



HART **COOLEY**[®]
install confidence.

Type B Gas Vent Systems
Edition 8

3
LIMITED WARRANTY
TYPE B GAS VENT
HART & COOLEY, INC.

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Type B Oval Gas Vent Pipe & Fittings

| | | |
|-------|-----------------------|----|
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| | | |
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Hart & Cooley Type B Gas Vent

Safe. Durable. Easy to install. The total package.

Safety:

The *Hart & Cooley*® double-wall, air-insulated **B-Vent** system is secured by locking joints. Properly installed, the vent won't come apart through vibration, and offers protection against vent failure or fire hazard. **Type B Gas Vent** is designed for negative pressure applications and flue gas temperatures not exceeding 400°F above ambient for Category I appliances.

Durability:

By using high-quality materials and skilled workmanship, our galvanized outer pipe and aluminum inner pipe provide protection against corrosion and external damage.

Easy and Secure Installation:

Install with confidence! *Hart & Cooley's* simple two step engagement helps installers achieve installation quickly and easily. Simply engage pipe sections and secure by sliding the lock ring over security tabs. This unique system creates a strong connection without the use of screws. With our complete offering of fittings, supports, and caps, *Hart & Cooley B-Vent* is your most valuable teammate to complete any installation.

Warranty

Hart & Cooley warrants **type-B gas vent** for a period of twelve (12) months after shipment, ensuring product is free from material or workmanship defect under normal service and use for which the products were designed.

Customer Service & Tech Support

Have a question about a product or installation? Our customer service & technical support staff is readily available to take your call and make your job easier.

Checkout our website, which offers a convenient search tool and contains our entire line of products in a user-friendly format.



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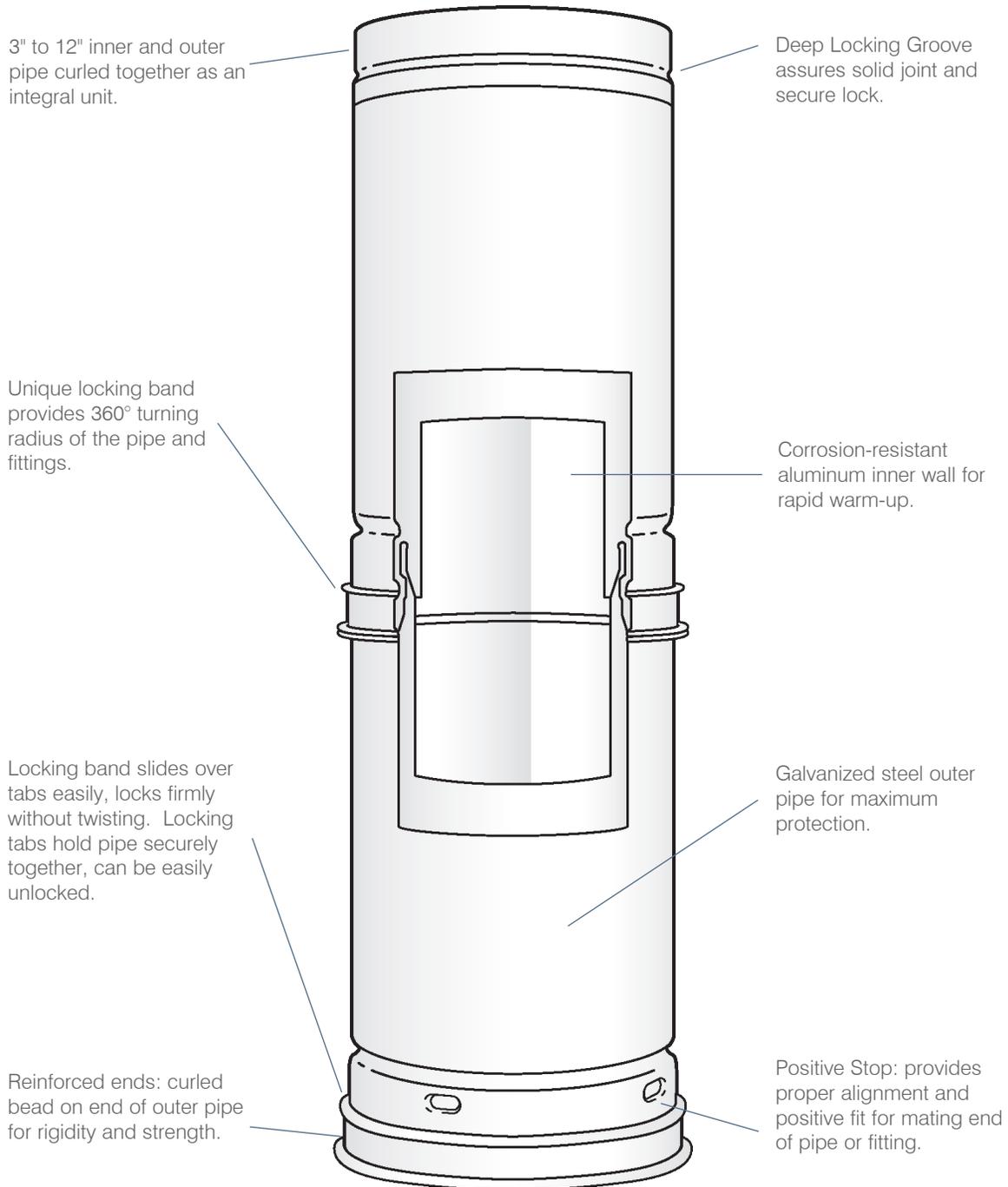
hartandcooley.com



Type B Gas Vent Link

Construction Features

Sizes 3" to 12" diameters

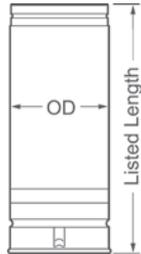


Hart & Cooley® B-Vent
complies with the latest Underwriters Laboratories Standard No. 441

Type B Round Gas Vent Pipe & Fittings

Round Pipe - RP*

3" through 12"



Lock-Ring Style

- Assembled length is the total length less overlap
 3" to 12" has 1 3/8" overlap
 14" to 30" has 1" overlap
- Outside Diameter (OD)
 Sizes 3" through 6" is size plus 1/2"
 Sizes 7" through 30" is size plus 1"
- The allowable minimum clearance to combustibles is 1"

| Size | Model Number | Listed Length | Size | Model Number | Listed Length | |
|------|--------------|---------------|--------|--------------|---------------|-----|
| 3" | 3RP6 | 6" | 6" | 6RP6 | 6" | |
| | 3RP12 | 12" | | 6RP12 | 12" | |
| | 3RP18 | 18" | | 6RP18 | 18" | |
| | 3RP24 | 24" | | 6RP24 | 24" | |
| | 3RP3 | 36" | | 6RP3 | 36" | |
| | 3RP4 | 48" | | 6RP4 | 48" | |
| | 3RP5 | 60" | | 6RP5 | 60" | |
| 4" | 4RP6 | 6" | 7" | 7RP12 | 12" | |
| | 4RP12 | 12" | | 7RP18 | 18" | |
| | 4RP18 | 18" | | 7RP24 | 24" | |
| | 4RP24 | 24" | | 7RP3 | 36" | |
| | 4RP3 | 36" | | 7RP4 | 48" | |
| | 4RP4 | 48" | | 7RP5 | 60" | |
| 5" | 4RP5 | 60" | 8" | 8RP12 | 12" | |
| | 5RP6 | 6" | | 8RP18 | 18" | |
| | 5RP12 | 12" | | 8RP24 | 24" | |
| | 5RP18 | 18" | | 8RP3 | 36" | |
| | 5RP24 | 24" | | 8RP4 | 48" | |
| 5" | 5RP3 | 36" | 8" | 8RP5 | 60" | |
| | 5RP4 | 48" | | 10" | 10RP18 | 18" |
| | 5RP5 | 60" | | | 10RP24 | 24" |
| | | | | | 10RP3 | 36" |
| | | | | 10RP5 | 60" | |
| | | 12" | 12RP18 | 18" | | |
| | | | 12RP24 | 24" | | |
| | | | 12RP3 | 36" | | |

A full set of installation instructions are supplied with caps and supports.

*Denotes UL listing

Round Pipe - R*

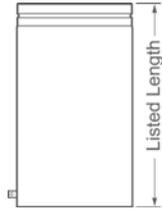
14" through 30"



Snap-Lock Style

| Size | Model Number | Listed Length |
|------|--------------|---------------|
| 14" | 14R12 | 12" |
| | 14R18 | 18" |
| | 14R24 | 24" |
| | 14R3 | 36" |
| 16" | 16R12 | 12" |
| | 16R18 | 18" |
| | 16R24 | 24" |
| | 16R3 | 36" |
| 18" | 18R12 | 12" |
| | 18R18 | 18" |
| | 18R24 | 24" |
| | 18R3 | 36" |
| 20" | 20R12 | 12" |
| | 20R18 | 18" |
| | 20R24 | 24" |
| | 20R3 | 36" |
| 22" | 22R12 | 12" |
| | 22R18 | 18" |
| | 22R24 | 24" |
| | 22R3 | 36" |
| 24" | 24R12 | 12" |
| | 24R18 | 18" |
| | 24R24 | 24" |
| | 24R3 | 36" |
| 26" | 26R12 | 12" |
| | 26R18 | 18" |
| | 26R24 | 24" |
| | 26R3 | 36" |
| 28" | 28R12 | 12" |
| | 28R18 | 18" |
| | 28R24 | 24" |
| | 28R3 | 36" |
| 30" | 30R12 | 12" |
| | 30R18 | 18" |
| | 30R24 | 24" |
| | 30R3 | 36" |

Adjustable Length Pipe - RPA*/R18A

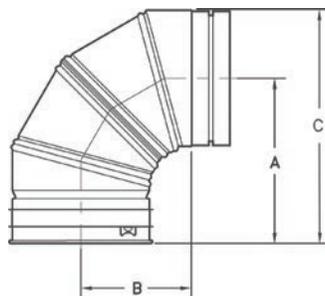


- 12" length is adjustable 1" to 10"
- 18" length is adjustable 1" to 16"

| Model Number | Size | Listed Length |
|--------------|------|---------------|
| 3RPA | 3" | 12" |
| 4RPA | 4" | 12" |
| 5RPA | 5" | 12" |
| 6RPA | 6" | 12" |
| 7RPA | 7" | 18" |
| 8RPA | 8" | 18" |
| 10RPA | 10" | 18" |
| 12RPA | 12" | 18" |
| 14R18A | 14" | 18" |
| 16R18A | 16" | 18" |
| 18R18A | 18" | 18" |
| 20R18A | 20" | 18" |
| 22R18A | 22" | 18" |
| 24R18A | 24" | 18" |
| 26R18A | 26" | 18" |
| 28R18A | 28" | 18" |
| 30R18A | 30" | 18" |

Adjustable Elbow - REA90*

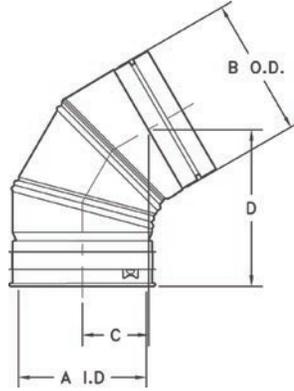
0-90°



| Model Number | Size | A | B | C |
|--------------|--------|--------|--------|---------|
| 3REA90 | 3 1/2" | 5 1/2" | 3 3/4" | 7 1/4" |
| 4REA90 | 4" | 6" | 4 1/4" | 8 1/4" |
| 5REA90 | 5" | 6 1/2" | 4 3/4" | 9 1/4" |
| 6REA90 | 6" | 7" | 5 1/4" | 10 1/4" |
| 7REA90 | 7" | 7 3/4" | 6" | 11 3/4" |
| 8REA90 | 8" | 8 1/4" | 6 1/2" | 12 3/4" |

Adjustable Elbow - REA60*

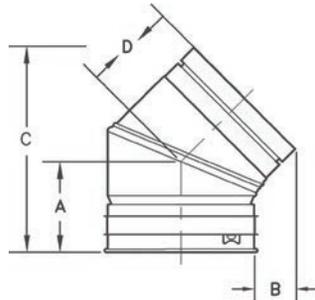
60/45°



| Model Number | Size | A I.D. | B O.D. | C | D |
|--------------|------|--------|--------|--------|--------|
| 3REA60 | 3" | 3" | 3 1/2" | 1 7/8" | 5 1/4" |
| 4REA60 | 4" | 4" | 4 1/2" | 2 1/8" | 5 1/2" |
| 5REA60 | 5" | 5" | 5 1/2" | 2 1/4" | 6" |
| 6REA60 | 6" | 6" | 6 1/2" | 2 5/8" | 6 3/8" |

Adjustable Elbow - REA45*

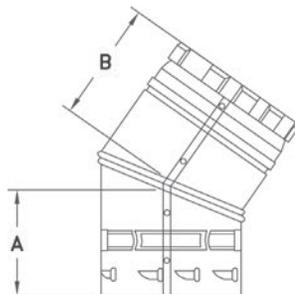
45°



| Model Number | Size | A | B | C | D |
|--------------|------|--------|--------|---------|--------|
| 7REA45 | 7" | 4 3/8" | 2 5/8" | 10 3/8" | 4 3/4" |
| 8REA45 | 8" | 4 5/8" | 2 7/8" | 11 1/8" | 4 3/4" |
| 10REA45 | 10" | 5" | 3 1/4" | 12 3/4" | 4 3/4" |
| 12REA45 | 12" | 5 1/2" | 3 3/4" | 13 3/4" | 4 3/4" |

Elbow - R45*

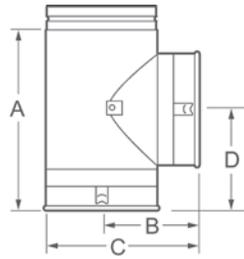
45°



| Model Number | Size | A | B |
|--------------|------|---------|---------|
| 14R45 | 14" | 6 5/8" | 6 1/2" |
| 16R45 | 16" | 7" | 7" |
| 18R45 | 18" | 7 9/16" | 7 1/2" |
| 20R45 | 20" | 8 1/2" | 8 5/8" |
| 22R45 | 22" | 8" | 7 5/8" |
| 24R45 | 24" | 8 5/8" | 8 5/16" |
| 26R45 | 26" | 9" | 9" |
| 28R45 | 28" | 9 1/2" | 9 1/2" |
| 30R45 | 30" | 10" | 10" |

- 14" elbow is adjustable
- 16" through 30" elbows are fixed

Tee - RT*



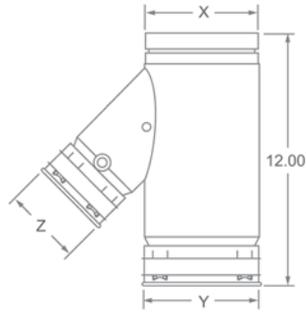
| Model Number | Size | A | B | C | D |
|--------------|-----------------|---------|---------|---------|---------|
| 3RT3 | 3" x 3" x 3" | 7 1/2" | 4 1/2" | 6 1/4" | 4 1/2" |
| 4RT4 | 4" x 4" x 4" | 8 1/2" | 5" | 7 1/4" | 5" |
| 5RT5 | 5" x 5" x 5" | 9 1/2" | 5 1/2" | 8 1/4" | 5 1/2" |
| 5RT4 | 5" x 5" x 4" | 9 1/2" | 5 1/2" | 8 1/4" | 5 1/2" |
| 5RT3 | 5" x 5" x 3" | 9 1/2" | 5 1/2" | 8 1/4" | 5 1/2" |
| 6RT6 | 6" x 6" x 6" | 10 1/2" | 6" | 9 1/4" | 6" |
| 6RT4 | 6" x 6" x 4" | 10 1/2" | 6" | 9 1/4" | 6" |
| 6RT3 | 6" x 6" x 3" | 10 1/2" | 6" | 9 1/4" | 6" |
| 7RT7 | 7" x 7" x 7" | 11 1/2" | 6 1/2" | 10 3/4" | 6 3/4" |
| 8RT8 | 8" x 8" x 8" | 12 1/2" | 7" | 11 3/4" | 7 1/4" |
| 10RT10 | 10" x 10" x 10" | 14 1/2" | 8" | 13 3/4" | 8 1/4" |
| 12RT12 | 12" x 12" x 12" | 16 1/2" | 9" | 15 3/4" | 9 1/4" |
| 14RT | 14" x 14" x 14" | 24" | 11 3/4" | 19 1/4" | 12" |
| 16RT | 16" x 16" x 16" | 26" | 13" | 21 1/2" | 13 1/4" |
| 18RT | 18" x 18" x 18" | 28 1/2" | 14 1/4" | 23 3/4" | 14 1/2" |
| 20RT | 20" x 20" x 20" | 30" | 15 1/2" | 26" | 15 3/4" |
| 22RT | 22" x 22" x 22" | 33" | 16 3/4" | 28 1/4" | 17" |
| 24RT | 24" x 24" x 24" | 36" | 18" | 30 1/2" | 18 1/4" |
| 26RT | 26" x 26" x 26" | 38" | 19" | 32 1/2" | 19 1/4" |
| 28RT | 28" x 28" x 28" | 40" | 20" | 34 1/2" | 20 1/4" |
| 30RT | 30" x 30" x 30" | 42" | 21" | 36 1/2" | 21 1/4" |

Tee Cap - RTC



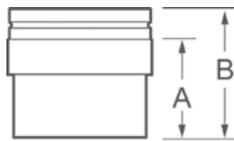
| Model Number | Diameter Size |
|--------------|---------------|
| 3RTC | 3" |
| 4RTC | 4" |
| 5RTC | 5" |
| 6RTC | 6" |
| 7RTC | 7" |
| 8RTC | 8" |
| 10RTC | 10" |
| 12RTC | 12" |
| 14RTCP | 14" |
| 16RTCP | 16" |
| 18RTCP | 18" |
| 20RTCP | 20" |
| 22RTCP | 22" |
| 24RTCP | 24" |
| 26RTCP | 26" |
| 28RTCP | 28" |
| 30RTCP | 30" |

Wye - RYF*



| Model Number | Size X / Y / Z |
|--------------|----------------|
| 4RYF33 | 4" / 3" / 3" |
| 4RYF44 | 4" / 4" / 4" |
| 4RYF43 | 4" / 4" / 3" |
| 5RYF53 | 5" / 5" / 3" |
| 5RYF54 | 5" / 5" / 4" |
| 5RYF43 | 5" / 4" / 3" |
| 5RYF44 | 5" / 4" / 4" |
| 6RYF54 | 6" / 5" / 4" |
| 6RYF53 | 6" / 5" / 3" |
| 6RYF43 | 6" / 4" / 3" |
| 6RYF44 | 6" / 4" / 4" |
| 6RYF63 | 6" / 6" / 3" |
| 6RYF64 | 6" / 6" / 4" |

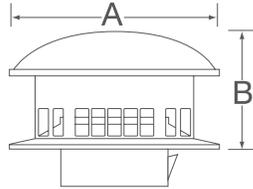
Draft Hood Connector - RDH*



| Model Number | Size | A | B |
|--------------|------|--------|--------|
| 3RDH | 3" | 4 1/2" | 6" |
| 4RDH | 4" | 4 1/2" | 6" |
| 5RDH | 5" | 4 1/2" | 6" |
| 6RDH | 6" | 4 1/2" | 6" |
| 7RDH | 7" | 7" | 8 1/2" |
| 8RDH | 8" | 7" | 8 1/2" |
| 10RDH | 10" | 7" | 8 1/2" |
| 12RDH | 12" | 7" | 8 1/2" |

Rain Cap - RHW*

3" through 8"

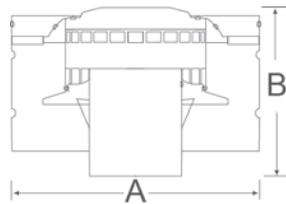


- Prevents rain and debris from entering the vent
- Single locking tab to securely connect to Type B Gas Vent
- External screen prevents entry of birds

| Model Number | Size | A | B |
|--------------|------|-----|--------|
| 3RHW | 3" | 6" | 3 1/4" |
| 4RHW | 4" | 8" | 4 1/4" |
| 5RHW | 5" | 10" | 5 1/4" |
| 6RHW | 6" | 12" | 6 1/4" |
| 7RHW | 7" | 14" | 7 1/2" |
| 8RHW | 8" | 16" | 8 1/2" |

High Wind Cap - RWW*

3" through 6"

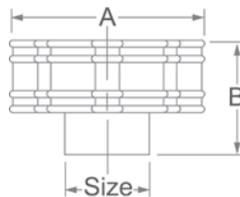


- Prevents rain & debris from entering the vent
- Two Locking Tabs ensure a secure connection even in high wind environments
- Used in high wind conditions without sacrificing draft and safety or risking pilot light blow out

| Model Number | Size | A | B |
|--------------|------|-----|--------|
| 3RWW | 3" | 8" | 5 1/2" |
| 4RWW | 4" | 10" | 6" |
| 5RWW | 5" | 12" | 7" |
| 6RWW | 6" | 14" | 7 1/2" |

Universal Cap - CU*

10" through 30"

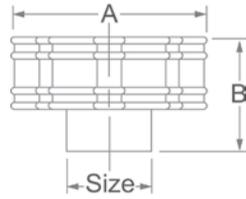


- Barriers provided in cap opening spaced less than 1" are designed to resist entry of birds
- Slips into most B-Vent

| Model Number | Size | A | B |
|--------------|------|---------|---------|
| 10CU | 10" | 15 3/4" | 7 1/2" |
| 12CU | 12" | 19" | 9" |
| 14CU | 14" | 22" | 11" |
| 16CU | 16" | 25" | 12" |
| 18CU | 18" | 28 1/4" | 13 1/2" |
| 20CU | 20" | 31 1/2" | 15" |
| 22CU | 22" | 34 1/2" | 16 1/2" |
| 24CU | 24" | 37 3/4" | 18" |
| 26CU | 26" | 42" | 19 1/2" |
| 28CU | 28" | 44" | 21" |
| 30CU | 30" | 48" | 22 1/2" |

Metal Cap - C*

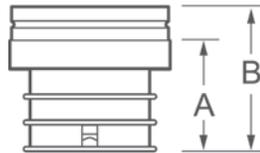
14" through 30"



- Barriers provided in cap opening spaced less than 1" are designed to resist entry of birds
- Snap-locks onto pipe

| Model Number | Size | A | B |
|--------------|------|---------|---------|
| 14C | 14" | 22" | 11" |
| 16C | 16" | 25" | 12" |
| 18C | 18" | 28 1/4" | 13 1/2" |
| 20C | 20" | 31 1/2" | 15" |
| 22C | 22" | 34 1/2" | 16 1/2" |
| 24C | 24" | 37 3/4" | 18" |
| 26C | 26" | 42" | 19 1/2" |
| 28C | 28" | 44" | 21" |
| 30C | 30" | 48" | 22 1/2" |

Increaser - RN*



| Model Number | Size | A | B |
|--------------|------------|--------|--------|
| 3RN4 | 3" to 4" | 3 3/4" | 5 1/4" |
| 3RN5 | 3" to 5" | 3 3/4" | 5 1/4" |
| 3RN6 | 3" to 6" | 3 3/4" | 5 1/4" |
| 3RN7 | 3" to 7" | 3 3/4" | 5 1/4" |
| 4RN5 | 4" to 5" | 3 3/4" | 5 1/4" |
| 4RN6 | 4" to 6" | 3 3/4" | 5 1/4" |
| 4RN7 | 4" to 7" | 3 3/4" | 5 1/4" |
| 5RN6 | 5" to 6" | 3 3/4" | 5 1/4" |
| 6RN7 | 6" to 7" | 3 3/4" | 5 1/4" |
| 6RN8 | 6" to 8" | 3 3/4" | 5 1/4" |
| 7RN8 | 7" to 8" | 3 7/8" | 5 3/8" |
| 8RN10 | 8" to 10" | 3 7/8" | 5 3/8" |
| 8RN12 | 8" to 12" | 3 7/8" | 5 3/8" |
| 10RN12 | 10" to 12" | 3 7/8" | 5 3/8" |

Universal Increaser/Adapter - RIX*



- Adapts and increases from locking ring style, small-diameter vent pipe to snap-lock large-diameter vent pipe

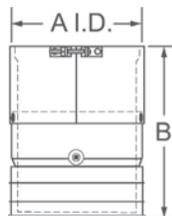
| Model Number | Diameter Size |
|--------------|---------------|
| 8RIX14U | 8" to 14" |
| 10RIX14U | 10" to 14" |
| 10RIX16U | 10" to 16" |
| 10RIX18U | 10" to 18" |
| 12RIX14U | 12" to 14" |
| 12RIX16U | 12" to 16" |
| 12RIX18U | 12" to 18" |
| 12RIX20U | 12" to 20" |

Increaser - RIX*



| Model Number | Diameter Size | Model Number | Diameter Size |
|--------------|---------------|--------------|---------------|
| 14RIX16 | 14" to 16" | 22RIX24 | 22" to 24" |
| 14RIX18 | 14" to 18" | 18RIX26 | 18" to 26" |
| 16RIX18 | 16" to 18" | 20RIX26 | 20" to 26" |
| 14RIX20 | 14" to 20" | 22RIX26 | 22" to 26" |
| 16RIX20 | 16" to 20" | 24RIX26 | 24" to 26" |
| 18RIX20 | 18" to 20" | 20RIX28 | 20" to 28" |
| 14RIX22 | 14" to 22" | 22RIX28 | 22" to 28" |
| 16RIX22 | 16" to 22" | 24RIX28 | 24" to 28" |
| 18RIX22 | 18" to 22" | 26RIX28 | 26" to 28" |
| 20RIX22 | 20" to 22" | 22RIX30 | 22" to 30" |
| 16RIX24 | 16" to 24" | 24RIX30 | 24" to 30" |
| 18RIX24 | 18" to 24" | 26RIX30 | 26" to 30" |
| 20RIX24 | 20" to 24" | 28RIX30 | 28" to 30" |

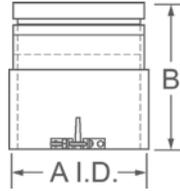
Female Adapter - RRA*



| Model Number | Size | A. I.D. | B |
|--------------|------|---------|----|
| 3RRA | 3" | 3 3/4" | 6" |
| 4RRA | 4" | 4 3/4" | 6" |
| 5RRA | 5" | 5 3/4" | 6" |
| 6RRA | 6" | 6 3/4" | 6" |

- Adapts Hart & Cooley vent to other brands of B-Vent (ours to theirs)

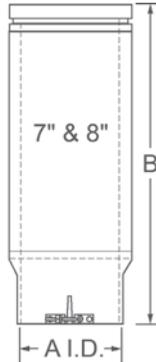
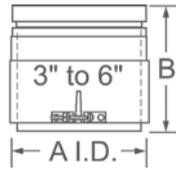
Male Adapter - RAA*



| Model Number | Size | A.I.D. | B |
|--------------|------|----------|--------|
| 3RAA | 3" | 3 11/16" | 6" |
| 4RAA | 4" | 4 11/16" | 6" |
| 5RAA | 5" | 5 11/16" | 6" |
| 6RAA | 6" | 6 11/16" | 6" |
| 7RAA | 7" | 7 11/16" | 8 1/2" |
| 8RAA | 8" | 8 11/16" | 8 1/2" |

- Adapts thicker wall brands of B-Vent to Hart & Cooley vent (theirs to ours)

Male Adapter - RA*



| Model Number | Size | A.I.D. | B Dim. |
|--------------|------|---------|---------|
| 3RA | 3" | 3 9/16" | 6" |
| 4RA | 4" | 4 9/16" | 6" |
| 5RA | 5" | 5 9/16" | 6" |
| 6RA | 6" | 6 9/16" | 6" |
| 7RA | 7" | 7 9/16" | 17 3/4" |
| 8RA | 8" | 8 9/16" | 17 3/4" |

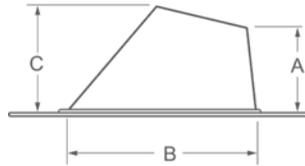
- Adapts other brands of B-Vent to Hart & Cooley vent (theirs to ours)

| Competitive Manufacturer | Pipe Diameter | Airspace | Adapter Male | Model Female |
|--------------------------|---------------|----------|--------------|--------------|
| Selkirk | 3" - 6" | 1/4" | RA or RPA† | RRA |
| | 7" - 8" | 1/4" | RA | - |
| Metal Fab | 3" - 6" | 1/4" | RA or RPA† | RRA |
| | 7" - 8" | 1/2" | RPA | - |
| AmeriVent | 3" - 6" | 1/4" | RA or RPA† | RRA |
| | 7" - 8" | 1/2" | RPA | - |
| Air-Jet | 3" - 6" | 3/8" | RAA | - |
| | 7" - 8" | 3/8" | RAA | - |
| DuraVent | 3" - 6" | 5/16" | RAA | RRA |
| | 7" - 8" | 5/16" | RAA | - |

†RPA, the Adjustable Length, can be found on page 6

Adjustable Roof Flashing - RF

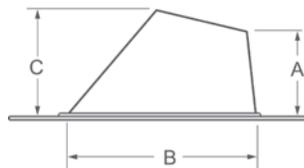
Flat to 6/12



| Model Number | Size | A | B | C |
|--------------|------|--------|---------|---------|
| 3RF | 3" | 3" | 6 1/8" | 4 1/8" |
| 4RF | 4" | 3 1/4" | 7 3/8" | 4 1/8" |
| 5RF | 5" | 3 1/2" | 8 5/8" | 4 3/4" |
| 6RF | 6" | 3 3/4" | 10" | 5 1/4" |
| 7RF | 7" | 4" | 11 1/8" | 6 3/8" |
| 8RF | 8" | 4 1/4" | 13 1/8" | 6 3/4" |
| 10RF | 10" | 4 3/4" | 15 5/8" | 7 1/2" |
| 12RF | 12" | 4 3/4" | 18" | 8" |
| 14RF | 14" | 5 1/4" | 21" | 9 1/4" |
| 16RF | 16" | 5 1/4" | 23 1/4" | 9 1/2" |
| 18RF | 18" | 5 3/4" | 25 7/8" | 10 1/2" |
| 20RF | 20" | 5 3/4" | 28 1/8" | 11" |
| 22RF | 22" | 6 1/4" | 30 5/8" | 12" |
| 24RF | 24" | 6 1/4" | 32 7/8" | 12 1/2" |
| 26RF | 26" | NA | NA | 12" |
| 28RF | 28" | NA | NA | 12" |
| 30RF | 30" | NA | NA | 13" |

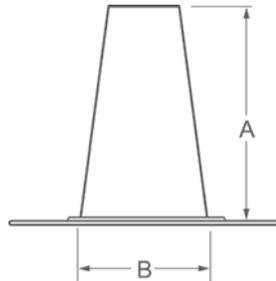
Adjustable Roof Flashing - RFA

6/12 to 12/12



| Model Number | Size | A | B | C |
|--------------|------|--------|---------|----------|
| 3RFA | 3" | 5 1/2" | 6" | 7 1/4" |
| 4RFA | 4" | 5 3/8" | 7 3/8" | 7 9/16" |
| 5RFA | 5" | 5 5/8" | 8 5/8" | 8 5/8" |
| 6RFA | 6" | 5 3/8" | 10" | 8 13/16" |
| 7RFA | 7" | 5 3/8" | 11 7/8" | 9 3/4" |
| 8RFA | 8" | 5 1/4" | 13" | 10 1/16" |

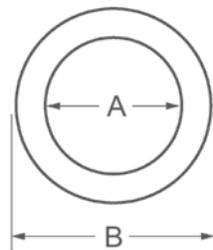
Tall Cone Roof Flashing - RTF



| Model Number | Size | A | B |
|--------------|------|-----|----------|
| 3RTF | 3" | 11" | 7 1/2" |
| 4RTF | 4" | 11" | 7 1/2" |
| 5RTF | 5" | 11" | 7 1/2" |
| 6RTF | 6" | 11" | 7 1/2" |
| 7RTF | 7" | 11" | 11" |
| 8RTF | 8" | 11" | 11" |
| 10RTF | 10" | 11" | 16" |
| 12RTF | 12" | 11" | 16" |
| 14RTF | 14" | 11" | 19 1/4" |
| 16RTF | 16" | 11" | 19 1/4" |
| 18RTF | 18" | 11" | 23 5/8" |
| 20RTF | 20" | 11" | 23 5/8" |
| 22RTF | 22" | 11" | 27 5/8" |
| 24RTF | 24" | 11" | 27 5/8" |
| 26FT | 26" | 11" | 31 9/16" |
| 28FT | 28" | 11" | 31 9/16" |
| 30FT | 30" | 11" | 31 9/16" |

Storm Collar - RS

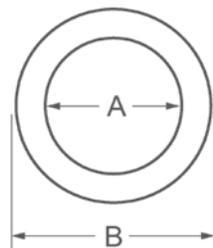
3" through 6"



| Model Number | Size | A | B |
|--------------|------|--------|--------|
| 3RS | 3" | 3 1/2" | 6 5/8" |
| 4RS | 4" | 4 1/2" | 7 5/8" |
| 5RS | 5" | 5 1/2" | 8 5/8" |
| 6RS | 6" | 6 1/2" | 9 5/8" |

Adjustable Storm Collar - RS

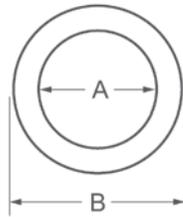
7" through 12"



| Model Number | Size | A | B |
|--------------|------|-----|---------|
| 7RS | 7" | 8" | 10 7/8" |
| 8RS | 8" | 9" | 11 7/8" |
| 10RS | 10" | 11" | 14 1/2" |
| 12RS | 12" | 13" | 16 1/2" |

Adjustable Storm Collar - SC

14" through 30"

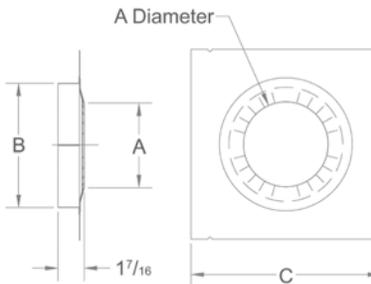
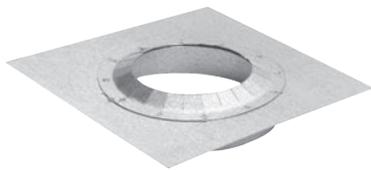


- Designed to be snug around vent pipe for a weather-tight fit
- For use with roof flashing and caulk

| Model Number | Size | A | B |
|--------------|------|-----|------------------------------------|
| 14SC | 14" | 15" | 18 ⁷ / ₈ " |
| 16SC | 16" | 17" | 21 ¹ / ₄ " |
| 18SC | 18" | 19" | 23 ¹ / ₄ " |
| 20SC | 20" | 21" | 25 ¹⁵ / ₁₆ " |
| 22SC | 22" | 23" | 28 ⁵ / ₁₆ " |
| 24SC | 24" | 25" | 30 ¹¹ / ₁₆ " |
| 26SC | 26" | 27" | 33 ¹ / ₁₆ " |
| 28SC | 28" | 29" | 35 ¹ / ₁₆ " |
| 30SC | 30" | 31" | 37 ¹ / ₁₆ " |

Gripper Support - RGS*

3" through 10"

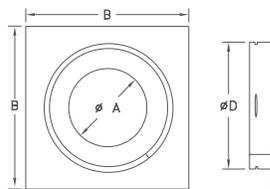
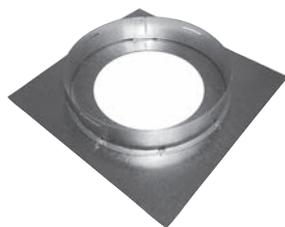


- Supports 30' of pipe
- Acts as a firestop
- 7", 8" and 10" not UL-listed

| Model Number | Size | A | B | C |
|--------------|------|----------------------------------|---------------------------------|-----|
| 3RGS | 3" | 3 ¹ / ₂ " | 5 ¹ / ₂ " | 9" |
| 4RGS | 4" | 4 ¹ / ₂ " | 6 ¹ / ₂ " | 10" |
| 5RGS | 5" | 5 ¹ / ₂ " | 7 ¹ / ₂ " | 11" |
| 6RGS | 6" | 6 ¹ / ₂ " | 8 ¹ / ₂ " | 12" |
| 7RGS | 7" | 7 ¹ / ₂ " | - | 13" |
| 8RGS | 8" | 8 ¹ / ₂ " | - | 14" |
| 10RGS | 10" | 10 ¹ / ₂ " | - | 16" |

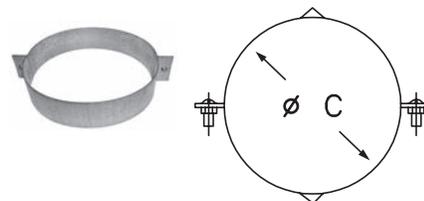
Firestop Support - FSP*

3" through 8"



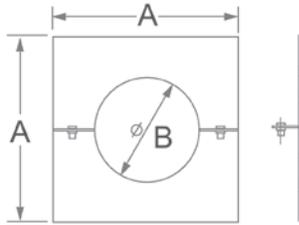
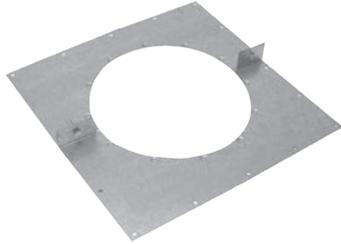
- Supports 20' of pipe
- Acts as a firestop

| Model Number | Size | A | B | C | D |
|--------------|------|---------------------------------|----------------------------------|---------------------------------|---------------------------------|
| 3FSP | 3" | 3 ⁵ / ₈ " | 7 ¹ / ₂ " | 3 ¹ / ₂ " | 5 ¹ / ₂ " |
| 4FSP | 4" | 4 ⁵ / ₈ " | 8 ¹ / ₂ " | 4 ¹ / ₂ " | 6 ¹ / ₂ " |
| 5FSP | 5" | 5 ⁵ / ₈ " | 9 ¹ / ₂ " | 5 ¹ / ₂ " | 7 ¹ / ₂ " |
| 6FSP | 6" | 6 ⁵ / ₈ " | 10 ¹ / ₂ " | 6 ¹ / ₂ " | 8 ¹ / ₂ " |
| 7FSP | 7" | 8 ¹ / ₈ " | 12" | 8" | 10" |
| 8FSP | 8" | 9 ¹ / ₈ " | 13" | 9" | 11" |



Support Plate - SP*

10" through 30"

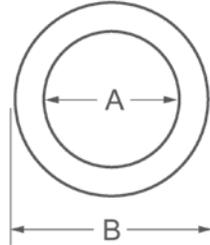


- Supports 30' of pipe

| Model Number | Size | A | B |
|--------------|------|-----|---------|
| 10SP | 10" | 18" | 10 5/8" |
| 12SP | 12" | 20" | 12 5/8" |
| 14SP | 14" | 22" | 14 5/8" |
| 16SP | 16" | 24" | 16 5/8" |
| 18SP | 18" | 26" | 18 5/8" |
| 20SP | 20" | 28" | 20 5/8" |
| 22SP | 22" | 30" | 22 5/8" |
| 24SP | 24" | 32" | 24 5/8" |
| 26SP | 26" | 34" | 26 5/8" |
| 28SP | 28" | 36" | 28 5/8" |
| 30SP | 30" | 38" | 30 5/8" |

Pipe Collar - RPC

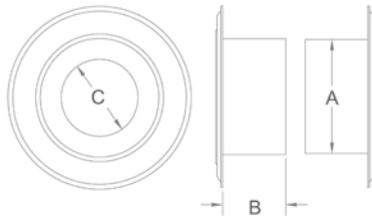
3" through 8"



- To cover a rough opening

| Model Number | Size | A | B |
|--------------|------|--------|---------|
| 3RPC | 3" | 3 5/8" | 8 3/4" |
| 4RPC | 4" | 4 5/8" | 8 3/4" |
| 5RPC | 5" | 5 5/8" | 10 7/8" |
| 6RPC | 6" | 6 5/8" | 12 7/8" |
| 7RPC | 7" | 8 1/8" | 14 7/8" |
| 8RPC | 8" | 9 1/8" | 16 7/8" |

Wall Thimble - RWT



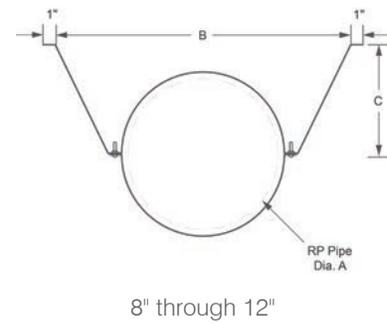
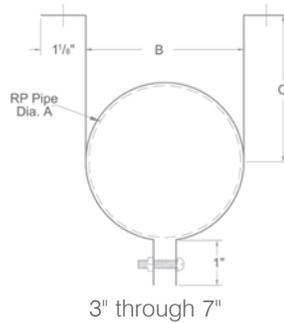
- Provides necessary clearance to combustibles
- Sleeve is adjustable from 3" to 6"

| Model Number | Size | A | B | C |
|--------------|------|--------|---------|---------|
| 3RWT | 3" | 5 1/2" | 3 1/16" | 3 9/16" |
| 4RWT | 4" | 6 1/2" | 3 1/16" | 4 9/16" |
| 5RWT | 5" | 7 1/2" | 3 1/16" | 5 9/16" |
| 6RWT | 6" | 8 1/2" | 3 1/4" | 6 9/16" |
| 7RWT | 7" | 10" | 3 1/4" | 8 1/16" |
| 8RWT | 8" | 11" | 3 1/4" | 9 1/16" |

Wall Bracket - RWB



| Model Number | Size | A | B | C |
|--------------|------|-----|-----------|----------|
| 3RWB | 3" | 3" | 3 1/2" | 3 1/4" |
| 4RWB | 4" | 4" | 4 1/2" | 3 3/4" |
| 5RWB | 5" | 5" | 5 1/2" | 4 1/4" |
| 6RWB | 6" | 6" | 6 1/2" | 4 3/4" |
| 7RWB | 7" | 7" | 8" | 5 1/2" |
| 8RWB | 8" | 8" | 19 5/8" | 6 5/8" |
| 10RWB | 10" | 10" | 21 11/16" | 7 13/16" |
| 12RWB | 12" | 12" | 23 3/4" | 9" |



- Available in 3" through 12"
- 8" through 12" bracket used with perforated pipe strap supplied by others

Single-Wall Flexible Gas Vent Connector - SFC



- Single-wall flexible construction
- Includes an integral appliance draft hood connector for fast installation
- Locks onto Hart & Cooley type-B gas vent
- Requires 1" clearance to combustibles per installation instructions
- UL-listed for use as a connection from an appliance to type-B gas vent in conditioned spaces only
- Do not enclose
- Available in 3" through 5" diameters and 1' through 5' lengths

| Diameter | Model Number | Length |
|----------|--------------|--------|
| 3" | 3SFC12 | 12" |
| | 3SFC24 | 24" |
| | 3SFC3 | 36" |
| | 3SFC4 | 48" |
| | 3SFC5 | 60" |
| 4" | 4SFC12 | 12" |
| | 4SFC24 | 24" |
| | 4SFC3 | 36" |
| | 4SFC4 | 48" |
| | 4SFC5 | 60" |
| 5" | 5SFC12 | 12" |
| | 5SFC24 | 24" |
| | 5SFC3 | 36" |
| | 5SFC4 | 48" |
| | 5SFC5 | 60" |

Double-Wall Flexible Gas Vent Segment - DFC

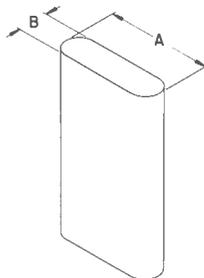


- Features double-wall, air-insulated construction
- Has type-B male/female ends for easy connection with Hart & Cooley B-Vent
- Requires 1" clearance to combustibles
- UL-listed for use as a connection from an appliance to type-B gas vent and as a segment of type-B gas vent
- Can be used in unconditioned spaces, such as attics and crawl spaces
- Do not enclose
- Available in 3" through 5" diameters and 2' through 5' lengths

| Diameter | Model Number | Length |
|----------|--------------|--------|
| 3" | 3DFC24 | 24" |
| | 3DFC3 | 36" |
| | 3DFC4 | 48" |
| | 3DFC5 | 60" |
| 4" | 4DFC24 | 24" |
| | 4DFC3 | 36" |
| | 4DFC4 | 48" |
| | 4DFC5 | 60" |
| 5" | 5DFC24 | 24" |
| | 5DFC3 | 36" |
| | 5DFC4 | 48" |
| | 5DFC5 | 60" |

Type B Oval Gas Vent Pipe & Fittings

Oval Pipe - OP



Type B

Sizes 4" and 5" may be installed with 1" minimum clearance to combustibles.

Type BW (recessed heater)

4" oval vent (when installed in 2 x 4 stud wall with recessed heater) requires clearances as determined by use of 4OBPWS hold-down plate, 4OCP ceiling plate spacers, and 4OFS firestop spacers.

Type B 2x4

4" and 5" oval vent (when installed in 2 x 4 stud wall, not using a recessed heater) requires clearance as determined by use of 4OFS or 5OFS firestop spacers at each ceiling level.

| Model Number | Size | A | B |
|--------------|------|---------|--------|
| 4OP6 | 4" | 7 1/16" | 2 7/8" |
| 4OP12 | 4" | 7 1/16" | 2 7/8" |
| 4OP18 | 4" | 7 1/16" | 2 7/8" |
| 4OP24 | 4" | 7 1/16" | 2 7/8" |
| 4OP3 | 4" | 7 1/16" | 2 7/8" |
| 4OP4 | 4" | 7 1/16" | 2 7/8" |
| 4OP5 | 4" | 7 1/16" | 2 7/8" |
| 5OP18 | 5" | 10 3/4" | 2 7/8" |
| 5OP24 | 5" | 10 3/4" | 2 7/8" |
| 5OP3 | 5" | 10 3/4" | 2 7/8" |
| 5OP4 | 5" | 10 3/4" | 2 7/8" |
| 5OP5 | 5" | 10 3/4" | 2 7/8" |

- Oval Pipe overlaps 1 3/8" when joined together; therefore, assembled length is 1 3/8" less than listed length.
- Offers all the advantages of round pipe, and may be used for the following types of installation.

4" Oval:

Conventional Type B

Type B-2x4 when used with firestop

Type BW-2x4 with recessed heater

5" Oval:

Type B

Type B-2x4

Adjustable Oval Pipe - OPA



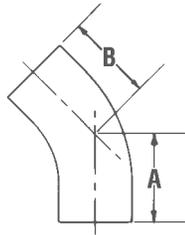
Sizes for 12" Lengths:

4", 5" (adjustable from 3" to 10")

| Model Number | Size |
|--------------|------|
| 4OPA | 4" |
| 5OPA | 5" |

- Telescopes onto oval pipe sections
- Adjusts from 3" to 10"

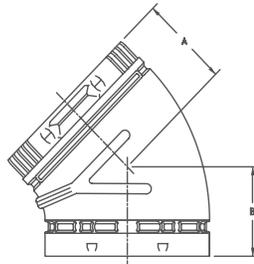
Standard Elbow - OES45



| Model Number | Size | A | B |
|--------------|------|--------|--------|
| 4OES45 | 4" | 3" | 3" |
| 5OES45 | 5" | 3 1/2" | 3 1/2" |

- Used in pairs where offsets are desired in 1" minimum clearance enclosures or open spaces, such as attics or basements
- Add pipe sections between pairs to produce additional offset

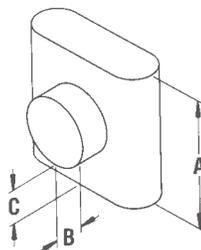
Flat Elbow - OEF45



| Model Number | Size | A | B |
|--------------|------|--------|--------|
| 4OEF45 | 4" | 3 3/4" | 3 3/4" |
| 5OEF45 | 5" | 4 3/4" | 4 3/4" |

- Used in pairs where offsets are desired in 1" minimum clearance enclosures or open spaces, such as attics or basements
- Add pipe sections between pairs to produce additional offset

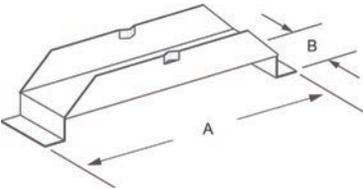
Standard Oval Tee - OT



| Model Number | Size | A | B | C |
|--------------|------|-----|---------|--------|
| 4OT | 4" | 12" | 2 9/16" | 2 3/8" |
| 5OT | 5" | 12" | 2 9/16" | 2 3/8" |

- The branch size and trunk size have the same diameter
- The tee branch accepts either double-wall or single-wall pipe

Tee Support - OBC



| Model Number | Size | A | B |
|--------------|------|----|---------|
| 4OBC | 4" | 3" | 11 1/2" |
| 5OBC | 5" | 3" | 12 7/8" |

- Supports and centers the tee
- Use with the tee cap shown below

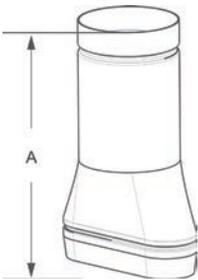
Oval Tee Cap - OTC



| Model Number | Size |
|--------------|------|
| 4OTC | 4" |
| 5OTC | 5" |

- Used to close off the bottom of the tee

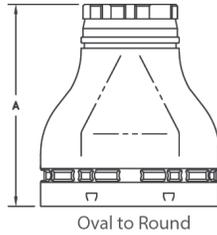
Oval-to-Round Adapter - OAR*



| Model Number | Size | A Dim. |
|--------------|------|---------|
| 4OAR | 4" | 11 3/8" |

- Adapts from oval to lock-ring style round B-Vent

Oval-to-Round Adapter - OARA

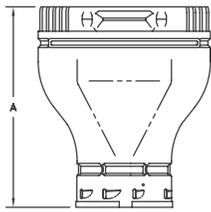


Oval to Round

| Model Number | Size | A |
|--------------|------|--------|
| 4OARA | 4" | 6 7/8" |
| 5OA5RA | 5" | 9 3/8" |

- Used for conversion of vent from oval to round
- Requires use of RAA male adapter to continue with round

Round-to-Oval Adapter - RAO

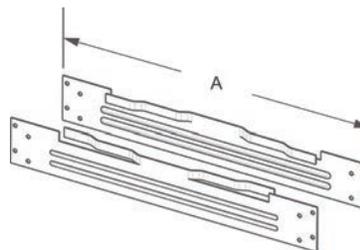


Round to Oval

| Model Number | Size | A |
|--------------|------|--------|
| 4RAO | 4" | 6 7/8" |
| 5RA5O | 5" | 9 3/8" |

- Used for conversion of vent from round to oval
- Requires use of RRA female adapter to come from round

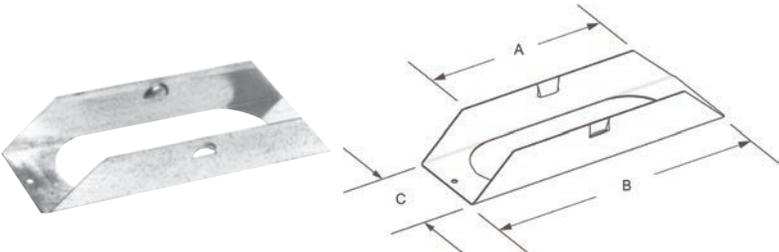
Plate Spacers - OCP



| Model Number | Size | A |
|--------------|------|---------|
| 4OCP | 4" | 17 1/2" |

- Required at the first ceiling level above a wall furnace to center and space vent properly and to provide the required opening between floors
- Firestop spacers must be used at subsequent levels

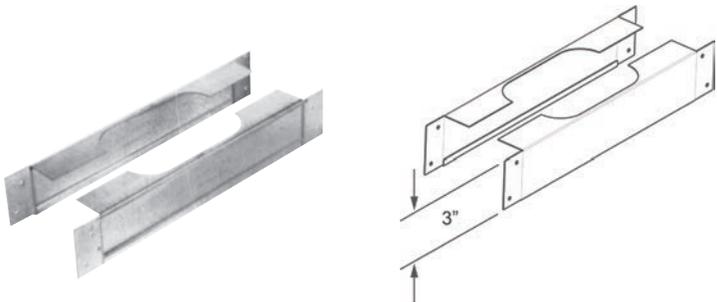
Hold-Down Plate - OBPWS



| Model Number | Size | A | B | C |
|--------------|------|--------|--------|---------|
| 4OBPWS | 4" | 6 1/2" | 9 5/8" | 2 5/16" |

- Required for connecting Type-BW vent to a wall furnace outlet

Firestop Spacers - OFS



| Model Number | Size | Wall |
|--------------|------|---------|
| 4OFS | 4" | 2" x 4" |
| 5OFS | 5" | 2" x 4" |
| 4OFS6 | 4" | 2" x 6" |

- Centers oval vent in 16" O.C. stud space
- Serves as a firestop at the ceiling level
- Required component for Type-B 2 x 4 and multi-story Type-BW installations

Oval Cap - OC

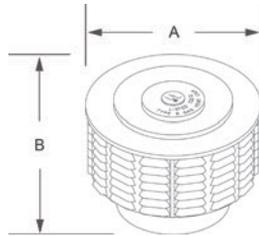
4"



| Model Number | Size | A | B |
|--------------|------|-----------------|--------|
| OC | 4" | 5 3/8" x 8 1/2" | 3 1/2" |

Cap - ECW

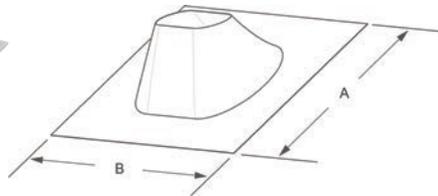
5"



| Model Number | Size | A | B |
|--------------|------|--------|---------|
| 5ECW | 5" | 9 7/8" | 5 5/16" |

- Use with 5" Oval to Round Adapter, 50A5RA

Oval Flashing - OF



| Model Number | Size | A | B |
|--------------|------|---------|---------|
| 4OF | 4" | 17 7/8" | 13 1/2" |
| 5OF | 5" | 23" | 14" |

- Installed either parallel or perpendicular to the roof ridge
- Fits roof pitches flat to 5/12

Oval Storm Collar - OSC

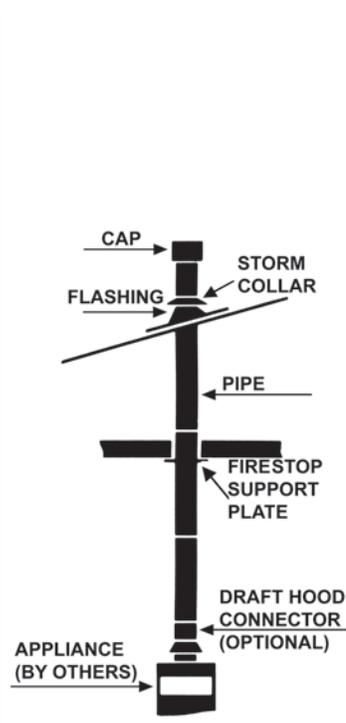
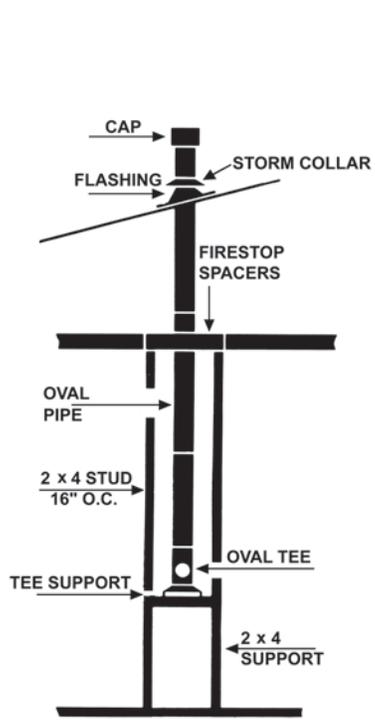
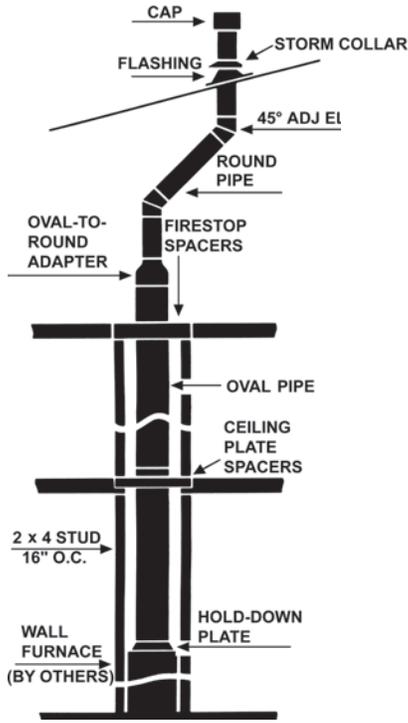


| Model Number | Size |
|--------------|------|
| 4OSC | 4" |
| 5OSC | 5" |

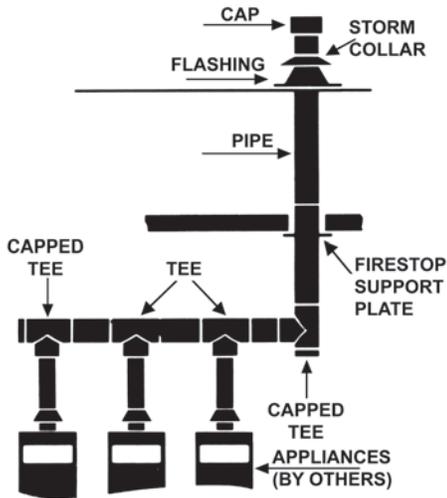
- Serves as a counter flashing and requires mastic to seal to the vent pipe

Type B Gas Vent Installations

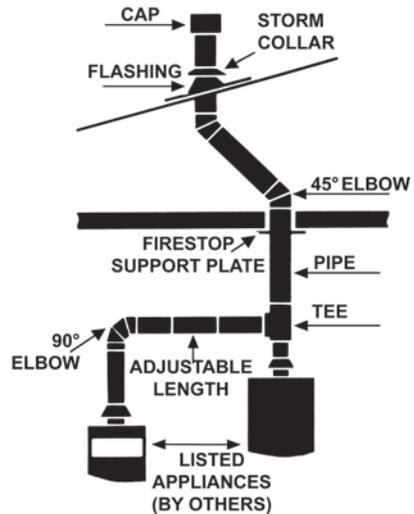
| Type BW Gas Vent | Type B - 2 x 4 <i>4" or 5" oval in 2x4 stud wall</i> | Type B Gas Vent <i>Single Appliance</i> |
|------------------|---|--|
|------------------|---|--|



Type BW Gas Vent
Multiple Appliance with manifold



Type BW Gas Vent
Multiple Appliance



Gas Appliance Chimney Liner Systems

Basic Kit - ALK



- Available in 3", 4", 5", 5.5", 6", 7" and 8" diameters
- Available in 15', 25' and 35' lengths
- Listed to: UL1777 and ULC-S635
- Compatible with type-B gas vent systems
- Kit includes length, round top, flashing with 3" collar, mortar guard, fasteners and instructions

| Model Number | Size | Length |
|--------------|------|--------|
| 3ALK15 | 3" | 15' |
| 3ALK25 | 3" | 25' |
| 3ALK35 | 3" | 35' |
| 4ALK15 | 4" | 15' |
| 4ALK25 | 4" | 25' |
| 4ALK35 | 4" | 35' |
| 5ALK15 | 5" | 15' |
| 5ALK25 | 5" | 25' |
| 5ALK35 | 5" | 35' |
| 55ALK25 | 5 ½" | 25' |
| 55ALK35 | 5 ½" | 35' |
| 6ALK25 | 6" | 25' |
| 6ALK35 | 6" | 35' |
| 7ALK25 | 7" | 25' |
| 7ALK35 | 7" | 35' |
| 8ALK25 | 8" | 25' |
| 8ALK35 | 8" | 35' |

Extension Kit - ALKE



- 10' flexible liner length
- Includes coupler and fastener package
- UL-listed

| Model Number | Size | Length |
|--------------|------|--------|
| 3ALKE10 | 3" | 10' |
| 4ALKE10 | 4" | 10' |
| 5ALKE10 | 5" | 10' |
| 55ALKE10 | 5 ½" | 10' |
| 6ALKE10 | 6" | 10' |
| 7ALKE10 | 7" | 10' |
| 8ALKE10 | 8" | 10' |

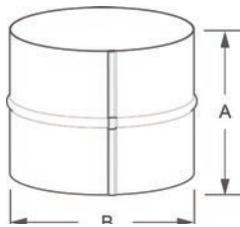
Insulated Sleeve - ALK-FS



| Model Number | Size |
|--------------|-------------|
| 4ALK-FS | 3" - 4" |
| 5ALK-FS | 5" |
| 6ALK-FS | 5 1/2" - 6" |
| 7ALK-FS | 7" |
| 8ALK-FS | 8" |

- Insulation sleeve with tough poly exterior
- Cable ties included

Flex Coupler - ALK-FC



| Model Number | Size | A | B |
|--------------|--------|----|-------|
| 3ALK-FC | 3" | 4" | 2.97" |
| 4ALK-FC | 4" | 4" | 3.97" |
| 5ALK-FC | 5" | 4" | 4.97" |
| 55ALK-FC | 5 1/2" | 4" | 5.47" |
| 6ALK-FC | 6" | 4" | 5.97" |
| 7ALK-FC | 7" | 4" | 6.97" |
| 8ALK-FC | 8" | 4" | 7.97" |

- For fitting or joining ALK liner lengths

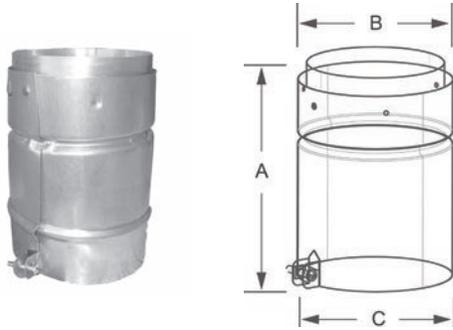
Pull Down - FX-PD



| Model Number | Size |
|--------------|--------|
| 3FX-PD | 3" |
| 4FX-PD | 4" |
| 5FX-PD | 5" |
| 55FX-PD | 5 1/2" |
| 6FX-PD | 6" |
| 7FX-PD | 7" |
| 8FX-PD | 8" |

- Used to stretch and lead ALK liner down chimney

Adapters - ALK-VA



| Model Number | Size | A | B | C |
|--------------|------|-------|-------|-------|
| 3ALK-VA | 3" | 5.88" | 2.95" | 3.57" |
| 4ALK-VA | 4" | 5.88" | 3.95" | 4.57" |
| 5ALK-VA | 5" | 5.88" | 4.95" | 5.57" |
| 6ALK-VA | 6" | 5.88" | 5.95" | 6.57" |
| 7ALK-VA | 7" | 5.88" | 6.95" | 8.57" |
| 8ALK-VA | 8" | 5.88" | 7.95" | 9.57" |

- Adapter to transition from all brands of listed type-B Gas Vent to ALK Liner

Female B-Vent Adapter - RLA



| Model Number | Size | A | B |
|--------------|------|----|--------|
| 3RLA | 3" | 3" | 5 5/8" |
| 4RLA | 4" | 4" | 5 5/8" |
| 5RLA | 5" | 5" | 5 5/8" |
| 6RLA | 6" | 6" | 5 5/8" |
| 7RLA | 7" | 7" | 5 5/8" |
| 8RLA | 8" | 8" | 5 5/8" |

- Sold separately; not part of kit



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