....    | 26 |
| Flex to SW Couplers.....   | 26 |
| Flex to Flex Couplers..... | 26 |

#### B-Vent Kits

|                           |    |
|---------------------------|----|
| 2" B-Vent Kit.....        | 27 |
| 3" and 4" B-Vent Kit..... | 27 |

#### Flex Component B-Vent Kits

|                                             |    |
|---------------------------------------------|----|
| 2" Flex Component B-Vent Kit.....           | 28 |
| 3" and 4" Flex Component B-Vent<br>Kit..... | 28 |

#### Chimney Kits

|                                              |    |
|----------------------------------------------|----|
| 2" Chimney Kit.....                          | 29 |
| 3" and 4" Chimney Kit.....                   | 29 |
| 2" Flex Component<br>Chimney Kit.....        | 30 |
| 3" and 4" Flex Component<br>Chimney Kit..... | 30 |

#### Terminations

|                                  |    |
|----------------------------------|----|
| Chimney Covers PPs-UV.....       | 30 |
| Custom Chimney Cover PPs-UV..... | 30 |
| 2" Flex End Pipe.....            | 31 |
| 3" and 4" Flex End Pipe.....     | 31 |
| Universal B-Vent Cap.....        | 31 |

## InnoFlue® Concentric

|                                   |    |
|-----------------------------------|----|
| Applications and Limitations..... | 32 |
| Typical Configurations.....       | 33 |

### COMPONENTS

#### Concentric Adaptors

|                                       |    |
|---------------------------------------|----|
| Concentric Centric Increaser.....     | 33 |
| Concentric Test Port.....             | 33 |
| Concentric to Twin Pipe Adaptors..... | 34 |
| Twin Pipe to Concentric Adaptors..... | 34 |
| Concentric Horizontal Drain Tee.....  | 34 |

#### Concentric Vent Lengths

|                             |    |
|-----------------------------|----|
| Concentric Vent Length..... | 35 |
|-----------------------------|----|

#### Elbows

|                           |    |
|---------------------------|----|
| Concentric 45° Elbow..... | 35 |
| Concentric 87° Elbow..... | 35 |

#### Wall Plates

|                  |    |
|------------------|----|
| Wall Plates..... | 35 |
|------------------|----|

#### Terminations

|                                   |    |
|-----------------------------------|----|
| Concentric Roof Terminations..... | 36 |
| Concentric Wall Terminations..... | 36 |

#### Accessories

|                    |    |
|--------------------|----|
| Support Clamp..... | 36 |
|--------------------|----|

#### Concentric Kits

|                                |    |
|--------------------------------|----|
| Concentric Kit Horizontal..... | 37 |
| Concentric Kit Vertical.....   | 37 |

## InnoFlue® SW Commercial

|                                   |    |
|-----------------------------------|----|
| Applications and Limitations..... | 38 |
| Typical Configurations.....       | 39 |

### COMPONENTS

#### Appliance Adaptors

|                                                                                                            |    |
|------------------------------------------------------------------------------------------------------------|----|
| Commercial Appliance Adaptor<br>for Coupler Style Flue Collars.....                                        | 40 |
| Commercial Appliance Adaptor<br>for Flue Collars with Hose Clamp....                                       | 40 |
| Commercial Appliance Adaptor with<br>Condensation Drain & Vibration<br>Isolation Boot OEM to InnoFlue®.... | 40 |
| Commercial Appliance Adaptors<br>OEM to InnoFlue®.....                                                     | 41 |
| Commercial Appliance Adaptors<br>SS to PPs.....                                                            | 41 |
| Vibration Isolation Boot w/ Clamps.....                                                                    | 42 |

#### Increasesers and Reducers

|                          |    |
|--------------------------|----|
| Centric Increaser.....   | 42 |
| Eccentric Increaser..... | 42 |
| Reducer.....             | 43 |
| Tapered Reducer.....     | 43 |

#### Test Ports

|                |    |
|----------------|----|
| Test Port..... | 43 |
|----------------|----|

#### Vent Lengths

|                         |    |
|-------------------------|----|
| Rigid Vent Lengths..... | 44 |
|-------------------------|----|

#### Elbows

|                   |    |
|-------------------|----|
| 15° Elbow.....    | 44 |
| 30° Elbow.....    | 45 |
| 45° Elbow.....    | 45 |
| 87° Elbow.....    | 45 |
| Base Support..... | 45 |

## Cascade Components

|                       |    |
|-----------------------|----|
| Branch Tees.....      | 46 |
| Non-Return Valve..... | 47 |

## Cascade Component Kits

|                             |    |
|-----------------------------|----|
| Cascade Component Kits..... | 47 |
|-----------------------------|----|

## Condensate Management

|                                  |    |
|----------------------------------|----|
| Horizontal Drain Tee.....        | 48 |
| Horizontal Drain Fitting.....    | 48 |
| Tee.....                         | 48 |
| Tee Cap.....                     | 49 |
| Tee Cap with Drain.....          | 49 |
| Universal Ball Valve Siphon..... | 49 |

## Terminations

|                                             |    |
|---------------------------------------------|----|
| Chimney Cover SS<br>w/ PPs-UV End Pipe..... | 50 |
| End Pipe PPs-Gray.....                      | 50 |
| Termination Tees.....                       | 51 |
| Velocity Cone.....                          | 52 |
| PPs to PVC Termination Kit.....             | 52 |
| Bird Screen PPs-UV.....                     | 52 |
| Bird Screen SS.....                         | 52 |

## Spacers

|              |    |
|--------------|----|
| Spacers..... | 53 |
|--------------|----|

## Accessories

|                                  |    |
|----------------------------------|----|
| Flue Clamp.....                  | 53 |
| Connector Ring.....              | 53 |
| Connector Double Hose Clamp..... | 54 |
| Support Clamp.....               | 54 |
| EPDM Gaskets.....                | 54 |
| Wall Plates.....                 | 54 |
| Centrocerin.....                 | 54 |



# WORLDWIDE

Established in 2009 for the purpose of introducing Polypropylene Vent Systems to the North American market, **Centrotherm Eco Systems** is the most recent addition to the Ubbink Centrotherm Group.

Ubbink was founded in the Netherlands in 1896. In 1976, Centrotherm Systemtechnik was established in Brilon, Germany, and in 1998, CENTROTEC Sustainable AG was formed as its parent holding company. Subsequently, Ubbink was acquired by Centrotec Sustainable AG in 2000. Today, CENTROTEC is one of Europe's leading manufacturers of a variety of sustainable building solutions, as you will find by visiting: <http://centrotec.de>.

Now, **Centrotherm Eco Systems** produces its InnoFlue® Vent Systems based on a wealth of technical know-how and experience accumulated over time. Field proven for 20 years, it has been installed and is performing successfully in millions of homes in the North American and European markets today.

**Centrotherm Eco Systems** supplies its standard **InnoFlue®** vent products to heating professionals through heating and plumbing wholesalers, as well as commercial spec. representatives.

**Centrotherm Eco Systems** also designs, produces, and delivers internal equipment components to many OEMs of high efficiency boilers, tankless water heaters and furnaces.

The following catalog pages describe our standard products available today.

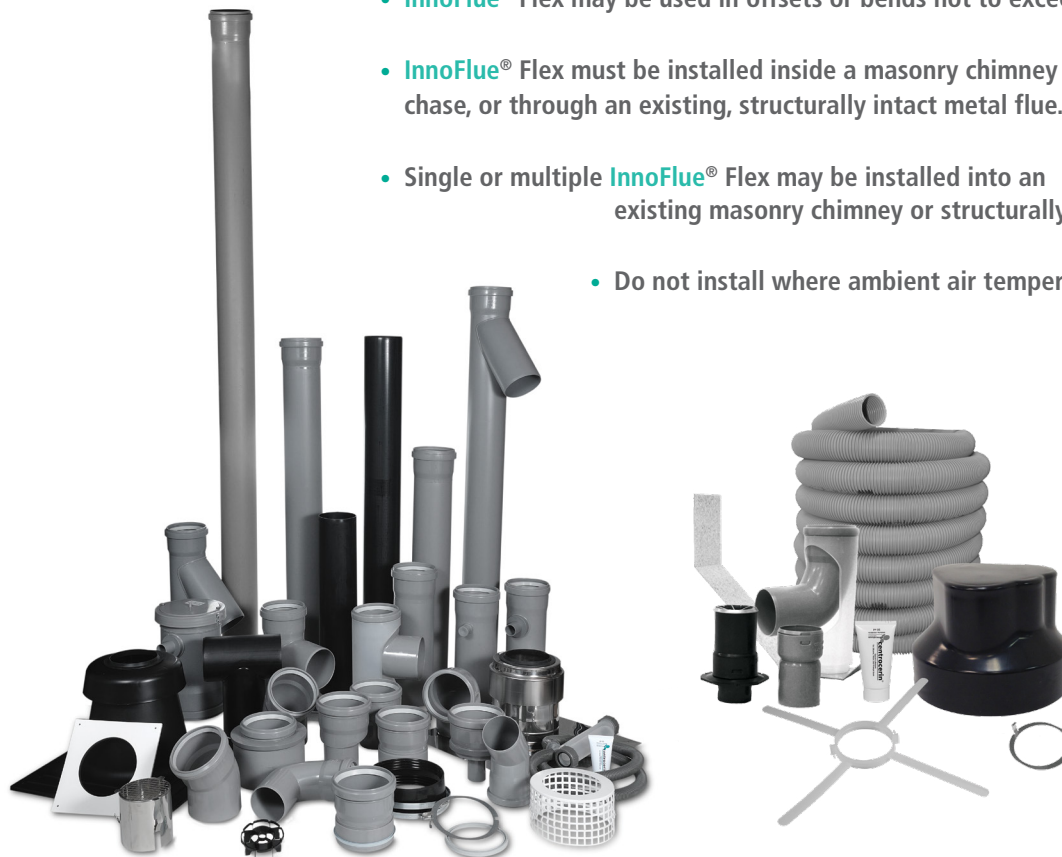
We are looking forward to your feedback and input to help keep our products on the cutting edge of technology, simplicity, and ease of installation.



# INNOFLUE® Polypropylene Vent Systems

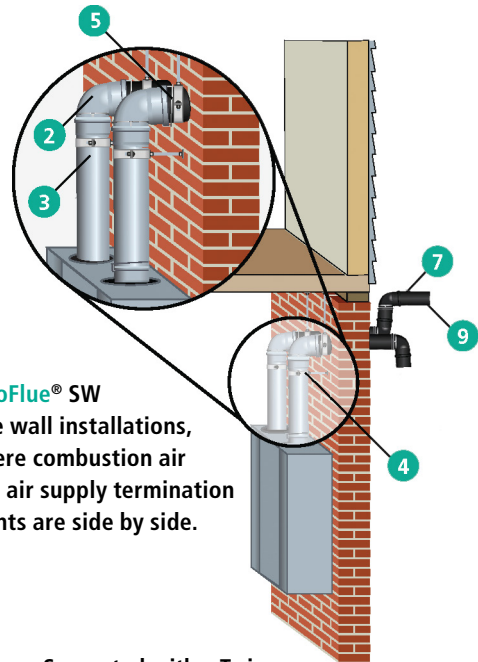
## Applications and Limitations

- In order to maintain relevant listings and Centrotherm's warranty, **InnoFlue®** vent systems may not be combined with any polymeric or stainless steel vent components that are not part of Centrotherm's published offerings.
- **InnoFlue®** SW and **InnoFlue®** Flex must be installed following Centrotherm's published installation instructions.
- **InnoFlue®** SW and **InnoFlue®** Flex are ETL listed to UL and ULC standards for use with natural gas or propane fired, Cat. II or Cat. IV appliances (US) or BH Gas Class II A, B and C gas or propane fired appliances (Canada).
- **InnoFlue®** SW and **InnoFlue®** Flex can also be used for oil fired, condensing appliances with a maximum flue gas temperature that does not exceed 230°F (110°C).
- **InnoFlue®** SW and **InnoFlue®** Flex are ETL listed to UL 1738 and ULC-S636 at zero clearance to combustibles.
- **InnoFlue®** SW may be installed inside a masonry or sheet rocked chase, through an existing structurally intact metal flue, between floor joists, directly through a wall or if properly supported, can even be left exposed along the interior of a structure.
- **InnoFlue®** Flex is available in 2", 3" and 4" diameters and offers all necessary components for combining it with **InnoFlue®** SW and InnoFlue Concentric to meet specific job requirements.
- **InnoFlue®** Flex may be used in offsets or bends not to exceed 45 degrees from vertical.
- **InnoFlue®** Flex must be installed inside a masonry chimney or sheet rocked chase, or through an existing, structurally intact metal flue.
- Single or multiple **InnoFlue®** Flex may be installed into an existing masonry chimney or structurally intact metal flue or chase.
- Do not install where ambient air temperature can exceed 300°F.



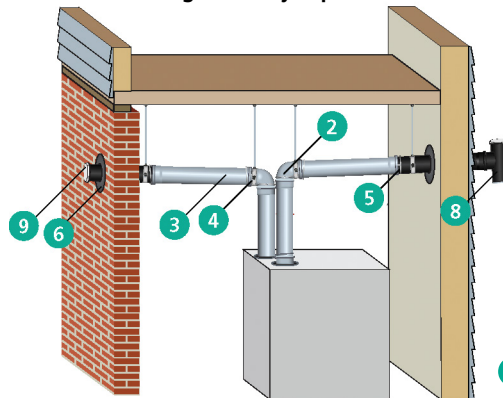
# INNOFLUE® SINGLE WALL TYPICAL CONFIGURATIONS

- |                                          |                                |
|------------------------------------------|--------------------------------|
| 2 ISEL87: 87° Elbow                      | 24 ISBS: Base Support          |
| 3 ISVL: Vent Length                      | 25 IASP: Spacer                |
| 4 IASCM: Support Clamp                   | 27 IFVL: Flexible Vent Length  |
| 5 IANS: Connector Ring                   | 28 ISCP: Chimney Cover PPs-UV  |
| 6 IAWP: Wall Plate                       | 29 IFEP: Flex End Pipe         |
| 7 ISEP: End Pipe PPs-UV                  | 30 IFFSC: Flex to SW Coupler   |
| 8 ISTT: Termination Tee PPs-UV           | 36 IAUBV: Universal B-Vent Cap |
| 9 IASPP: Bird Screen PPs-UV              | 37 IFPT: Custom Chimney Cover  |
| 11 ISELLUV: 87° Elbow Long PPs-UV        | Refer to pg. 24                |
| 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      |                                |

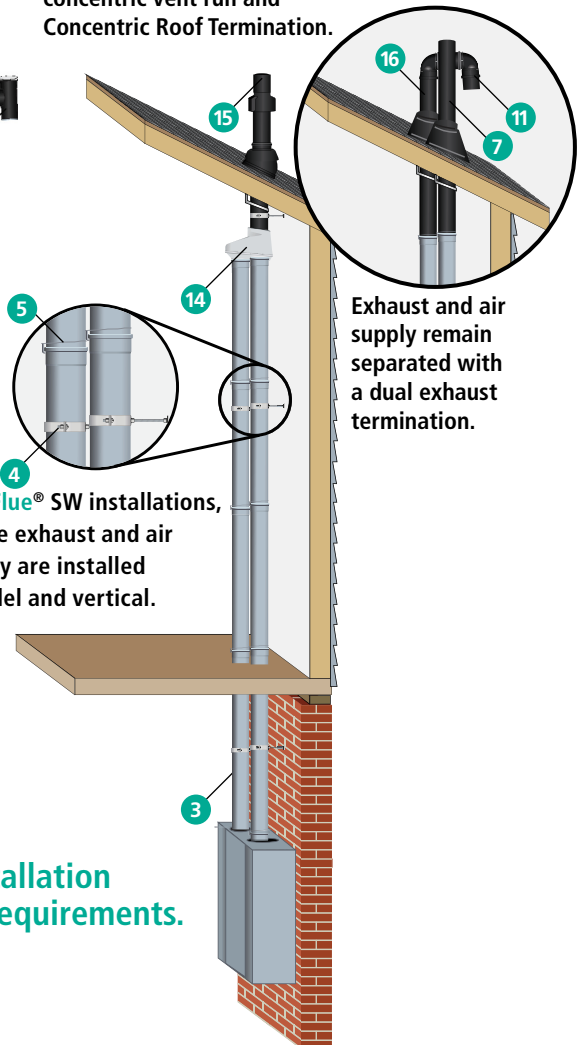


**InnoFlue® SW** side wall installations, where combustion air and air supply termination points are side by side.

**InnoFlue® SW** side wall installations where combustion air and supply termination points can be significantly separated.

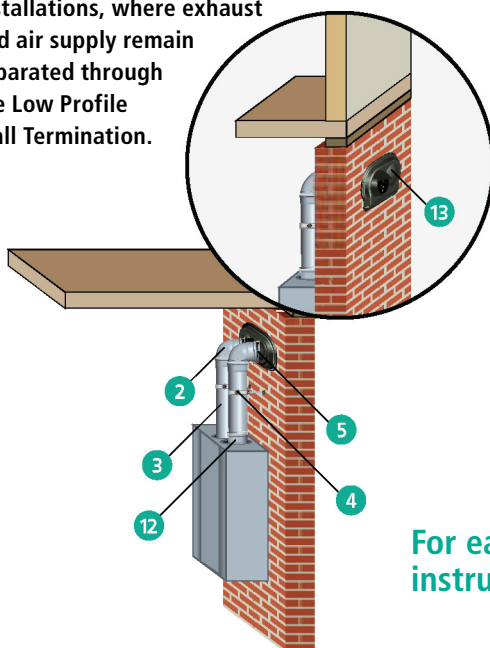


Separated with a Twin Pipe to Concentric Adaptor below the roof for the final concentric vent run and Concentric Roof Termination.



Exhaust and air supply remain separated with a dual exhaust termination.

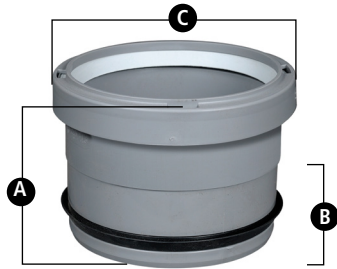
**InnoFlue® SW** side wall installations, where exhaust and air supply remain separated through the Low Profile Wall Termination.



For each configuration, see installation instructions and specific code requirements.

## Appliance Adaptors

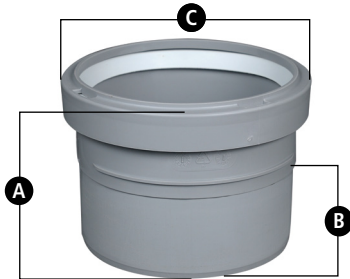
Check adaptor matrix at [www.centrotherm.us.com/literature/o-e-m-approvals](http://www.centrotherm.us.com/literature/o-e-m-approvals)



### Appliance Adaptor for Coupler Style Flue Collars

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

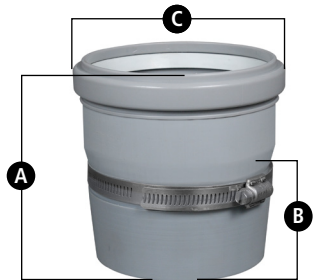
| Nominal Diameter PVC to PP | Part #    | Overall Length "A" | Effective Length "B" | Max O.D. "C" |
|----------------------------|-----------|--------------------|----------------------|--------------|
| 2" / 2" (60/60)            | ISAGL0202 | 3.3 (83)           | 1.0 (26)             | 3.0 (76)     |
| 3" / 3" (89/80)            | ISAGL0303 | 3.0 (75)           | 0.8 (21)             | 3.8 (97)     |
| 4" / 4" (114/110)          | ISAGL0404 | 3.4 (87)           | 0.8 (21)             | 5.1 (129)    |
| 5" / 5" (140/125)          | ISAGL0505 | 5.7 (144)          | 0.8 (21)             | 5.8 (146)    |



### Appliance Adaptor for Flue Collar with Hose Clamp

Adapts a female PVC / CPVC sized appliance collar (with integrated gasket) to InnoFlue® SW diameters.

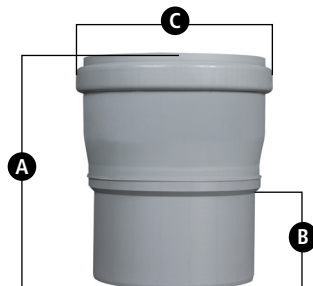
| Nominal Diameter PVC to PP | Part #    | Overall Length "A" | Effective Length "B" | Max O.D. "C" |
|----------------------------|-----------|--------------------|----------------------|--------------|
| 2" / 2" (60/60)            | ISAAL0202 | 3.3 (83)           | 1.0 (26)             | 3.0 (76)     |
| 3" / 3" (89/80)            | ISAAL0303 | 3.0 (75)           | 0.8 (21)             | 3.8 (97)     |
| 4" / 4" (114/110)          | ISAAL0404 | 3.4 (87)           | 0.8 (21)             | 5.1 (129)    |
| 5" / 5" (140/125)          | ISAAL0505 | 5.7 (144)          | 0.8 (21)             | 5.8 (146)    |



### Appliance Adaptor SS to InnoFlue®

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

| Nominal Diameter | Part #    | Overall Length "A" | Effective Length "B" | Max O.D. "C" |
|------------------|-----------|--------------------|----------------------|--------------|
| 3" (80)          | ISAAS0303 | 4.5 (115)          | 0.8 (21)             | 3.8 (97)     |
| 4" (110)         | ISAAS0404 | 4.8 (122)          | 0.8 (21)             | 5.1 (129)    |



### Appliance Adaptor SS to InnoFlue®

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

| Nominal Diameter  | Part #   | Overall Length "A" | Effective Length "B" | Max O.D. "C" |
|-------------------|----------|--------------------|----------------------|--------------|
| 3" / 3" (76/80)   | ISSA0303 | 6.0 (153)          | 3.1 (78)             | 3.8 (97)     |
| 4" / 4" (102/110) | ISSA0404 | 6.0 (153)          | 3.6 (91)             | 5.1 (129)    |
| 5" / 5" (127/125) | ISSA0505 | 6.5 (166)          | 3.9 (99)             | 5.8 (146)    |



## Appliance Adaptors 101mm to PPs

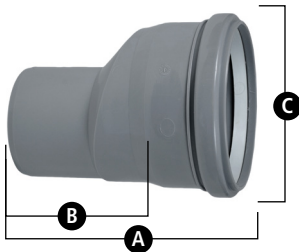
Adapts 101mm diameter flue exhaust to InnoFlue® Adaptors include replacement o-ring for flue collar.

| Nominal Diameter PVC to PP | Part #    | Overall Length "A" | Effective Length "B" | Max O.D. "C" |
|----------------------------|-----------|--------------------|----------------------|--------------|
| 4" (100/101) / 3" (80)     | ISAO10103 | 6.5 ( 165 )        | 3.3 (84)             | 3.8 (97)     |
| 4" (100/101) / 4" (110)    | ISAO10104 | 6.4 (163)          | 4.0 (102)            | 5.1 (129)    |

## Custom Appliance Adaptors Available

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

## Increasesers & Reducers



### Eccentric Increaser

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

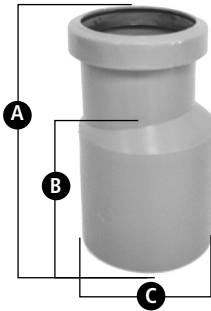
| Nominal Diameter  | Part #   | Overall Length "A" | Effective Length "B" | Max O.D. "C" |
|-------------------|----------|--------------------|----------------------|--------------|
| 2" / 3" (60/80)   | ISEI0203 | 5.3 (135)          | 3.1 (79)             | 3.8 (97)     |
| 3" / 4" (80/110)  | ISEI0304 | 6.1 (156)          | 3.6 (91)             | 5.1 (129)    |
| 4" / 5" (110/125) | ISEI0405 | 6.7 (170)          | 4.2 (106)            | 5.8 (146)    |



### Centric Increaser

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

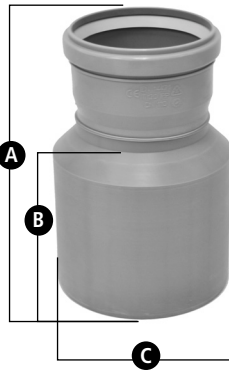
| Nominal Diameter  | Part #    | Overall Length "A" | Effective Length "B" | Max O.D. "C" |
|-------------------|-----------|--------------------|----------------------|--------------|
| 2" / 3" (60/80)   | ISIA0203  | 5.9 (150)          | 3.5 (89)             | 3.8 (97)     |
| 3" / 4" (80/110)  | ISIA0304  | 5.7 (145)          | 3.2 (81)             | 5.1 (129)    |
| 4" / 4" (100/110) | ISIA10004 | 6.4 (163)          | 4.2 (105)            | 5.1 (129)    |
| 4" / 5" (110/125) | ISIA0405  | 6.8 (173)          | 4.3 (110)            | 5.8 (146)    |



### 3 1/2" Reducer

Transitions vent system to a smaller diameter.

| Nominal Diameter | Part #   | Overall Length "A" | Effective Length "B" | Max O.D. "C" |
|------------------|----------|--------------------|----------------------|--------------|
| 3 1/2" (80/60)   | ISRD0302 | 60 (153)           | 3.5 (89)             | 3.2 (80)     |

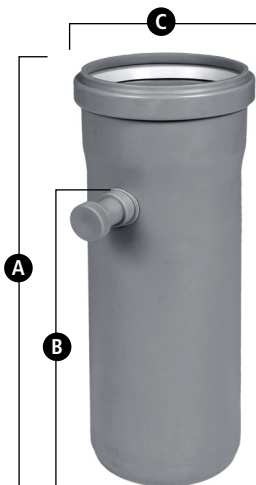


### Reducers

Transitions vent system to a smaller diameter.

| Nominal Diameter | Part #    | Overall Length "A" | Effective Length "B" | Max O.D. "C" |
|------------------|-----------|--------------------|----------------------|--------------|
| 4 1/3" (110/80)  | ISRD0403  | 6.0 (153)          | 3.5 (89)             | 4.3 (110)    |
| 5 1/4" (125/110) | ISRD0504  | 6.5 (166)          | 4.0 (102)            | 4.9 (125)    |
| 6 1/4" (160/110) | ISRD0604  | 6.5 (166)          | 4.0 (102)            | 6.3 (160)    |
| 6 1/5" (160/125) | ISRD0605  | 6.5 (166)          | 4.0 (102)            | 6.3 (160)    |
| 5 1/5" (130/125) | ISRD13005 | 5.0 (127)          | 4.7 (120)            | 5.1 (130)    |
| 6 1/4" (150/110) | ISRD15004 | 8.8 (223)          | 6.5 (165)            | 5.9 (150)    |
| 6 1/5" (150/125) | ISRD15005 | 9.1 (230)          | 6.7 (170)            | 5.9 (150)    |

## Test Ports

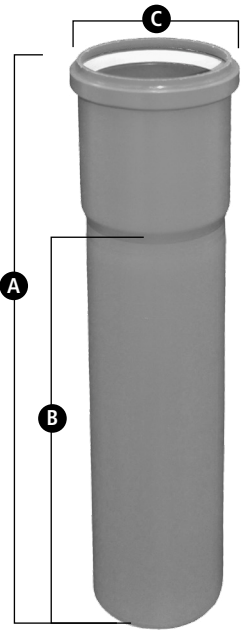


### Test Port

Installed immediately above the appliance, the test port allows plumbing and heating 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 (76)     |
| 3" (80)          | ISTP03 | 7.0 (170)          | 4.5 (115)            | 3.8 (97)     |
| 4" (110)         | ISTP04 | 12.4 (314)         | 9.8 (250)            | 5.1 (129)    |
| 5" (125)         | ISTP05 | 12.6 (320)         | 9.8 (250)            | 5.8 (146)    |

## Vent Lengths



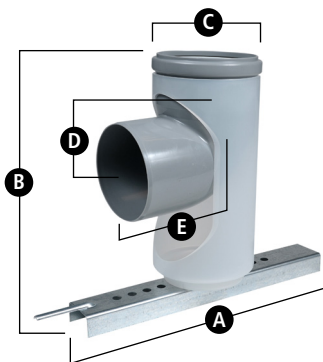
**Now in 10 foot  
effective lengths!**

## Rigid Vent Length

Rigid polypropylene vent lengths with dedicated male and female ends. Female ends contain internal gasket and male ends can be field cut and chamfered to desired length.

| Nominal Diameter | Part #   | Overall Length "A" | Effective Length "B" | Max O.D. "C" |
|------------------|----------|--------------------|----------------------|--------------|
| 2" (60)          | ISVL021  | 16.4 (411)         | 12 (305)             | 3.0 (76)     |
| 2" (60)          | ISVL022  | 28.4 (716)         | 24 (610)             | 3.0 (76)     |
| 2" (60)          | ISVL023  | 40.4 (1021)        | 36 (914)             | 3.0 (76)     |
| 2" (60)          | ISVL026  | 76.4 (1935)        | 72 (1829)            | 3.0 (76)     |
| 2" (60)          | ISVL0210 | 124.2 (3155)       | 120 (3048)           | 3.0 (76)     |
| 3" (80)          | ISVL031  | 16.4 (411)         | 12 (305)             | 3.8 (97)     |
| 3" (80)          | ISVL032  | 28.4 (716)         | 24 (610)             | 3.8 (97)     |
| 3" (80)          | ISVL033  | 40.2 (1021)        | 36 (914)             | 3.8 (97)     |
| 3" (80)          | ISVL036  | 76.4 (1935)        | 72 (1829)            | 3.8 (97)     |
| 3" (80)          | ISVL0310 | 124.2 (3155)       | 120 (3048)           | 3.8 (97)     |
| 4" (110)         | ISVL041  | 16.0 (406)         | 12 (305)             | 5.1 (129)    |
| 4" (110)         | ISVL042  | 28.0 (711)         | 24 (610)             | 5.1 (129)    |
| 4" (110)         | ISVL043  | 40.2 (1016)        | 36 (914)             | 5.1 (129)    |
| 4" (110)         | ISVL046  | 76.2 (1930)        | 72 (1829)            | 5.1 (129)    |
| 4" (110)         | ISVL0410 | 124.2 (3155)       | 120 (3048)           | 5.1 (129)    |
| 5" (125)         | ISVL051  | 15.9 (404)         | 12 (305)             | 5.8 (146)    |
| 5" (125)         | ISVL052  | 27.9 (709)         | 24 (610)             | 5.8 (146)    |
| 5" (125)         | ISVL053  | 39.9 (1013)        | 36 (914)             | 5.8 (146)    |
| 5" (125)         | ISVL056  | 75.9 (1928)        | 72 (1829)            | 5.8 (146)    |

## Base Supports



## Base Support

Supports vertical sections of rigid (up to 164') and flexible (up to 98' with Flex end pipe) vent lengths installed in chimneys and chases.

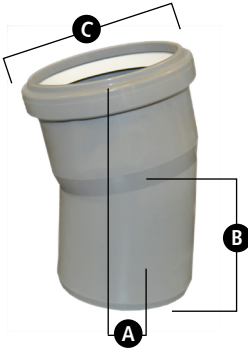
| Nominal Diameter | Part #   | Base Length "A" | Height "B" | Max O.D. "C" | Effective "D" | Effective "E" |
|------------------|----------|-----------------|------------|--------------|---------------|---------------|
| 2" (60)          | ISBS0287 | 15.8 (400)      | 9.4 (238)  | 3.0 (76)     | 2.7 (69)      | 4.6 (118)     |
| 3" (80)          | ISBS0387 | 15.8 (400)      | 10.6 (269) | 3.8 (97)     | 3.4 (86)      | 4.9 (125)     |
| 4" (110)         | ISBS0487 | 15.8 (400)      | 11.5 (291) | 5.1 (129)    | 2.6 (65)      | 4.5 (115)     |
| 5" (125)         | ISBS0587 | 15.8 (400)      | 13.4 (341) | 5.8 (146)    | 2.9 (74)      | 5.4 (136)     |

## Base Support Bracket

B-Vent Support Bracket (IABVSB) replaces metal channel on base support to support vertical sections of rigid and flexible vent lengths installed inside a B-Vent. Fastens to floor joists.

| Part # | Width "A"  | Height "B" |
|--------|------------|------------|
| IABVSB | 17.5 (446) | 11.8 (298) |

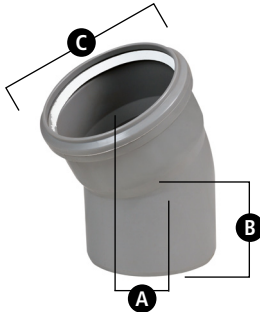
## Elbows



### 15° Elbow

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

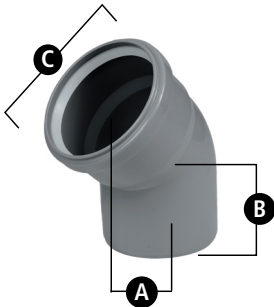
| Nominal Diameter | Part #   | Centerline Offset "A" | Effective Length "B" | Max O.D. "C" |
|------------------|----------|-----------------------|----------------------|--------------|
| 2" (60)          | ISEL0215 | 0.7 (18)              | 3.3 (84)             | 3.0 (76)     |
| 3" (80)          | ISEL0315 | 0.7 (18)              | 3.1 (79)             | 3.8 (97)     |
| 4" (110)         | ISEL0415 | 0.8 (20)              | 3.6 (91)             | 5.1 (129)    |
| 5" (125)         | ISEL0515 | 0.9 (23)              | 4.6 (117)            | 5.8 (146)    |



### 30° Elbow

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

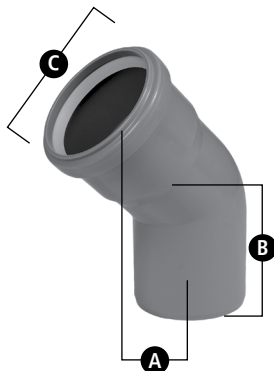
| Nominal Diameter | Part #   | Centerline Offset "A" | Effective Length "B" | Max O.D. "C" |
|------------------|----------|-----------------------|----------------------|--------------|
| 2" (60)          | ISEL0230 | 1.5 (38)              | 3.6 (91)             | 3.0 (76)     |
| 3" (80)          | ISEL0330 | 1.4 (36)              | 3.4 (86)             | 3.8 (97)     |
| 4" (110)         | ISEL0430 | 1.7 (43)              | 4.1 (104)            | 5.1 (129)    |
| 5" (125)         | ISEL0530 | 1.8 (46)              | 5.1 (130)            | 5.8 (146)    |



### 45° Elbow

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

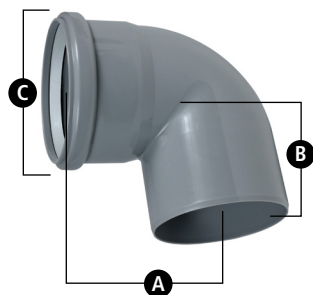
| Nominal Diameter | Part #   | Centerline Offset "A" | Effective Length "B" | Max O.D. "C" |
|------------------|----------|-----------------------|----------------------|--------------|
| 3" (80)          | ISEL0345 | 2.2 (56)              | 3.6 (92)             | 3.8 (97)     |
| 4" (110)         | ISEL0445 | 2.2 (63)              | 4.1 (105)            | 5.1 (129)    |
| 5" (125)         | ISEL0545 | 2.7 (68)              | 4.8 (122)            | 5.8 (146)    |



### 45° Elbow Long

Longer 45° Elbow allows for greater offsets or changes in the direction of the vent system.

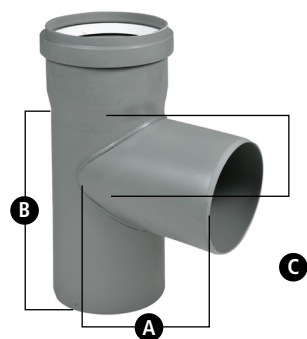
| Nominal Diameter | Part #    | Centerline Offset "A" | Effective Length "B" | Max O.D. "C" |
|------------------|-----------|-----------------------|----------------------|--------------|
| 2" (60)          | ISELL0245 | 2.2 (56)              | 3.8 (96)             | 3.0 (76)     |



## 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" (60)          | ISELL0287 | 2.5 (63)              | 4.8 (121)            | 3.0 (76)     |
| 3" (80)          | ISEL0387  | 5.3 (133)             | 5.0 (127)            | 3.7 (97)     |
| 4" (110)         | ISEL0487  | 2.4 (60)              | 4.6 (118)            | 5.1 (129)    |
| 5" (125)         | ISEL0587  | 2.7 (68)              | 5.5 (139)            | 5.8 (146)    |



## Tee

Use to change the direction of the vent system, combine multiple appliances, and capture condensates at base of long vertical runs.

| Nominal Diameter | Part # | Effective Length "A" | Effective Length "B" | Effective Length "C" |
|------------------|--------|----------------------|----------------------|----------------------|
| 2" (60)          | IST02  | 6.3 (160)            | 8.7 (221)            | 2.6 (66)             |
| 3" (80)          | IST03  | 6.3 (160)            | 8.7 (221)            | 2.7 (69)             |
| 4" (110)         | IST04  | 5.6 (142)            | 8.4 (214)            | 3.0 (76)             |
| 5" (125)         | IST05  | 5.9 (149)            | 10.1 (256)           | 3.7 (94)             |

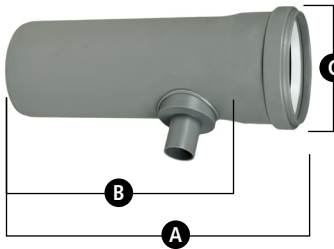


## Tee Cap

Seals non-utilized tees and branch tees.

| Nominal Diameter | Part # | Max O.D. "A" |
|------------------|--------|--------------|
| 2" (60)          | ISTC02 | 3.0 (76)     |
| 3" (80)          | ISTC03 | 3.8 (97)     |
| 4" (110)         | ISTC04 | 5.1 (129)    |
| 5" (125)         | ISTC05 | 5.8 (146)    |

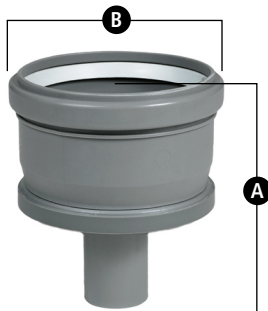
## Condensate Management



### Horizontal Drain Tee

Use with any InnoFlue® siphon to drain condensate from the vent system. Install in horizontal section closest to appliance. 1.26" (32mm) O.D. drain.

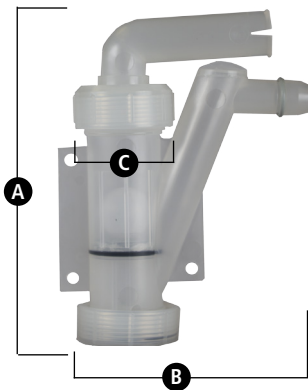
| Nominal Diameter | Part #  | Overall Length "A" | Effective Length "B" | Max O.D. "C" |
|------------------|---------|--------------------|----------------------|--------------|
| 2" (60)          | ISHDT02 | 9.8 (250)          | 7.3 (186)            | 3.0 (76)     |
| 3" (80)          | ISHDT03 | 9.8 (250)          | 7.3 (186)            | 3.7 (94)     |
| 4" (110)         | ISHDT04 | 12.4 (315)         | 9.8 (250)            | 4.1 (129)    |
| 5" (125)         | ISHDT05 | 12.4 (315)         | 9.8 (250)            | 5.8 (146)    |



### Tee Cap with Drain

Use with any InnoFlue® siphon to drain condensate from the vent system.

| Nominal Diameter | Part #  | Overall Length "A" | Max O.D. "B" | Drain O.D. "C" |
|------------------|---------|--------------------|--------------|----------------|
| 2" (60)          | ISTCD02 | 6.1 (155)          | 3.0 (75)     | 1.3 (32)       |
| 3" (80)          | ISTCD03 | 5.3 (135)          | 3.7 (95)     | 1.3 (32)       |
| 4" (110)         | ISTCD04 | 5.9 (150)          | 5.0 (126)    | 1.3 (32)       |
| 5" (125)         | ISTCD05 | 6.4 (163)          | 5.8 (146)    | 1.3 (32)       |



### Universal Ball Valve Siphon

Attaches to any InnoFlue® drain. Allows condensates to flow while unique ball valve assures combustion gases remain contained at higher temperatures. Comes with and can be installed with a barbed or compression fitting.

| Part #  | Overall Height "A" | Width "B" | Length "C" |
|---------|--------------------|-----------|------------|
| IASJBVS | 6.5                | 4.5       | 1.9        |

Horizontal Vent Kits

SW  
Residential

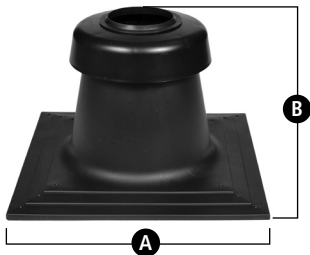


Horizontal Vent Kit

Includes all fittings and accessories required for short sidewall termination vent runs.

| Nominal Diameter | Part #  |
|------------------|---------|
| 2" (60)          | ISVKH02 |
| 3" (80)          | ISVKH03 |
| 4" (110)         | ISVKH04 |
| 5" (125)         | ISVKH05 |

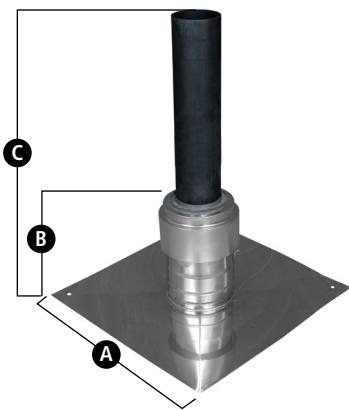
## Terminations



### 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.

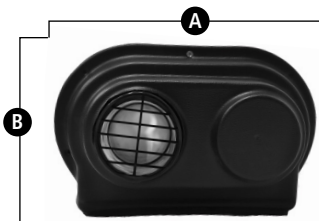
| Nominal Diameter | Part # | Length "A" | Height "B" |
|------------------|--------|------------|------------|
| 2" (60)          | ISCP02 | 15.8 (400) | 9.6 (245)  |
| 3" (80)          | ISCP03 | 15.8 (400) | 9.6 (245)  |
| 4" (110)         | ISCP04 | 15.8 (400) | 9.6 (245)  |



### 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.

| Nominal Diameter | Part # | Length "A"   | Height "B" | Height "C"    |
|------------------|--------|--------------|------------|---------------|
| 3" (80)          | ISCM03 | 16.5 (419.1) | 7.9 (200)  | 13.75 (349.3) |
| 4" (110)         | ISCM04 | 16.5 (419.1) | 7.9 (200)  | 13.75 (349.3) |
| 5" (125)         | ISCM05 | 16.5 (419.1) | 7.9 (200)  | 13.75 (349.3) |



### Low Profile Wall Termination

Low Profile 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 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)          |

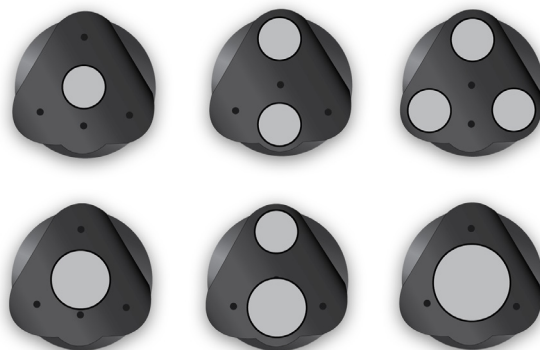




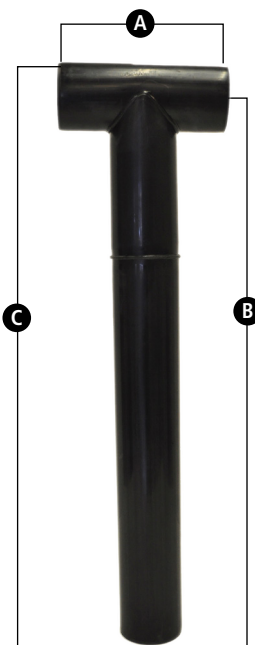
Universal B-Vent Cap

Allows for multiple flue configurations. Utilize existing B-Vent as a chase. Clean, professional and aesthetically pleasing. Installs quickly and easily.

| Part # | Length | Height | Width |
|--------|--------|--------|-------|
| IAUBVC | 10"    | 10"    | 10"   |



One Part → Multiple Configurations



Termination Tee

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

### 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)         | 2.4 (60)     |
| 2" (60)          | ISEP0239 | 39.4 (1000)        | 2.4 (60)     |
| 3" (80)          | ISEP03   | 19.7 (500)         | 3.2 (80)     |
| 3" (80)          | ISEP0339 | 39.4 (1000)        | 3.2 (80)     |
| 4" (110)         | ISEP04   | 19.7 (500)         | 4.3 (110)    |
| 4" (110)         | ISEP0439 | 39.4 (1000)        | 4.3 (110)    |

### Vent Lengths PPs-UV

Allows for the exterior extension of the vent system.

| Nominal Diameter | Part #    | Overall Length "A" | Effective Length "B" | Max O.D. "C" |
|------------------|-----------|--------------------|----------------------|--------------|
| 2" (60)          | ISVL022UV | 28.4 (721)         | 24 (610)             | 3.0 (75)     |
| 3" (80)          | ISVL032UV | 28.4 (721)         | 24 (610)             | 3.8 (97)     |
| 4" (110)         | ISVL042UV | 28.2 (716)         | 24 (610)             | 5.1 (129)    |
| 5" (125)         | ISVL052UV | 26.5 (673)         | 24 (610)             | 5.8 (146)    |

### 45° Elbow Long PPS-UV

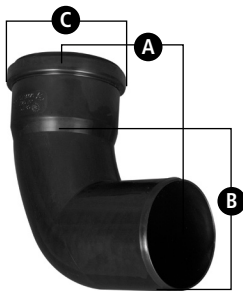
For exterior offsets or changes in the direction of the vent system.

| 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)            | 3.8 (97)     |

### 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)         | ISEL0445UV | 2.2 (63)              | 4.1 (105)            | 5.1 (129)    |



## 87° Elbow Long PPS-UV

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

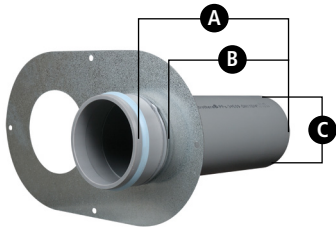
| Nominal Diameter | Part #      | Centerline Offset "A" | Effective Length "B" | Max O.D. "C" |
|------------------|-------------|-----------------------|----------------------|--------------|
| 2" (60)          | ISELL0287UV | 2.5 (63)              | 4.8 (121)            | 3.0 (76)     |
| 3" (80)          | ISELL0387UV | 5.3 (133)             | 5.1 (129)            | 3.8 (97)     |



## 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)         | ISEL0487UV | 2.4 (80)              | 4.6 (118)            | 5.1 (129)    |



## 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)    |



## 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 |

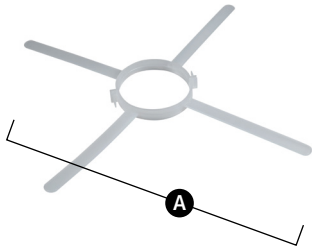


## Bird Screen SS

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

| Nominal Diameter | Part #  |
|------------------|---------|
| 5" (125)         | IASSS05 |

## Spacers

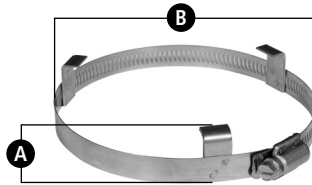


### 2", 3", 4" and 5" Spacers

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

| Nominal Diameter | Part # | Max Width "A" | Min Width |
|------------------|--------|---------------|-----------|
| 2" (60)          | IASP02 | 23.5 (596)    | 3.3 (85)  |
| 3" (80)          | IASP03 | 22.8 (580)    | 4.2 (106) |
| 4" (110)         | IASP04 | 23.9 (606)    | 5.4 (138) |
| 5" (125)         | IASP05 | 24.6 (625)    | 6 (151)   |

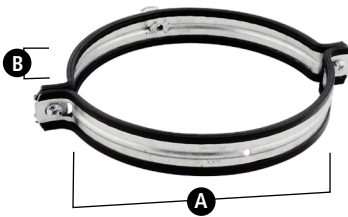
## Accessories



### Flue Clamp

Secures ISAGL appliance adaptors to appliance flue collar.

| 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)     |

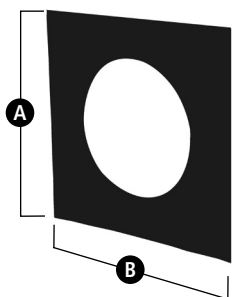


### Support Clamp

Used as vertical or horizontal support. Space 78" in vertical and 39" in horizontal installations.

**Uses 3/8" threaded rod.**

| Nominal Diameter | Part #  | Overall Length "A" | Height "B" |
|------------------|---------|--------------------|------------|
| 2" (60)          | IASCM02 | 3 (76.2)           | 1.1(28)    |
| 3" (80)          | IASCM03 | 3.8 (96.5)         | 1.1 (28)   |
| 4" (110)         | IASCM04 | 5.3 (134.6)        | 1.1 (28)   |
| 5" (125)         | IASCM05 | 5.8 (147.3)        | 1.1 (28)   |



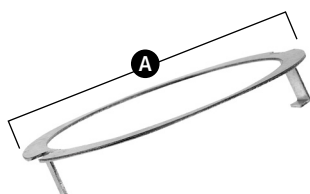
## Wall Plate Square (Plastic)

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

| Nominal Diameter | Part #   | Length "A" | Length "B" |
|------------------|----------|------------|------------|
| 2" (60)          | IAWP02BP | 6 (150)    | 6 (150)    |
| 3" (80)          | IAWP03BP | 6 (150)    | 6 (150)    |
| 4" (110)         | IAWP04BP | 6 (150)    | 6 (150)    |

## Connector Ring

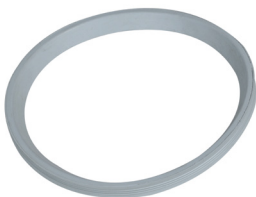
Provides reinforcement at joints to support loads of up to 99 lbs (45Kg).



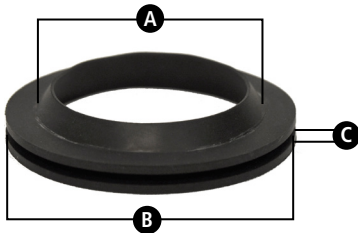
| Nominal Diameter | Part # | O.D. "A"  |
|------------------|--------|-----------|
| 2" (60)          | IAN502 | 3.2 (81)  |
| 3" (80)          | IAN503 | 4.1 (103) |
| 4" (110)         | IAN504 | 5.3 (134) |
| 5" (125)         | IAN505 | 5.8 (148) |

## EPDM Gaskets

Standard gasket for 2" through 5" 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 |



## B-Vent Gasket

Rubber gasket for converting existing B-Vent into a combustion air chase.

| Nominal Diameter | Part #  | Flange I.D. "A" | Max O.D. "B" | Groove Thickness "C" |
|------------------|---------|-----------------|--------------|----------------------|
| 2" (60)          | IACGE02 | 2.8 (72)        | 3.5 (88)     | 0.1 (2.5)            |
| 3" (80)          | IACGE03 | 3.6 (92)        | 4.3 (108)    | 0.1 (2.5)            |
| 4 (110)          | IACGE04 | 4.8 (122)       | 5.4 (137)    | 01 (2.5)             |

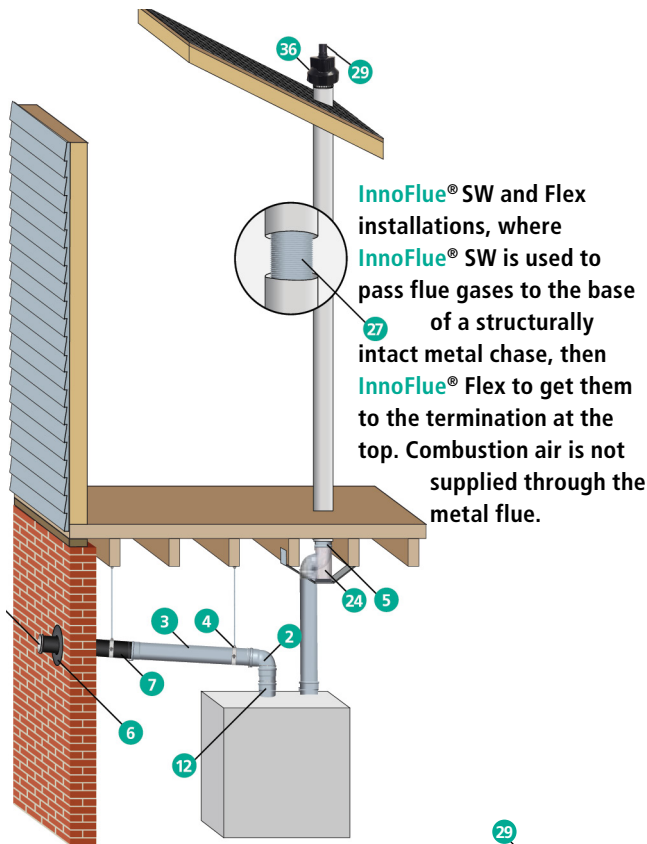
## Centrocerin

A water based lubricant used to ease the assembly of InnoFlue® SW & Flex. Sparingly applied to the gasket or male end.

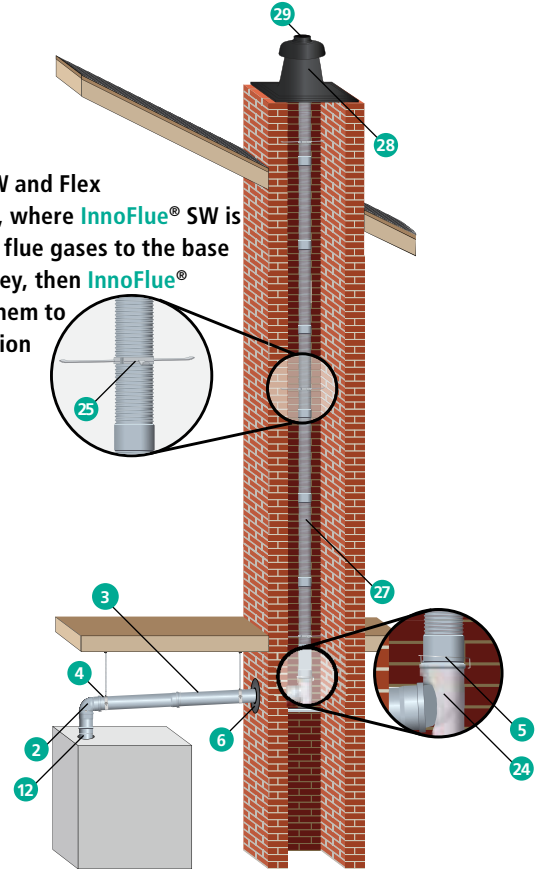
| Package Size | Part # |
|--------------|--------|
| 50 ml        | IACE50 |

# INNOFLUE® FLEX TYPICAL CONFIGURATIONS

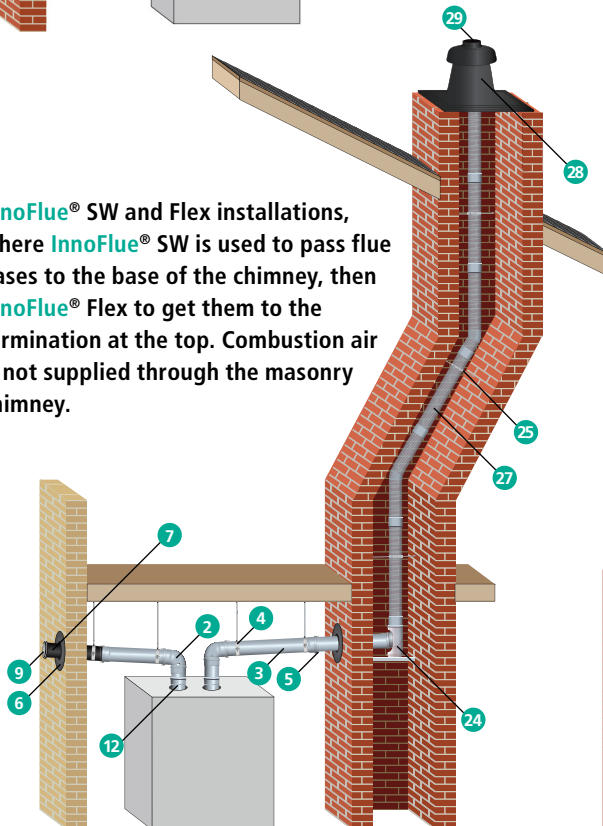
Refer to product key on page 8



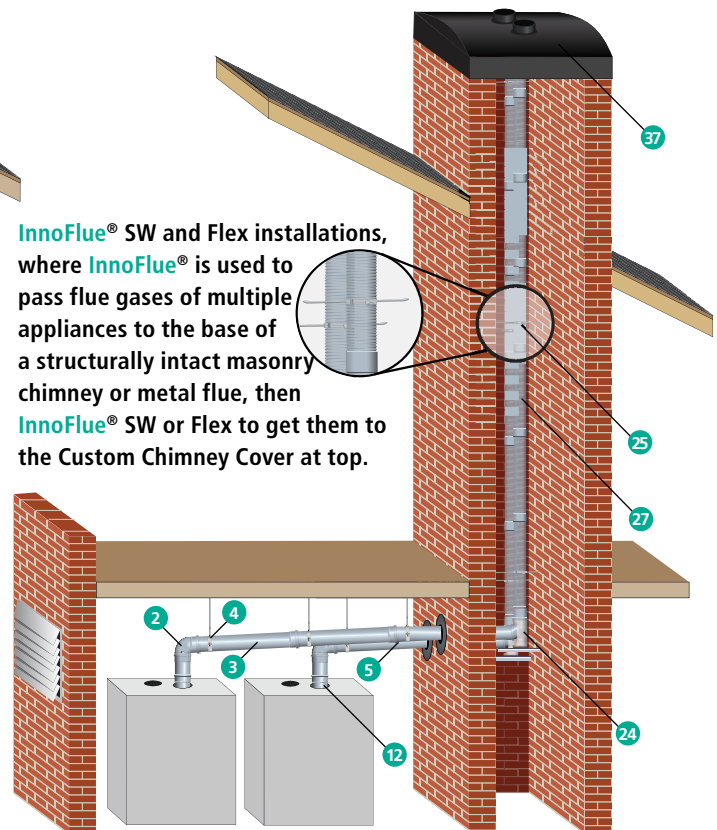
InnoFlue® SW and Flex installations, where InnoFlue® SW is used to pass flue gases to the base of the chimney, then InnoFlue® Flex to get them to the termination at the top.



InnoFlue® SW and Flex installations, where InnoFlue® SW is used to pass flue gases to the base of the chimney, then InnoFlue® Flex to get them to the termination at the top. Combustion air is not supplied through the masonry chimney.



InnoFlue® SW and Flex installations, where InnoFlue® is used to pass flue gases of multiple appliances to the base of a structurally intact masonry chimney or metal flue, then InnoFlue® SW or Flex to get them to the Custom Chimney Cover at top.



## Flex Vent Lengths

### 2" Flex

Is manufactured from polypropylene. 2" Flex can be field cut and is ideal for use in chimneys with offsets. With couplers, 2" Flex can be connected to 2" Flex or InnoFlue® SW.



| Nominal Diameter | Part #    | Overall Height "A" | Max O.D. "B" |
|------------------|-----------|--------------------|--------------|
| 2" (60)          | IFVL02025 | 25' (7.6m)         | 2.3 (58)     |
| 2" (60)          | IFVL02035 | 35' (10.7m)        | 2.3 (58)     |
| 2" (60)          | IFVL02050 | 50' (15.2m)        | 2.3 (58)     |
| 2" (60)          | IFVL02150 | 150' (45.7m)       | 2.3 (58)     |

### 3" and 4" Flex

Are manufactured from polypropylene and feature rigid sections every 2'. 3", and 4" Flex can be field cut and are ideal for use in chimneys with offsets. The base of your 3" and 4" Flex can be connected to InnoFlue® SW at any rigid section without coupler. Flex to Flex couplers available for extended flex runs.



| Nominal Diameter | Part #    | Overall Height "A" | Max O.D. "B" |
|------------------|-----------|--------------------|--------------|
| 3" (80)          | IFVL03025 | 25' (7.6m)         | 3.3 (84)     |
| 3" (80)          | IFVL03035 | 35' (10.7m)        | 3.3 (84)     |
| 3" (80)          | IFVL03040 | 40' (12.2m)        | 3.3 (84)     |
| 3" (80)          | IFVL03050 | 50' (15.2m)        | 3.3 (84)     |
| 3" (80)          | IFVL03080 | 80' (24.4m)        | 3.3 (84)     |
| 3" (80)          | IFVL03150 | 150' (45.7m)       | 3.3 (84)     |
| 4" (110)         | IFVL04025 | 25' (7.6m)         | 4.3 (110)    |
| 4" (110)         | IFVL04035 | 35' (10.7m)        | 4.3 (110)    |
| 4" (110)         | IFVL04040 | 40' (12.2m)        | 4.3 (110)    |
| 4" (110)         | IFVL04050 | 50' (15.2m)        | 4.3 (110)    |
| 4" (110)         | IFVL04080 | 80' (24.4m)        | 4.3 (110)    |

## Couplers



### SW to Flex Coupler

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

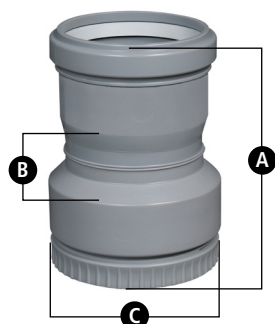
| Nominal Diameter | Part #  | Overall Length "A" | Effective Length "B" | Max O.D. "C" |
|------------------|---------|--------------------|----------------------|--------------|
| 2" (60)          | IFSFC02 | 4.2 (107)          | 3.2 (81)             | 2.6 (65)     |



### Flex to SW Coupler

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

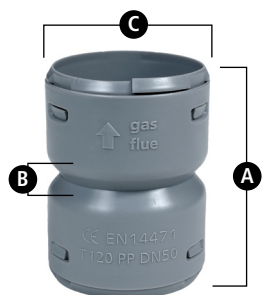
| Nominal Diameter | Part #  | Overall Length "A" | Effective Length "B" | Max O.D. "C" |
|------------------|---------|--------------------|----------------------|--------------|
| 2" (60)          | IFFSC02 | 3.9 (99)           | 1.1 (28)             | 3.0 (76)     |



### Flex to SW Coupler

Transitions InnoFlue® Flex to InnoFlue® Single Wall Rigid.

| Nominal Diameter | Part #  | Overall Length "A" | Effective Length "B" | Max O.D. "C" |
|------------------|---------|--------------------|----------------------|--------------|
| 3" (80)          | IFFSC03 | 5.5 (138)          | 4.3 (60)             | 3.9 (100)    |
| 4" (110)         | IFFSC04 | 6.5 (171)          | 2.64 (67)            | 5.1 (128)    |



### Flex to Flex Coupler

Connects 2" InnoFlue® Flex to 2" InnoFlue® Flex.

| 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" InnoFlue® Flex to 3" and 4" InnoFlue® Flex.

| Nominal Diameter | Part #  | Overall Length "A" | Effective Length "B" | Max O.D. "C" |
|------------------|---------|--------------------|----------------------|--------------|
| 3" (80)          | IFFFC03 | 5.5 (141)          | 4.3 (60)             | 3.9 (100)    |
| 4" (110)         | IFFFC04 | 6.7 (166)          | 4.5 (114)            | 5.1 (128)    |

## B-Vent Kits



Kit contains B-Vent Support Bracket, Base Support, Single Wall-To-Flex Coupler, 2" Flex, Flex End Pipe, Universal B-Vent Cap, Connector Ring, Spacers and Centrocerin®.

### 2" B-Vent Kit

Includes all components necessary to line a B-Vent from base to termination. Rigid vent lengths, elbows and adaptors required to connect B-Vent base support to appliance are sold separately.

| Nominal Diameter | Part #   | Flex Vent Length |
|------------------|----------|------------------|
| 2" (60)          | IFBK0225 | 25' (7.6m)       |
| 2" (60)          | IFBK0235 | 35' (10.6m)      |
| 2" (60)          | IFBK0250 | 50' (15.25m)     |

Flex



Kit contains B-Vent Support Bracket, Base Support, 3" or 4", Flex End Pipe, Universal B-Vent Cap, Connector Rings, Spacers and Centrocerin®.

### 3" and 4" B-Vent Kit

Includes all components necessary to line a B-Vent from base to termination. Rigid vent lengths, elbows and adaptors required to connect B-Vent base support to appliance are sold separately.

| Nominal Diameter | Part #   | Flex Vent Length | B-Vent Diameter |
|------------------|----------|------------------|-----------------|
| 3" (80)          | IFBK0325 | 25' (7.6m)       | 4", 5", 6"      |
| 3" (80)          | IFBK0335 | 35' (10.6m)      | 4", 5", 6"      |
| 3" (80)          | IFBK0350 | 50' (15.25m)     | 4", 5", 6"      |
| 4" (110)         | IFBK0425 | 25' (7.6m)       | 5", 6"          |
| 4" (110)         | IFBK0435 | 35' (10.6m)      | 5", 6"          |
| 4" (110)         | IFBK0440 | 40' (12.1m)      | 5", 6"          |

Flex Component B-Vent Kits



Kit includes B-Vent Support Bracket, Base Support, Single Wall-To-Flex Coupler, Flex End Pipe, Universal B-Vent Cap, Connector Ring, Spacers and Centrocerin.

2" Flex Component B-Vent Kit

Includes all fittings and accessories required to line a B-Vent excluding 2" flex. 2" flex and rigid vent length, elbows, adaptors required to connect B-Vent Base Support to appliance, and termination are sold separately.

| Nominal Diameter | Part #  | B-Vent Diameter |
|------------------|---------|-----------------|
| 2" (60)          | IFBKC02 | 4"              |



Kit includes B-Vent Support Bracket, Base Support, Flex End Pipe, Universal B-Vent Cap, Connector Ring, Spacers and Centrocerin.

3" and 4" Flex Component B-Vent Kit

Includes all fittings and accessories required to line a B-Vent excluding 3" or 4" Flex. 3" or 4" flex and rigid vent length, elbows, adaptors required to connect B-Vent Base Support to appliance, and termination are sold separately.

| Nominal Diameter | Part #  | B-Vent Diameter |
|------------------|---------|-----------------|
| 3" (80)          | IFBKC03 | 4"              |
| 4" (110)         | IFBKC04 | 5"              |

## Chimney Kits



Kit contains Base Support, Single Wall to Flex Coupler, Flex Vent Length, Flex End Pipe, Chimney Cover, Connector Rings, Spacers and Centrocerin.



Kit contains Base Support, Flex Vent Length, Flex End Pipe, Chimney Cover, Connector Rings, Spacers and Centrocerin.

### 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 flex lengths are available.

| Nominal Diameter | Part #   | Flex Vent Length |
|------------------|----------|------------------|
| 2" (60)          | IFCK0225 | 25' (7.6m)       |
| 2" (60)          | IFCK0235 | 35' (10.7m)      |
| 2" (60)          | IFCK0250 | 50' (15.2m)      |

### 3" and 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 flex lengths are available.

| Nominal Diameter | Part #   | Flex Vent Length |
|------------------|----------|------------------|
| 3" (80)          | IFCK0325 | 25' (7.6m)       |
| 3" (80)          | IFCK0335 | 35' (10.7m)      |
| 3" (80)          | IFCK0350 | 50' (15.2m)      |
| 4" (110)         | IFCK0425 | 25' (7.6m)       |
| 4" (110)         | IFCK0435 | 35' (10.7m)      |
| 4" (110)         | IFCK0440 | 40' (12.2m)      |
| 4" (110)         | IFCK0450 | 50' (15.2m)      |



Kit contains Base Support, Single Wall to Flex Coupler, Chimney Cover, Flex End Pipe, Connector Ring, Spacers and Centrocerin.

## 2" Flex Component Chimney Kit

Includes all components necessary to line a chimney from chimney termination to Base Support excluding 2" flex. 2" flex and rigid vent lengths, elbows, adaptors required to connect Base Support to appliance, and termination are sold separately.

| Nominal Diameter | Part #  |
|------------------|---------|
| 2" (60)          | IFCKC02 |



Kit contains Base Support, Chimney Cover, Flex End Pipe, Connector Rings, Spacers and Centrocerin.

## 3" and 4" Flex Component Chimney Kit

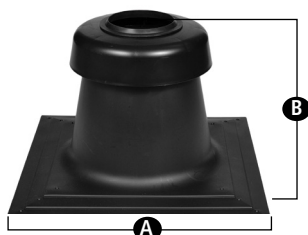
Includes all components necessary to line a chimney from chimney termination to Base Support excluding 3" or 4" flex. 3" or 4" flex and rigid vent lengths, elbows, adaptors required to connect Base Support to appliance, and termination are sold separately.

| Nominal Diameter | Part #  |
|------------------|---------|
| 3" (80)          | IFCKC03 |
| 4" (110)         | IFCKC04 |

## 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)  |

### Custom Chimney Cover PPs-UV

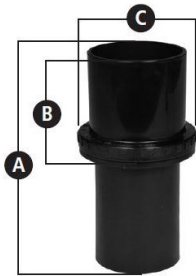
Custom Chimney Cover sizes available, including multiple flue versions. Call with size requirements for pricing.



## 2" Flex End Pipe

Terminates InnoFlue® Flex at top of chimney. Used in combination with Chimney Cover PPs-UV, or B-Vent Cap

| 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)     |



## 3" and 4" Flex End Pipe

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

| 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)    |

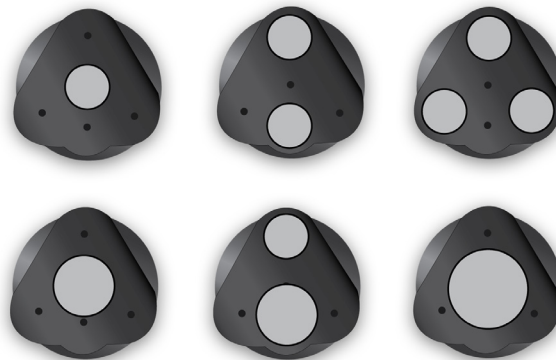
Flex

## Universal B-Vent Cap

Allows for multiple flue configurations. Utilize existing B-Vent as a chase. Clean, professional and aesthetically pleasing. Installs quickly and easily.



| Part # | Length | Height | Width |
|--------|--------|--------|-------|
| IAUBVC | 10"    | 10"    | 10"   |



One Part ➤ Multiple Configurations

# INNOFLUE® CONCENTRIC

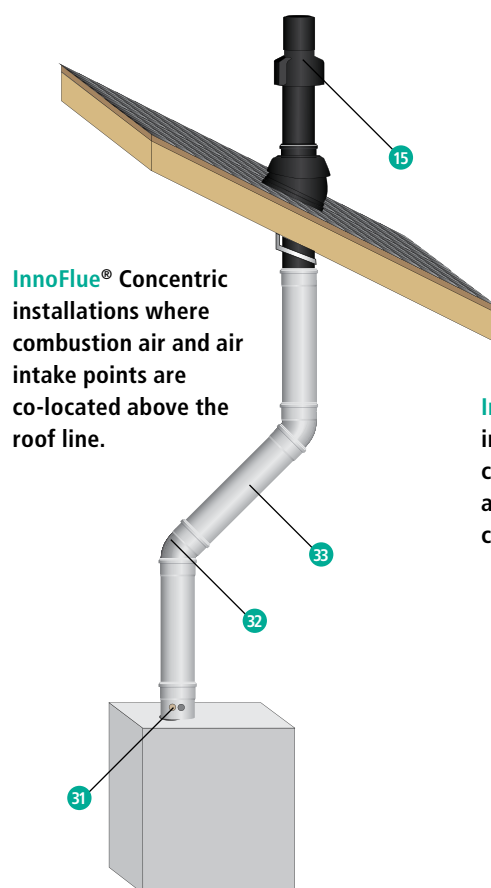
## Applications and Limitations

- In order to maintain relevant listings and Centrotherm's warranty, **InnoFlue®** vent systems may not be combined with any polymeric or stainless steel vent components that are not part of Centrotherm's published offerings.
- **InnoFlue®** Concentric must be installed following Centrotherm's published installation instructions.
- **InnoFlue®** Concentric are ETL listed to UL and ULC standards for use with natural gas or propane fired, Cat. II or Cat. IV appliances (US) or BH Gas Class II A, B, and C gas or propane fired appliances (Canada).
- **InnoFlue®** Concentric can also be used for oil fired, condensing appliances with a maximum flue gas temperature that does not exceed 230°F (110°C).
- **InnoFlue®** Concentric is ETL listed to UL 1738 and ULC-S636 at zero clearance to combustibles.
- **InnoFlue®** Concentric may be installed inside a masonry or sheet rocked chase, between floor joists, directly through a wall or if properly supported, can even be left exposed along the interior of a structure.
- **InnoFlue®** Concentric is available in 2"/4", 3"/5" and 4"/6" diameters and offers all necessary components for combining it with **InnoFlue®** SW and **InnoFlue®** Flex to meet specific job requirements.
- Do not install where ambient air temperature can exceed 300°F.

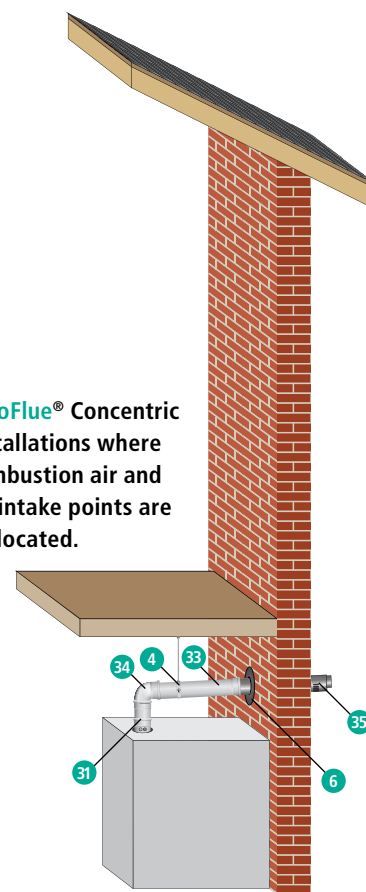


# INNOFLUE® CONCENTRIC TYPICAL CONFIGURATIONS

- 4 IASCM: Support Clamp
- 6 IAWP: Wall Plate
- 15 ICRT: Concentric Roof Termination
- 31 ICTP: Concentric Test Port
- 32 ICEL45: Concentric 45° Elbow
- 33 ICVL: Concentric Vent Length
- 34 ICEL87: Concentric 87° Elbow
- 35 ICWT: Concentric Wall Termination PP



InnoFlue® Concentric installations where combustion air and air intake points are co-located above the roof line.

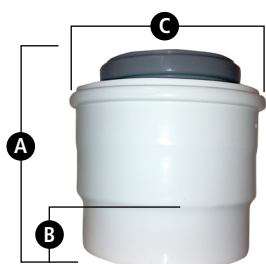


InnoFlue® Concentric installations where combustion air and air intake points are co-located.

## Concentric Adaptors

### Concentric Centric Increaser

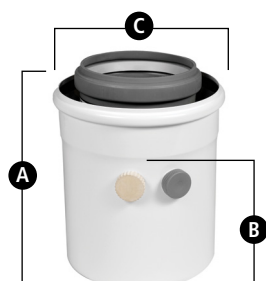
Transitions from one diameter to a larger diameter. Install in vertical orientation only.



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

### Concentric Test Port

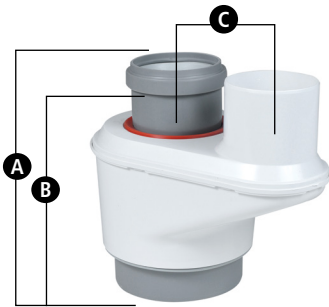
Installed immediately above the appliance, the test port allows plumbing and heating professionals to sample flue gases and ensure the appliance is operating at optimum efficiency.



| 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)    |

## Concentric to Twin Pipe Adaptor

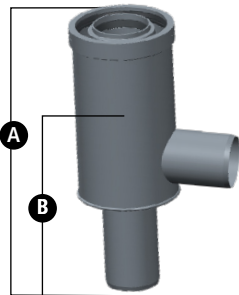
Transitions Concentric to twin pipe Single Wall.



| 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)  |

## Twin Pipe to Concentric Adaptor

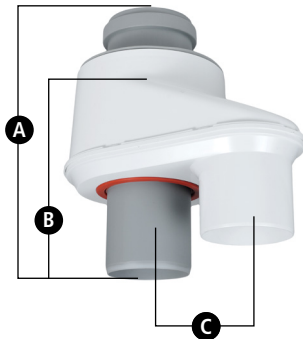
Transitions twin pipe Single Wall to Concentric.



| Nominal Diameter | Part #   | Overall Length "A" | Effective Length "B" |
|------------------|----------|--------------------|----------------------|
| 2"/4" (60/100)   | ICTC0224 | 12.0 (333)         | 10.3 (262)           |
| 4"/6" (110/160)  | ICTC0446 | 14.5 (316)         | 10.0 (25.3)          |

## Twin Pipe to Concentric Adaptor

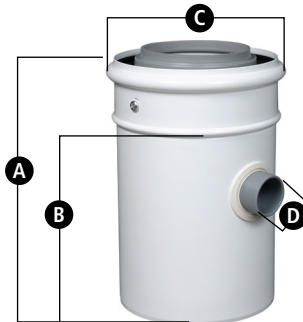
Transitions twin pipe Single Wall to Concentric.



| 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)  |

## 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

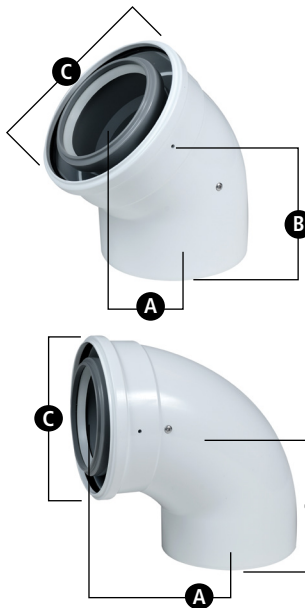


### Concentric Vent Lengths

Rigid polypropylene vent lengths with metal outer and dedicated male and female ends. Female end contains internal gasket and male ends can be field cut and chamfered to desired length.

| Nominal Diameter  | Part #  | Overall Length "A" | Effective Length "B" | Max O.D. "C" |
|-------------------|---------|--------------------|----------------------|--------------|
| 2" / 4" (60/100)  | ICVL241 | 14.5 (368)         | 12 (305)             | 4.4 (112)    |
| 2" / 4" (60/100)  | ICVL242 | 26.5 (673)         | 24 (610)             | 4.4 (112)    |
| 2" / 4" (60/100)  | ICVL243 | 38.5 (978)         | 36 (914)             | 4.4 (112)    |
| 3" / 5" (80/125)  | ICVL351 | 14.5 (368)         | 12 (305)             | 5.5 (139)    |
| 3" / 5" (80/125)  | ICVL352 | 26.5 (673)         | 24 (610)             | 5.5 (139)    |
| 3" / 5" (80/125)  | ICVL353 | 38.5 (978)         | 36 (914)             | 5.5 (139)    |
| 4" / 6" (110/160) | ICVL461 | 14.5 (368)         | 12 (305)             | 6.8 (173)    |
| 4" / 6" (110/160) | ICVL462 | 26.5 (673)         | 24 (610)             | 6.8 (173)    |
| 4" / 6" (110/160) | ICVL463 | 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)             | 4.4 (112)    |
| 3" / 5" (80/125)  | ICEL3545 | 1.3 (34)              | 4.6 (117)            | 5.5 (139)    |
| 4" / 6" (110/160) | ICEL4645 | 1.5 (39)              | 5.2 (133)            | 6.8 (173)    |

### 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)            | 4.4 (112)    |
| 3" / 5" (80/125)  | ICEL3587 | 3.1 (79)              | 5.1 (129)            | 5.5 (139)    |
| 4" / 6" (110/160) | ICEL4687 | 4.4 (111)             | 6.5 (165)            | 6.8 (173)    |

## Wall Plates

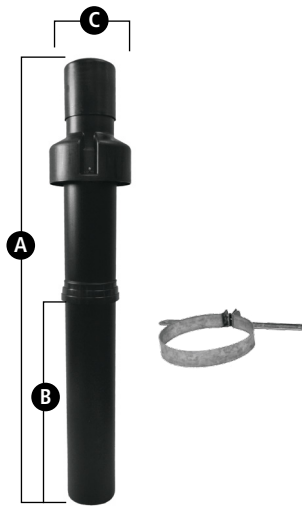


### Wall Plate

Provides an aesthetically pleasing and water tight finish at wall penetrations when sealed with field-supplied silicone.

| Nominal Diameter | Part #   | Overall Diameter "A" | Width of Opening "B" |
|------------------|----------|----------------------|----------------------|
| 4" (100)         | IAWP100B | 5.6 (142)            | 4" (100)             |
| 5" (125)         | IAWP05B  | 8.9 (226)            | 5" (125)             |

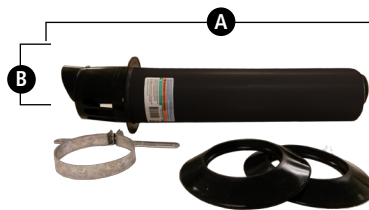
## Terminations



### Concentric Roof Termination

Roof Termination combines flue gas termination and combustion air intake. Use with InnoFlue® Concentric or with InnoFlue® SW by adding an ICTC Adapter. Includes support clamp.

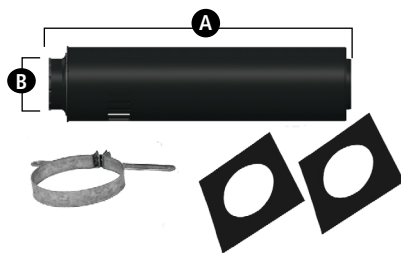
| Nominal Diameter  | Part #   | Overall Length "A" | Roof Line "B" | Max O.D. "C" |
|-------------------|----------|--------------------|---------------|--------------|
| 2" / 4" (60/100)  | ICRT2439 | 39.4 (1000)        | 20.5 (520)    | 6.5 (166)    |
| 3" / 5" (80/125)  | ICRT3539 | 39.4 (1000) 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



### Concentric Wall Termination

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 Adapter. Includes support clamp and wall plates.

| Nominal Diameter | Part #  | Overall Length "A" | O.D. "B"   |
|------------------|---------|--------------------|------------|
| 2" / 4" (60/100) | ICWT242 | 21.2 (538)         | 5.54 (141) |
| 3" / 5" (80/125) | ICWT352 | 28.3 (719)         | 5 (125)    |



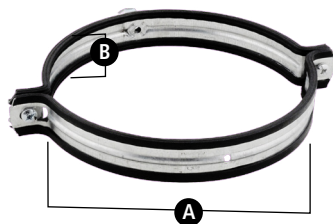
### Concentric Wall Termination

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 Adapter. Includes support clamp and wall plates.

| Nominal Diameter  | Part #  | Overall Length "A" | O.D. "B"  |
|-------------------|---------|--------------------|-----------|
| 4" / 6" (110/160) | ICWT462 | 32.0 (813)         | 6.3 (160) |

### Support Clamp

Used as vertical or horizontal support. Space 78" in vertical and 39" in horizontal installations. Uses 3/8" threaded rod.



| Nominal Diameter | Part#    | Overall Length "A" | Height "B" |
|------------------|----------|--------------------|------------|
| 4" (100)         | IASCM100 | 5.3 (134.6)        | 1.1 (28)   |
| 5" (125)         | IASCM05  | 5.8 (147.3)        | 1.1 (28)   |
| 6" (160)         | IASCM06  | 6.8 (172.7)        | 1.1 (28)   |

## Concentric Kits



### Concentric Kit Horizontal

Concentric Side Wall Venting Kit contains components needed to vent wall mounted appliance to wall termination. Additional components may be required for longer runs and are sold separately.

| Nominal Diameter  | Part #  |
|-------------------|---------|
| 2" / 4" (60/100)  | ICVKH24 |
| 3" / 5" (80/125)  | ICVKH35 |
| 4" / 6" (110/160) | ICVKH46 |

Kit includes one 3' Concentric Vent Length, Concentric Elbow, Concentric Wall Termination, Wall Plates and Support Clamp.



### Concentric Kit Vertical

Concentric Vertical Venting Kit contains components needed to vent vertically through roof. Additional components may be required for longer runs and are sold separately.

| Nominal Diameter  | Part #  |
|-------------------|---------|
| 2" / 4" (60/100)  | ICVKV24 |
| 3" / 5" (80/125)  | ICVKV35 |
| 4" / 6" (110/160) | ICVKV46 |

Kit includes one 2' and one 3' Concentric Vent Length, Concentric Roof Termination, one Wall Plate and Support Clamp.

## Applications and Limitations

- In order to maintain relevant listings and Centrotherm's warranty, InnoFlue® vent systems may not be combined with any polymeric or stainless steel vent components that are not part of Centrotherm's published offerings.
- InnoFlue® SW must be installed following Centrotherm's published installation instructions.
- InnoFlue® SW is ETL listed to UL and ULC standards for use with natural gas or propane fired, Cat. II or Cat. IV appliances (US) or BH Gas Class II A, B, and C gas or propane fired appliances (Canada).
- InnoFlue® SW can also be used for oil fired, condensing appliances with a maximum flue gas temperature that does not exceed 230°F (110°C).
- InnoFlue® SW is ETL listed to UL 1738 and ULC-S636 at zero clearance to combustibles.

- InnoFlue® SW may be installed inside a masonry or sheet rocked chase, through an existing structurally intact metal flue, between floor joists, directly through a wall or if properly supported, can even be left exposed along the interior of a structure.

- InnoFlue® SW Commercial is available in 6", 8", 10" and 12" diameters and offers all necessary components.

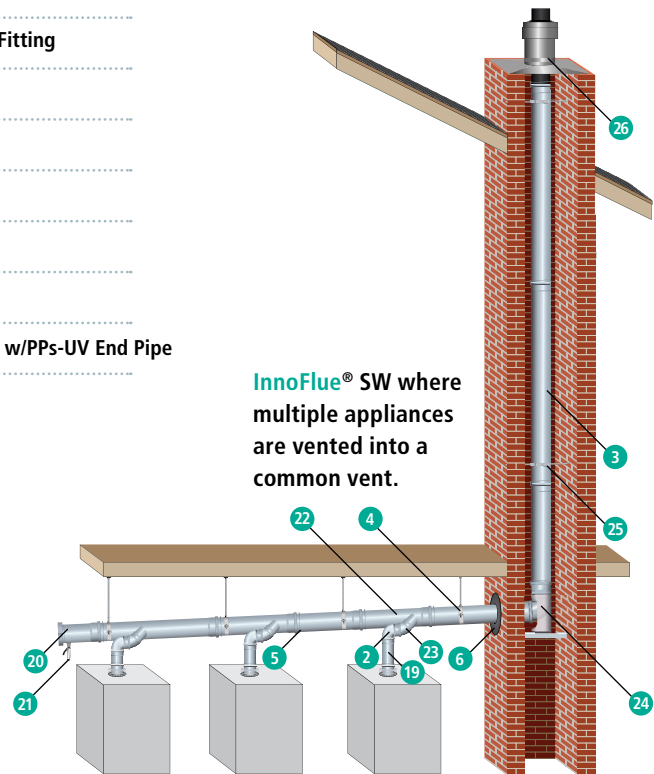
- Single or multiple InnoFlue® SW Commercial runs may be installed into an existing masonry chimney or structurally intact metal flue or chase.
- Do not install where ambient air temperature can exceed 300°F.



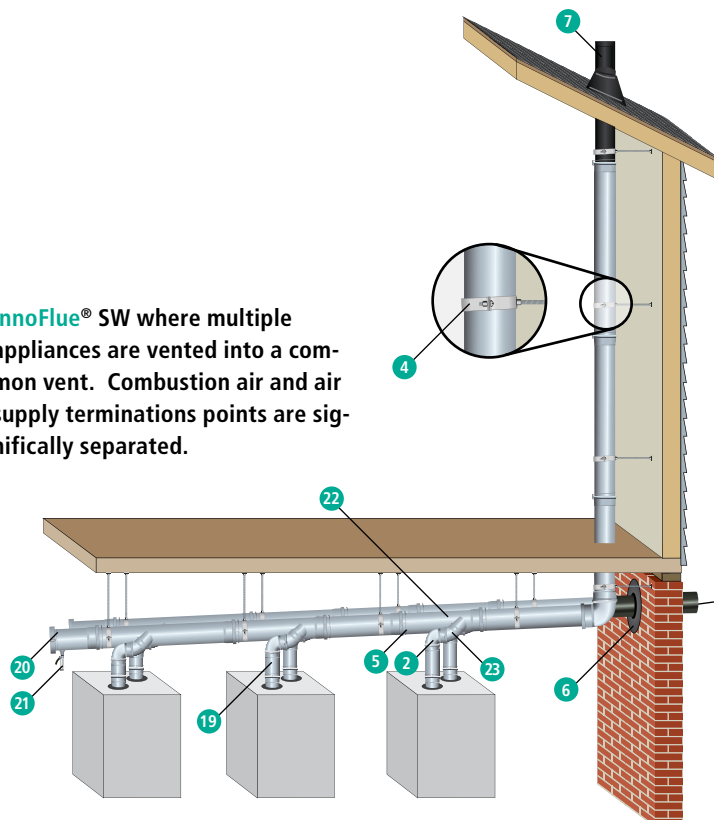
# INNOFLUE® SW COMMERCIAL TYPICAL CONFIGURATIONS

- |                                      |                                             |
|--------------------------------------|---------------------------------------------|
| 2 ISEL87: 87° Elbow                  | 19 ISTP: Test Port                          |
| 3 ISVL: Vent Length                  | 20 ISHDF: Horizontal Drain Fitting          |
| 4 IASCM: Support Clamp               | 21 IALJS: Siphon                            |
| 5 IANS: Connector Ring*              | 22 ISBT: Branch Tee                         |
| 6 IAWP: Wall Plate                   | 23 ISEL0430: 30° Elbow                      |
| 7 ISEP: End Pipe PPs-UV              | 24 ISBS: Base Support                       |
| 9 IASPP: Bird Screen PPs-UV          | 25 IASP: Spacer                             |
| 12 ISAGL or ISAAL: Appliance Adaptor | 26 ISCM: Chimney Cover SS w/PPs-UV End Pipe |

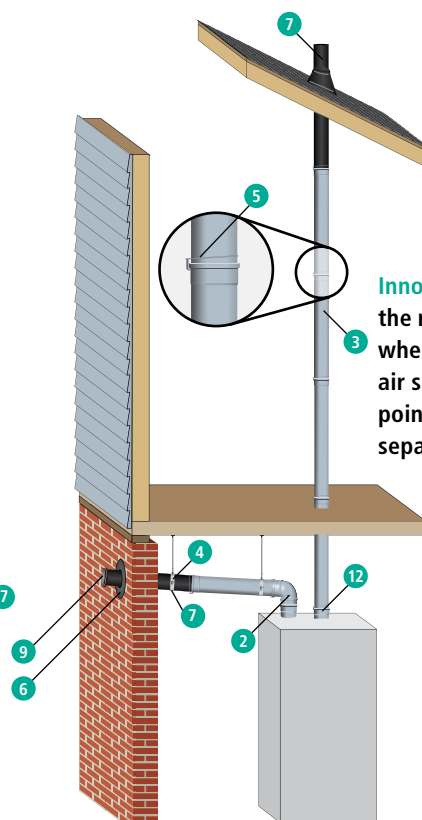
\*where required



InnoFlue® SW where multiple appliances are vented into a common vent. Combustion air and air supply terminations points are significantly separated.



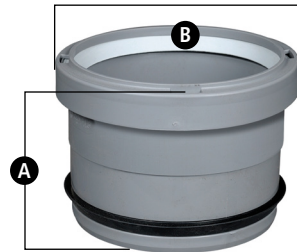
InnoFlue® SW through the roof installations where combustion air and air supply termination points are significantly separated.



SW  
Commercial

## Appliance Adaptors

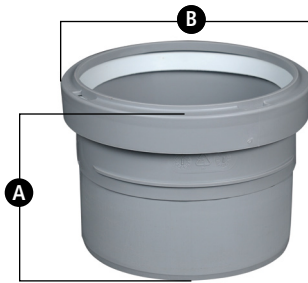
Commercial appliance adaptors are made to order. Adaptors can be manufactured to fit any appliance. Call Centrotherm or visit <http://centrotherm.us.com> for a complete list of approved appliances.



### Commercial Appliance Adaptor for Coupler Style Flue Collar

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

| Nominal Diameter PVC to PP | Part #    | Overall Length "A" | Max O.D. "B" |
|----------------------------|-----------|--------------------|--------------|
| 6" / 6" (168/160)          | ISAGL0606 | 7.6 (194)          | 7.0 (178)    |



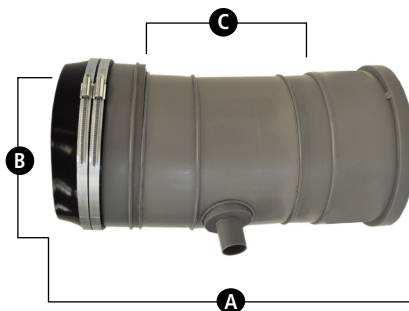
### Commercial Appliance Adaptor for Flue Collar with Hose Clamp

Adapts a female PVC / CPVC diameter appliance flue exhaust (with integrated gasket) to InnoFlue® SW diameters.

| Nominal Diameter PVC to PP | Part #    | Overall Length "A" | Max O.D. "B" |
|----------------------------|-----------|--------------------|--------------|
| 6" / 6" (168/160)          | ISAAL0606 | 7.6 (194)          | 7.0 (178)    |

### Commercial Appliance Adaptor w/ Condensate Drain and Vibration Isolation Boot OEM to InnoFlue®

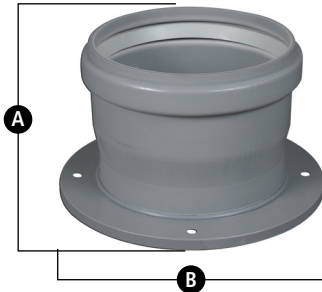
Adapts boilers to InnoFlue®. Other increasing size combinations available upon request.



| Nominal Diameter      | Part #     | Overall Length "A" | Maximum OD "B" | Effective Length "C" |
|-----------------------|------------|--------------------|----------------|----------------------|
| 4" (110)              | ISAACD0404 | 10.3 (262)         | 5.9 (150)      | 3.4 (86)             |
| 5" (125)              | ISAACD0505 | 13.6 (345)         | 6.5 (165)      | 8.5 (216)            |
| 6" (160)              | ISAACD0606 | 12.0 (305)         | 7.9 (201)      | 5.4 (137)            |
| 7" (180) to 8" (200)  | ISAACD0708 | 16.5 (419)         | 9.5 (241)      | 9.7 (246)            |
| 8" (200)              | ISAACD0808 | 16.5 (419)         | 9.5 (241)      | 9.7 (246)            |
| 9" (230) to 10" (250) | ISAACD0910 | 16.9 (429)         | 11.4 (290)     | 10.0 (254)           |
| 10" (250)             | ISAACD1010 | 16.9 (429)         | 11.4 (290)     | 10.0 (254)           |
| 12" (315)             | ISAACD1212 | 23.3 (542)         | 14.7 (373)     | 7.6 (191)            |

## Commercial Appliance Adaptor OEM to InnoFlue®

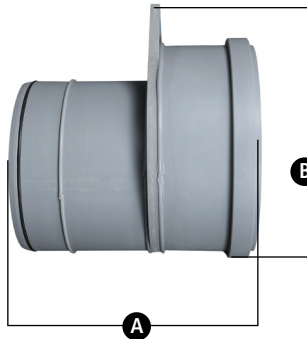
Adapts InnoFlue® with bolt down flanged adaptor. Available for purchase through Centrotherm.



| Nominal Diameter | Part #   | Overall Length "A" | Maximum OD "B" |
|------------------|----------|--------------------|----------------|
| 3" (80)          | ISAFLG03 | 3.7 (94)           | 8.8 (224)      |
| 4" (110)         | ISAFLG04 | 4.7 (119)          | 8.8 (224)      |
| 6" (160)         | ISAFLG06 | 4.3 (109)          | 8.8 (224)      |
| 8" (200)         | ISAFLG08 | 6.2 (158)          | 11.3 (287)     |
| 10" (250)        | ISAFLG10 | 6.2 (157)          | 15.0 (381)     |
| 12" (315)        | ISAFLG12 | 13.2 (335)         | 15.0 (381)     |

## Commercial Appliance Adaptor OEM to InnoFlue®

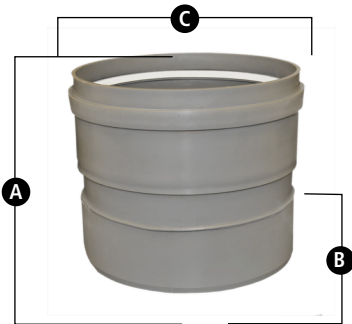
Adapts boilers to InnoFlue®.



| 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 (27)    |

## Commercial Appliance Adaptor SS to InnoFlue®

Adapts stainless steel flue outlets to InnoFlue®. May require Vibration Isolation Boot.



| Nominal Diameter SS to PP | Part #   | Overall Length "A" | Effective Length "B" | Max O.D. "C" |
|---------------------------|----------|--------------------|----------------------|--------------|
| 6"/6" (152/160)           | ISSA0606 | 7.3 (185)          | 4.2 (107)            | 7.8 (183)    |
| 7" (180) to 8" (200)      | ISSA0708 | 8.7 (221)          | 6.1 (155)            | 8.8 (224)    |
| 8"/8" 203/200)            | ISSA0808 | 8.9 (226)          | 5.0 (127)            | 8.8 (224)    |
| 10"/10" (254/250)         | ISSA1010 | 8.9 (226)          | 5.0 (127)            | 10.7 (272)   |
| 12"/12" (305/315)         | ISSA1212 | 16.9 (429)         | 4.2 (107)            | 13.8 (350)   |

## 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) |

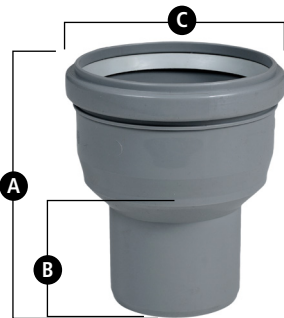
## Custom Appliance Adaptors Available

Appliance Adaptors are built to order. Contact your sales representative for pricing and availability. <http://www.centrotherm.us.com/rep-finder/>

## Increasesers & Reducers

### Centric Increaser

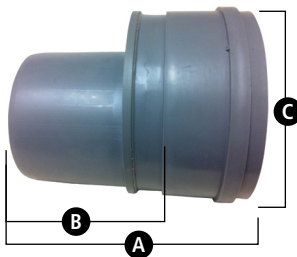
Transitions vent system to a larger diameter. Install in vertical orientation only. Additional configurations available upon request.



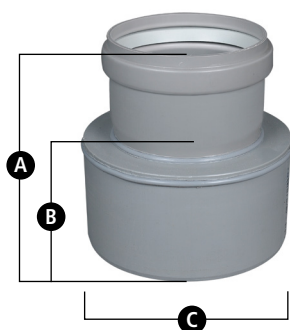
| Nominal Diameter    | Part #    | Overall Length "A" | Effective Length "B" | Max O.D. "C" |
|---------------------|-----------|--------------------|----------------------|--------------|
| 4"/6" (110/160)     | ISIA0406  | 7.6 (193)          | 4.8 (122)            | 7.2 (183)    |
| 5"/6" (125/160)     | ISIA0506  | 7.2 (185)          | 4.3 (110)            | 7.2 (185)    |
| 6"/6" (150/160)     | ISIA15006 | 7.7 (196)          | 4.9 (124)            | 7.2 (183)    |
| 6"/8" (160/200)     | ISIA0608  | 10.4 (265)         | 6.5 (165)            | 8.8 (224)    |
| 6"/12" (160/315)    | ISIA0612  | 18.1 (460)         | 5.4 (137)            | 13.8 (351)   |
| 8"/10" (200/250)    | ISIA0810  | 11.6 (295)         | 7.7 (195)            | 10.7 (272)   |
| 10"/12" (250/315)   | ISIA1012  | 18.2 (463)         | 5.5 (141)            | 13.8 (350)   |
| 300mm/12" (300/315) | ISIA30012 |                    |                      |              |

### Eccentric Increaser

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



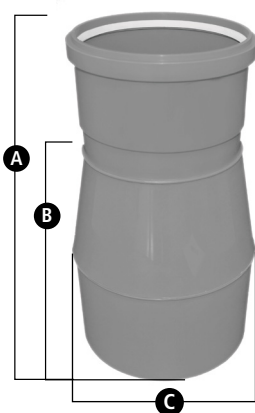
| Nominal Diameter  | Part #   | Overall Length "A" | Effective Length "B" | Max O.D. "C" |
|-------------------|----------|--------------------|----------------------|--------------|
| 4"/6" (110/160)   | ISEI0406 | 9.2 (234)          | 6.4 (163)            | 7.2 (183)    |
| 5"/6" (125/160)   | ISEI0506 | 7.2 (185)          | 4.3 (108)            | 7.2 (183)    |
| 6"/8" (160/200)   | ISEI0608 | 10.4 (265)         | 6.5 (165)            | 8.8 (224)    |
| 6"/12" (160/315)  | ISEI0612 | 18.1 (460)         | 5.4 (137)            | 13.8 (350)   |
| 8"/10" (200/250)  | ISEI0810 | 11.8 (300)         | 7.8 (200)            | 10.7 (272)   |
| 8"/12" (200/315)  | ISEI0812 | 16.9 (429)         | 4.2 (107)            | 13.8 (350)   |
| 10"/12" (250/315) | ISEI1012 | 20.2 (514)         | 7.8 (200)            | 13.8 (350)   |



### Reducer

Transitions vent system to a smaller diameter.

| Nominal Diameter  | Part #   | Overall Length "A" | Effective Length "B" | Max O.D. "C" |
|-------------------|----------|--------------------|----------------------|--------------|
| 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)   |

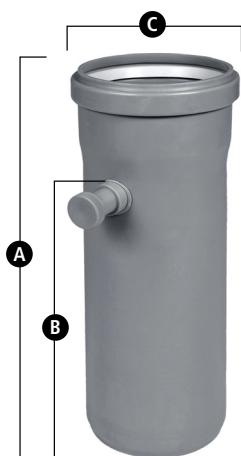


### Tapered Reducer

Transitions vent system to a smaller diameter with minimal back pressure. Other sizes available. Please contact Centrotherm.

| Nominal Diameter | Part #   | Overall Length "A" | Effective Length "B" | Max O.D. "C" |
|------------------|----------|--------------------|----------------------|--------------|
| 8"/6" (200/160)  | ISTR0806 | 13.5 (343)         | 10.7 (272)           | 7.9 (200)    |
| 10"/6" (250/160) | ISTR1006 | 18.5 (409)         | 16.3 (414)           | 9.9 (250)    |
| 10"/8" (250/200) | ISTR1008 | 16.6 (422)         | 12.6 (320)           | 9.9 (250)    |

### Test Ports

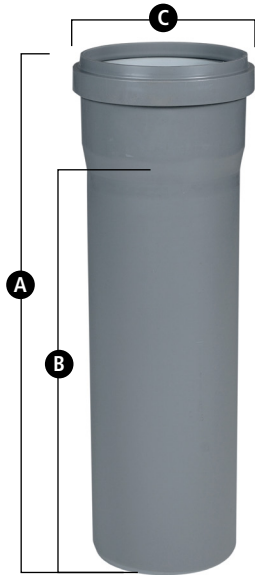


### Test Port

Installed immediately above the appliance, the test port allows plumbing and heating 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" |
|------------------|--------|--------------------|----------------------|--------------|
| 6" (160)         | ISTP06 | 12.7 (323)         | 9.8 (250)            | 7.2 (183)    |
| 8" (200)         | ISTP08 | 15.9 (405)         | 12.0 (305)           | 8.8 (224)    |
| 10" (250)        | ISTP10 | 15.9 (405)         | 12.0 (305)           | 10.7 (272)   |
| 12" (315)        | ISTP12 | 36.7 (932)         | 24 (610)             | 13.8 (350)   |

## Vent Lengths



### Rigid Vent Length

Rigid polypropylene vent lengths with dedicated male and female ends. Female ends contain internal gasket and male ends can be field cut and chamfered to desired length.

| Nominal Diameter | Part #  | Overall Length "A" | Effective Length "B" | Max O.D. "C" |
|------------------|---------|--------------------|----------------------|--------------|
| 6" (160)         | ISVL061 | 15.5 (345)         | 12 (305)             | 7.2 (183)    |
| 6" (160)         | ISVL062 | 27.5 (700)         | 24 (610)             | 7.2 (183)    |
| 6" (160)         | ISVL063 | 39.5 (1004)        | 36 (914)             | 7.2 (183)    |
| 6" (160)         | ISVL066 | 75.5 (1919)        | 72 (1829)            | 7.2 (183)    |
| 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 (272)   |
| 10" (250)        | ISVL102 | 28.1 (715)         | 24 (610)             | 10.7 (272)   |
| 10" (250)        | ISVL103 | 40.1 (1019)        | 36 (914)             | 10.7 (272)   |
| 10" (250)        | ISVL106 | 76.1 (1934)        | 72 (1829)            | 10.7 (272)   |
| 12" (315)        | ISVL122 | 36.7 (932)         | 24 (610)             | 13.8 (350)   |
| 12" (315)        | ISVL123 | 48.7 (1236)        | 36 (914)             | 13.8 (350)   |
| 12" (315)        | ISVL126 | 84.7 (2151)        | 72 (1829)            | 13.8 (350)   |

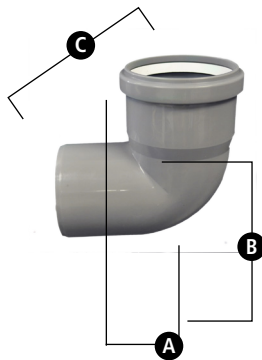
## Elbows



### 15° Elbow

Segmented Elbows offset or change the direction of the vent system.

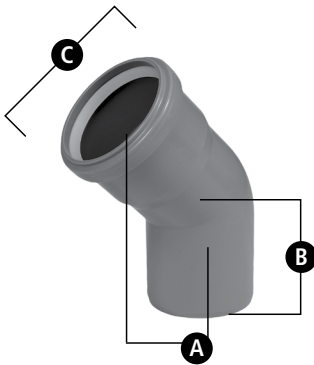
| Nominal Diameter | Part #   | Centerline Offset "A" | Effective Length "B" | Max O.D. "C" |
|------------------|----------|-----------------------|----------------------|--------------|
| 6" (160)         | ISEL0615 | 1.0 (25)              | 5.1 (130)            | 7.2 (183)    |
| 8" (200)         | ISEL0815 | 1.8 (46)              | 9.8 (249)            | 8.8 (224)    |
| 10" (250)        | ISEL1015 | 1.9 (48)              | 10.6 (269)           | 10.7 (272)   |
| 12" (315)        | ISEL1215 | 4.4 (112)             | 18.7 (475)           | 13.8 (350)   |



### 30° Elbow

Segmented elbow for offsets or changes in the direction of the vent system. Commonly used to provide offsets in cascade configurations.

| Nominal Diameter | Part #   | Centerline Offset "A" | Effective Length "B" | Max O.D. "C" |
|------------------|----------|-----------------------|----------------------|--------------|
| 6" (160)         | ISEL0630 | 2.1 (53)              | 5.8 (147)            | 7.2 (183)    |
| 8" (200)         | ISEL0830 | 4.1 (104)             | 11.5 (292)           | 8.8 (224)    |
| 10" (250)        | ISEL1030 | 4.3 (109)             | 12.6 (320)           | 10.7 (272)   |
| 12" (315)        | ISEL1230 | 9.3 (21.4)            | 21.4 (544)           | 13.8 (350)   |

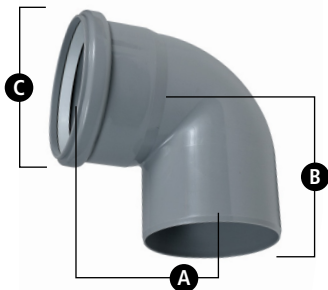


### 45° Elbow

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

| Nominal Diameter | Part #   | Centerline Offset "A" | Effective Length "B" | Max O.D. "C" |
|------------------|----------|-----------------------|----------------------|--------------|
| 6" (160)         | ISEL0645 | 3.2 (81)              | 5.5 (138)            | 7.2 (183)    |
| 8" (200)         | ISEL0845 | 3.8 (96)              | 13.1 (332)           | 8.8 (224)    |
| 10" (250)        | ISEL1045 | 4.1 (105)             | 14.3 (364)           | 10.7 (272)   |
| 12" (315)        | ISEL1245 | 5.5 (139)             | 23.6 (599)           | 13.8 (350)   |

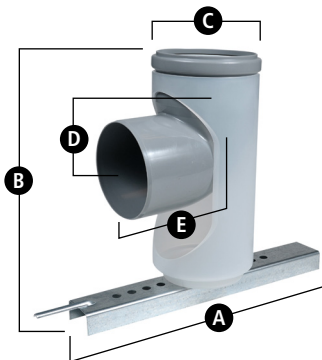
SW  
Commercial



### 87° Elbow

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

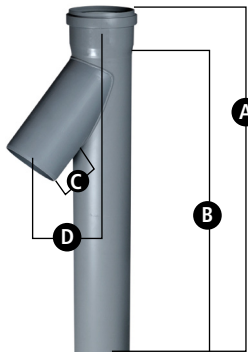
| Nominal Diameter | Part #   | Centerline Offset "A" | Effective Length "B" | Max O.D. "C" |
|------------------|----------|-----------------------|----------------------|--------------|
| 6" (160)         | ISEL0687 | 3.4 (86)              | 6.3 (160)            | 7.2 (183)    |
| 8" (200)         | ISEL0887 | 9.5 (242)             | 14.0 (355)           | 8.8 (224)    |
| 10" (250)        | ISEL1087 | 11.3 (287)            | 15.7 (399)           | 10.7 (272)   |
| 12" (315)        | ISEL1287 | 14.3 (364)            | 25.7 (653)           | 13.8 (350)   |



### Base Support

Supports vertical sections of rigid (up to 164') vent lengths installed in chimneys and chases.

| Nominal Diameter | Part #   | Base Length "A" | Height "B"  | Max O.D. "C" | Effective "D" | Effective "E" |
|------------------|----------|-----------------|-------------|--------------|---------------|---------------|
| 6" (160)         | ISBS0687 | 15.8 (400)      | 13.2 (335)  | 7.2 (183)    | 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 (272)   | 12.1 (307)    | 15.1 (383)    |
| 12" (315)        | ISBS1287 | 27.6 (700)      | 46.9 (1191) | 13.8 (350)   | 15.7 (398)    | 24.9 (633)    |



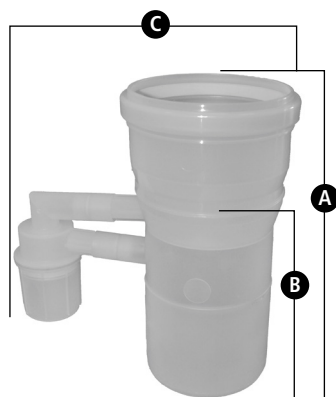
## Branch Tees

42° Y allows for the cascading or common venting of appliances. Other size configuration available upon request.

| Nominal Diameter | Part #     | Overall Length "A" | Effective Length "B" | Feeder Length "C" | Offset "D" |
|------------------|------------|--------------------|----------------------|-------------------|------------|
| 3" (80)          | ISBT030236 | 40.4 (1026)        | 36 (914)             | 6 (152)           | 6.5 (165)  |
| 4" (100)         | ISBT040236 | 38.8 (986)         | 36 (914)             | 6 (152)           | 7.3 (185)  |
| 4" (100)         | ISBT040336 | 38.8 (986)         | 36 (914)             | 6 (152)           | 7.5 (191)  |
| 5" (125)         | ISBT050236 | 39.1 (993)         | 36 (914)             | 6 (152)           | 7.6 (193)  |
| 5" (125)         | ISBT050336 | 39.1 (993)         | 36 (914)             | 6 (152)           | 7.9 (201)  |
| 5" (125)         | ISBT050436 | 39.1 (993)         | 36 (914)             | 6 (152)           | 8.3 (211)  |
| 6" (160)         | ISBT060236 | 40 (1016)          | 36 (914)             | 6 (152)           | 8.3 (211)  |
| 6" (160)         | ISBT060336 | 40 (1016)          | 36 (914)             | 6 (152)           | 8.6 (218)  |
| 6" (160)         | ISBT060436 | 40 (1016)          | 36 (914)             | 6 (152)           | 9 (229)    |
| 6" (160)         | ISBT060536 | 40 (1016)          | 36 (914)             | 6 (152)           | 9.2 (234)  |
| 8" (200)         | ISBT080236 | 40 (1016)          | 36 (914)             | 6 (152)           | 9.1 (231)  |
| 8" (200)         | ISBT080336 | 40 (1016)          | 36 (914)             | 6 (152)           | 9.4 (239)  |
| 8" (200)         | ISBT080436 | 40 (1016)          | 36 (914)             | 6 (152)           | 9.8 (249)  |
| 8" (200)         | ISBT080536 | 40 (1016)          | 36 (914)             | 6 (152)           | 10 (254)   |
| 8" (200)         | ISBT080636 | 40 (1016)          | 36 (914)             | 6 (152)           | 10.6 (269) |
| 10" (250)        | ISBT100236 | 39.9 (1013)        | 36 (914)             | 6 (152)           | 10.1 (257) |
| 10" (250)        | ISBT100336 | 39.9 (1013)        | 36 (914)             | 6 (152)           | 10.3 (262) |
| 10" (250)        | ISBT100436 | 39.9 (1013)        | 36 (914)             | 6 (152)           | 10.8 (274) |
| 10" (250)        | ISBT100536 | 39.9 (1013)        | 36 (914)             | 6 (152)           | 11 (279)   |
| 10" (250)        | ISBT100636 | 39.9 (1013)        | 36 (914)             | 6 (152)           | 11.7 (297) |
| 10" (250)        | ISBT100836 | 39.9 (1013)        | 36 (914)             | 6 (152)           | 12.1 (307) |
| 12" (315)        | ISBT120236 | 49 (1245)          | 36 (914)             | 6 (152)           | 11.1 (282) |
| 12" (315)        | ISBT120336 | 49 (1245)          | 36 (914)             | 6 (152)           | 11.3 (287) |
| 12" (315)        | ISBT120436 | 49 (1245)          | 36 (914)             | 6 (152)           | 11.7 (297) |
| 12" (315)        | ISBT120536 | 49 (1245)          | 36 (914)             | 6 (152)           | 11.8 (300) |
| 12" (315)        | ISBT120636 | 49 (1245)          | 36 (914)             | 6 (152)           | 12.2 (310) |
| 12" (315)        | ISBT120836 | 49 (1245)          | 36 (914)             | 6 (152)           | 12.6 (320) |
| 12" (315)        | ISBT121036 | 49 (1245)          | 36 (914)             | 6 (152)           | 13.1 (333) |

## Custom Branch Tees

Branch Tees can be made to order using a variety of diameter manifolds and feeders.



### 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)    |

## Cascade Component Kits

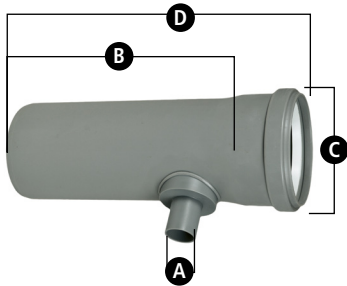
### Cascade Component Kits

Available in various sizes and configurations. Contact your sales representative for more information.



**Pictured:**  
**Back to Back Common Vent Kit**

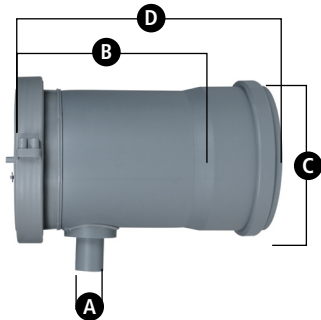
## Condensate Management



### Horizontal Drain Tee

Use to drain condensate from the vent system. Install in horizontal section closest to appliance. 1.26" (32mm) O.D. drain. Use with any InnoFlue® Siphon.

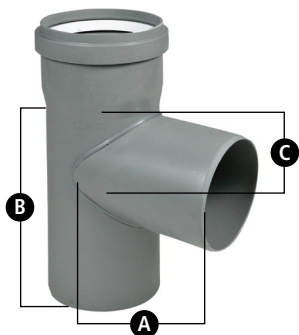
| Nominal Diameter | Part #  | Drain O.D. "A" | Effective Length "B" | Max O.D. "C" | Overall Length "D" |
|------------------|---------|----------------|----------------------|--------------|--------------------|
| 2" (60)          | ISHDT02 | 1.3 (32)       | 7.3 (186)            | 3 (76)       | 9.8 (250)          |
| 3" (80)          | ISHDT03 | 1.3 (32)       | 7.3 (186)            | 3.7 (94)     | 9.8 (250)          |
| 4" (110)         | ISHDT04 | 1.3 (32)       | 9.8 (250)            | 4.1 (129)    | 12.4 (315)         |
| 5" (125)         | ISHDT05 | 1.3 (32)       | 9.8 (250)            | 5.8 (146)    | 12.4 (315)         |
| 6" (160)         | ISHDT06 | 1.3 (32)       | 9.8 (250)            | 7.2 (183)    | 12.4 (315)         |
| 8" (200)         | ISHDT08 | 1.3 (32)       | 12.0 (305)           | 8.8 (224)    | 16.0 (405)         |
| 10" (250)        | ISHDT10 | 1.3 (32)       | 12.0 (305)           | 10.7 (272)   | 16.0 (405)         |
| 12" (315)        | ISHDT12 | 1.3 (32)       | 24.0 (1610)          | 13.8 (350)   | 36.7 (1932)        |



### Horizontal Drain Fitting

Use with any InnoFlue® siphon. 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 inspections and system clean out. 32mm O.D. drain.

| Nominal Diameter | Part #  | Drain O.D. "A" | Effective Length "B" | Max O.D. "C" | Overall Length "D" |
|------------------|---------|----------------|----------------------|--------------|--------------------|
| 4" (110)         | ISHDF04 | 1.3 (32)       | 7.2 (182)            | 5.1 (129)    | 9.7                |
| 5" (125)         | ISHDF05 | 1.3 (32)       | 7.4 (187)            | 5.8 (146)    | 11.3               |
| 6" (160)         | ISHDF06 | 1.3 (32)       | 8.1 (209)            | 7.2 (183)    | 12.1               |
| 8" (200)         | ISHDF08 | 1.3 (32)       | 8.5 (215)            | 8.8 (224)    | 12.7               |
| 10" (250)        | ISHDF10 | 1.3 (32)       | 13.8 (350)           | 10.7 (272)   | 18.0               |
| 12" (315)        | ISHDF12 | 1.3 (32)       | 6.3 (160)            | 13.8 (350)   | 19.0               |



### Tee

Use to change the direction of the vent system, combine multiple appliances, and capture condensates at base of long vertical runs.

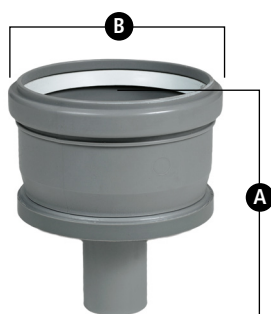
| Nominal Diameter | Part # | Effective Length "A" | Effective Length "B" | Effective Length "C" |
|------------------|--------|----------------------|----------------------|----------------------|
| 6" (160)         | IST06  | 6.6 (168)            | 11.2 (284)           | 4.1 (105)            |
| 8" (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.

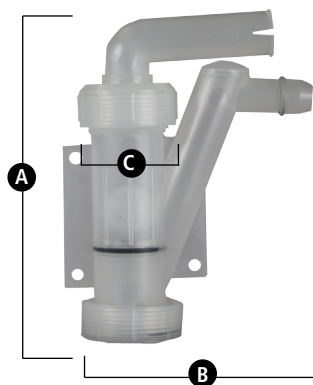
| Nominal Diameter | Part # | Max O.D. "A" |
|------------------|--------|--------------|
| 6" (160)         | ISTC06 | 7.3 (185)    |
| 8" (200)         | ISTC08 | 8.8 (224)    |
| 10" (250)        | ISTC10 | 10.7 (272)   |
| 12" (315)        | ISTC12 | 13.8 (350)   |



### Tee Cap with Drain

Use with any InnoFlue® siphon to drain condensate from the vent system.

| Nominal Diameter | Part #  | Overall Length "A" | Max O.D. "B" |
|------------------|---------|--------------------|--------------|
| 6" (160)         | ISTCD06 | 6.9 (175)          | 7.2 (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)   |

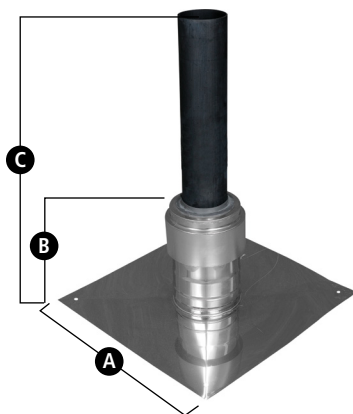


### Universal Ball Valve Siphon

Attaches to any InnoFlue® drain. Allows condensates to flow while unique ball valve assures combustion gases remain contained at higher temperatures. Comes with and can be installed with a barbed or compression fitting

| Part #  | Overall Height "A" | Overall Length "B" | Overall Width "C" |
|---------|--------------------|--------------------|-------------------|
| IASJBVS | 6.5                | 4.5                | 1.9               |

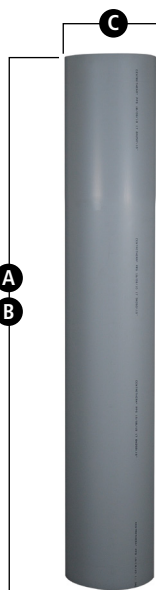
## Terminations



### Chimney Cover SS with PPs-UV End Pipe

Stainless steel termination with polypropylene end pipe seals top of the chimney or chase.

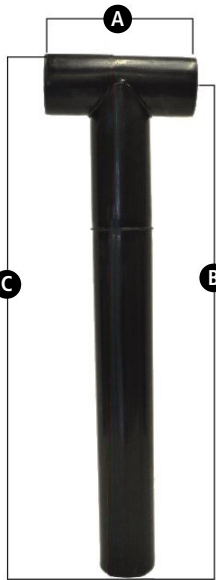
| Nominal Diameter | Part # | Length "A" | Width "B" | Height "C" |
|------------------|--------|------------|-----------|------------|
| 6"               | ISCM06 | 15.8       | 15.9      | 16.7       |
| 8"               | ISCM08 | 19.7       | 19.7      | 19.7       |
| 10"              | ISCM10 | 20         | 20        | 20         |
| 12"              | ISCM12 | 20         | 20        | 39.4       |



### 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" |
|------------------|----------|--------------------|----------------------|--------------|
| 6" (160)         | ISEP0620 | 20 (508)           | 20 (508)             | 6 (160)      |
| 6" (160)         | ISEP0639 | 39 (991)           | 39 (991)             | 6 (160)      |
| 8" (200)         | ISEP086  | 70 (1778)          | 70 (1778)            | 8 (200)      |
| 10" (250)        | ISEP106  | 70 (1778)          | 70 (1778)            | 10 (250)     |
| 12" (315)        | ISEP126  | 72 (1829)          | 72 (1829)            | 12 (315)     |



### Termination Tee (long)

Made from black polypropylene. Use where termination is exposed to excessive sunlight, wind or prone to freeze ups.

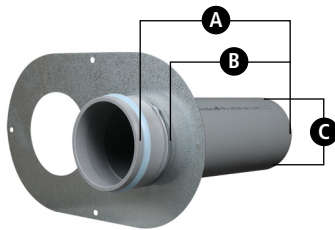
| Nominal Diameter | Part #   | Length "A" | Width "B" | Height "C" |
|------------------|----------|------------|-----------|------------|
| 6"               | ISTT0620 | 9          | 6.5       | 30.8       |
| 8"               | ISTT0820 | 16         | 7.9       | 32         |
| 10"              | ISTT1020 | 20.5       | 9.9       | 32.3       |
| 12"              | ISTT1220 | 22         | 12.4      | 41.5       |



## Velocity Cone

Made to order. Call for more information.

| Nominal Diameter | Part #   |
|------------------|----------|
| 3" to 2"         | ISVC0302 |
| 4" to 3"         | ISVC0403 |
| 5" to 4"         | ISVC0504 |
| 6" to 4"         | ISVC0604 |
| 6" to 5"         | ISCV0605 |
| 8" to 6"         | ISVC0806 |
| 10" to 6"        | ISVC1006 |
| 10" to 8"        | ISVC1008 |



## 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" |
|------------------|---------|--------------------|----------------------|--------------|
| 6" (160)         | ISLTK06 | 14.4 (366)         | 11.0 (280)           | 6.5 (166)    |



## Bird Screen PPs-UV

Fits inside InnoFlue® SW end pipes at terminations.

| Nominal Diameter | Part #  |
|------------------|---------|
| 6" (160)         | IASPP06 |



## Bird Screen SS

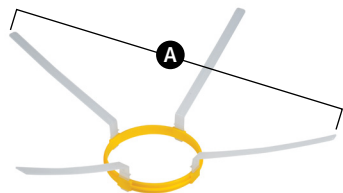
Fits inside InnoFlue® SW end pipes at terminations.

| Nominal Diameter | Part #  |
|------------------|---------|
| 8" (200)         | IASSS08 |
| 10" (250)        | IASSS10 |
| 12" (315)        | IASSS12 |

## Spacers

### 6" Spacers

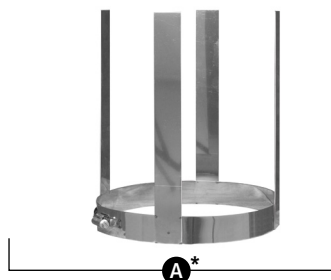
Self positioning spacers centers InnoFlue® SW in a chase/chimney/B-vent.



| Nominal Diameter | Part # | Max Width "A" | Min Width |
|------------------|--------|---------------|-----------|
| 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.

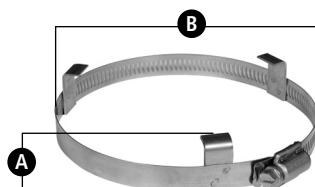


| Nominal Diameter | Part # | Max Width "A" | Min Width |
|------------------|--------|---------------|-----------|
| 8" (200)         | IASP08 | 27.6 (700)    | 9 (228)   |
| 10" (250)        | IASP10 | 29.5 (750)    | 11 (276)  |
| 12" (315)        | IASP12 | 32.1 (815)    | 13 (341)  |

\* When bent into place.

### Flue Clamp

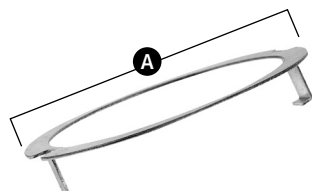
Secures ISAG and ISAGL appliance adaptors to appliance flue exhaust.



| Nominal Diameter | Part # | Height "A" | Max. I.D. "B" |
|------------------|--------|------------|---------------|
| 6" (160)         | IAFC06 | 1.0 (26)   | 8.3 (211)     |

### 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"     |
|------------------|--------|--------------|
| 6" (160)         | IAN506 | 7.5 (191)    |
| 8" (200)         | IAN508 | 9.4 (239)    |
| 10" (250)        | IAN510 | 10.7 (271)   |
| 12" (315)        | IAN512 | 14.9 (378.5) |



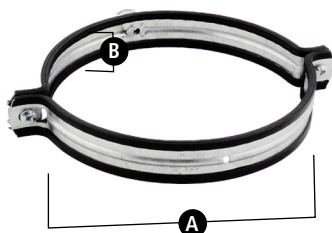
## Connector Double Hose Clamp

Connection clamps provide mechanical connection as required by O.E.M.

| Nominal Diameter | Part #    |
|------------------|-----------|
| 5" (125)         | IADHC0505 |
| 6" (160)         | IADHC0606 |
| 8" (200)         | IADHC0808 |
| 10" (250)        | IADHC1010 |
| 12" (315)        | IADHC1212 |

## Support Clamp

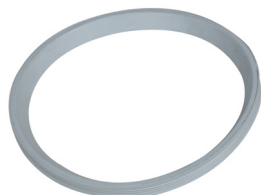
Used as vertical or horizontal support. Space 78" in vertical and 39" in horizontal installations. Uses 3/8" threaded rod.



| Nominal Diameter | Part #  | Overall Length "A" | Height "B" |
|------------------|---------|--------------------|------------|
| 6" (160)         | IASCM06 | 6.8 (172.7)        | 1.1 (28)   |
| 8" (200)         | IASCM08 | 8.4 (213.3)        | 1.1 (28)   |
| 10" (250)        | IASCM10 | 10.3 (261.6)       | 1.1 (28)   |
| 12" (315)        | IASCM12 | 12.8 (325.1)       | 1.1 (28)   |

## EPDM Gaskets

Standard gasket for 6" through 12" 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 # |
|------------------|--------|
| 6" (160)         | ISGE06 |
| 8" (200)         | ISGE08 |
| 10" (250)        | ISGE10 |
| 12" (315)        | ISGE12 |

## Centrocerin

A water based lubricant used to ease the assembly of InnoFlue® SW & Flex. Sparingly applied to the gasket or male end.



| Package Size | Part # |
|--------------|--------|
| 50 ml        | IACE50 |



Centrotherm Eco Systems  
Albany, New York



Centrotherm Systemtechnik GmbH  
Brilon, Germany

## About Centrotherm

**For over 20 years**, the Ubbink-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 with an established and solid track record of nearly two decades of field service.

Centrotherm Eco Systems is part of Centrotec Group, a publicly traded diversified manufacturer of sustainable industrial products.

*For more information about Centrotec Sustainable AG, visit [www.centrotec.de](http://www.centrotec.de)*



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