



DirectVent® Pro 8x11

Unitized co-axial venting system for use with gas-fired direct vent appliances



DirectVent® Pro 8x11 Specifications

Applications

DirectVent Pro 8x11 is a unitized, coaxial venting system designed for use with direct vent gas-fired appliances.

Materials and Construction

8" Inner Wall: 0.016" 430 stainless steel

11" Outer Wall: 0.018" galvalume

Vertical and horizontal terminations are constructed of stainless steel.

Outer pipe brings combustion air to the appliance and the inner pipe exhausts flue gases to the outside. Gaskets or sealants are not required (unless specified by the appliance manufacturer).

Clearances

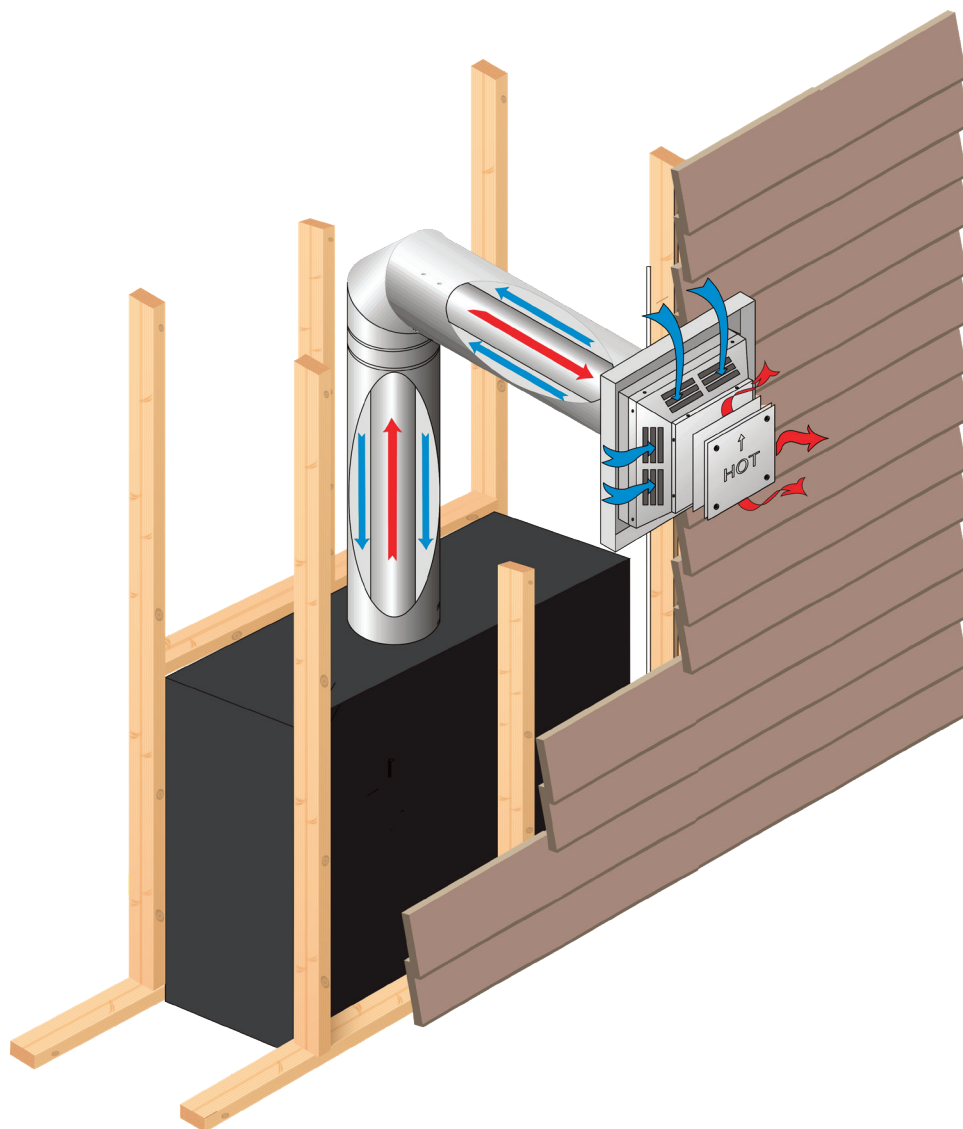
Specified by the appliance manufacturer.

Diameters

8" x 11".

Listings

DirectVent Pro 8x11 has been UL tested and listed to UL 2112 for use with ANSI Z21/CSA direct vent gas appliances certified by a major testing agency, such as UL, CSA, OMNI, Warnock Hersey (Intertek). Check with the appliance manufacturer for approval.



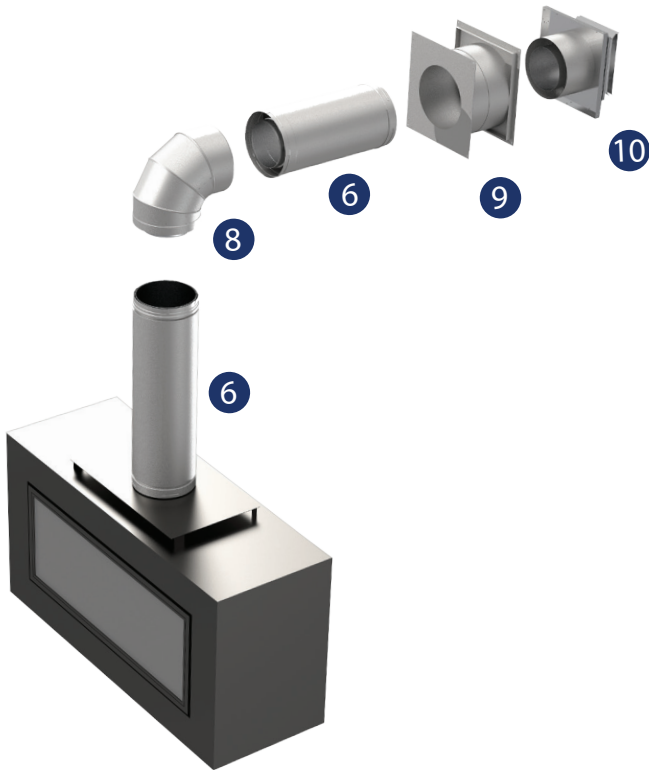
Typical Installations



Vertical 2-Story Installation

Installation Key			
1	Vertical Termination Cap	6	Pipe Length
2	Storm Collar	7	Support Plate
3	Roof Flashing	8	90° Elbow
4	Adjustable Attic Insulation Shield	9	Wall Thimble
5	Vertical Ceiling Firestop	10	Horizontal Termination Cap

• Refer to our Typical Venting Installation drawings to select the appropriate component parts for your installation.



Horizontal Installation

Planning Your Installation

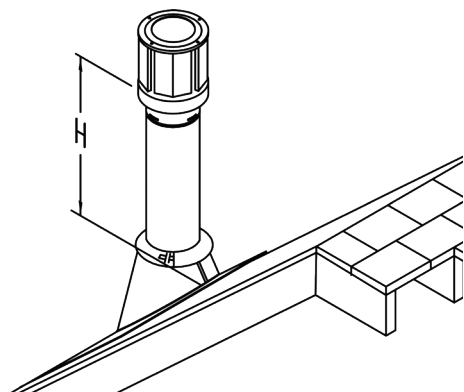
For Vertical Installations	
1	Calculate the distance between the top of the gas fireplace outlet and the ceiling, the ceiling thickness, the height of the attic or second floor, including sufficient vent height above the roof line.
2	Install a Support Plate at the first floor level, and a Vertical Firestop at each ceiling level. If an offset is required to avoid an obstruction, additional lengths and elbows (45° or 90°) will be needed. An Adjustable Attic Insulation Shield is required in the attic.
3	Measure the roof pitch. Select the proper flashing and storm collar. Determine the vent lengths required for the proper height above the roof line. Install the Vertical Termination Cap.

For Horizontal Installations	
1	Calculate the distances between the gas fireplace flue outlet and the wall, as well as the wall thickness and vertical rise.
2	To protect the vinyl siding, install the Vinyl Siding Standoff. Install the Horizontal Termination Cap. Check appliance manufacturer's instructions for the minimum rise and maximum horizontal run, as well as Wall Thimble and Horizontal Firestop requirements.

Design Recommendation

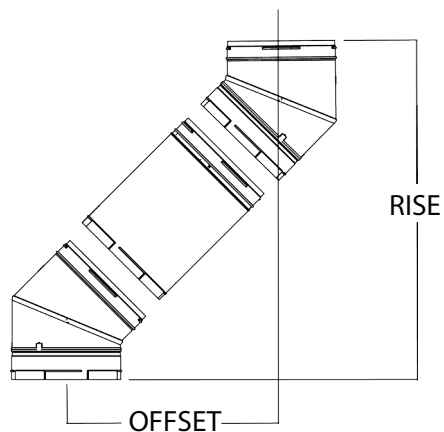
- The following design recommendations are general guidelines to assist in the design and selection of venting components for your installation. Follow DirectVent Pro 8x11 Installation Instructions when planning your venting system. Instructions are packaged with both the Vertical and Horizontal Terminations. You can also view the instructions on our website.
- Check the manufacturer's rating plate and instruction manual to confirm the DirectVent Pro 8x11 system is approved for use on the brand name appliance you have selected.
 - Check the appliance manufacturer's installation instructions to confirm all possible vent configurations (horizontal or vertical). Verify any venting restrictions such as maximum horizontal run, minimum and maximum vertical rise, and maximum offset.
 - Maintain at least the minimum clearances (air-space) between the vent pipe and nearby combustibles, as specified in the appliance manufacturer's installation instructions. Use proper support and bracing. Follow local building codes and have your venting system inspected.

Vent Termination Chart



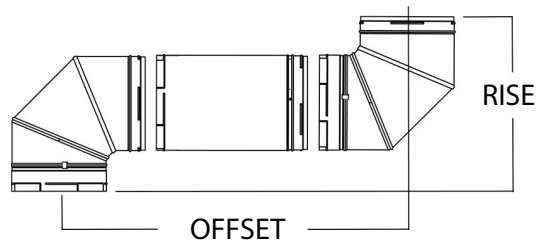
Roof Pitch	Minimum Height	
	Feet	Meters
Flat to 7/12	1	0.30
Over 7/12 to 8/12	1.5	0.46
Over 8/12 to 9/12	2	0.61
Over 9/12 to 10/12	2.5	0.76
Over 10/12 to 11/12	3.25	0.99
Over 11/12 to 12/12	4	1.22
Over 12/12 to 14/12	5	1.52

Offset Chart

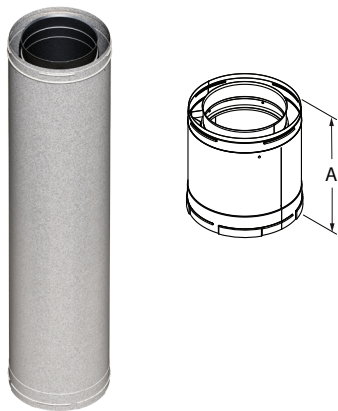


VENT LENGTH	45° ELBOW		90° ELBOW	
	OFFSET	RISE	OFFSET	RISE
Two Elbows Only	7-1/16"	18-15/16"	18-3/8"	20"
12" Length	14-3/16"	25-15/16"	28-5/16"	20"
18" Length	18-7/16"	30-3/16"	34-5/16"	20"
24" Length	22-5/8"	34-7/16"	40-5/16"	20"
36" Length	31-3/16"	42-15/16"	52-5/16"	20"
48" Length	39-5/8"	51-7/16"	64-5/16"	20"

Note: There is +/- tolerance in dimensions due to production variances. Check with the appliance manufacturer's installation instructions for permissible offset(s).



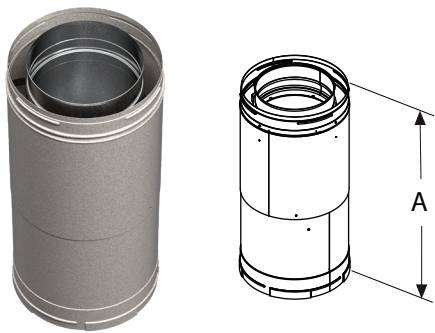
Pipe Length



Designed for appliances tested and approved for DirectVent Pro 8x11. The 8" x 11" features a fully unitized twist-lock construction. Use of sealant is optional, unless specified by the appliance manufacturer. To calculate installed length, subtract 1 5/8" for each joint.

SIZE	MODEL CODE	ORDER #	A
8" x 11"	811DVP-12	810018729	12"
8" x 11"	811DVP-18	810018730	18"
8" x 11"	811DVP-24	810018731	24"
8" x 11"	811DVP-36	810018732	36"
8" x 11"	811DVP-48	810018733	48"

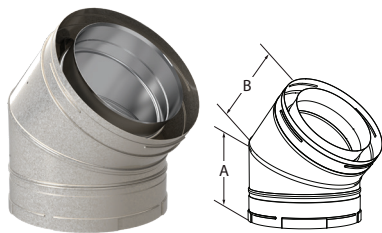
Adjustable Pipe



Use when an exact length must be met between elbow offset or elsewhere. The Adjustable Length is a 2 piece design with an adjustability of 7" (15" to 22").

SIZE	MODEL CODE	ORDER #	A
8" x 11"	811DVP-ADJ	810018736	15" to 22"

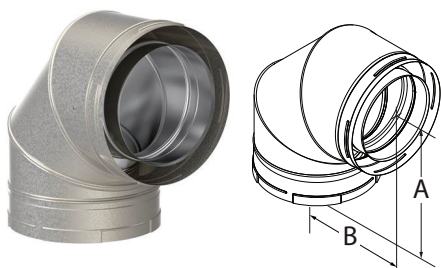
45° Elbow



Use to offset around obstructions as needed. Fully unitized, twist-lock construction. Elbow has a swivel base, allowing the lock to remain fully engaged while aligning to the desired direction. The angle will remain fixed at 45°.

SIZE	MODEL CODE	ORDER #	A	B
8" x 11"	811DVP-E45	810018734	6-1/8"	5-5/8"

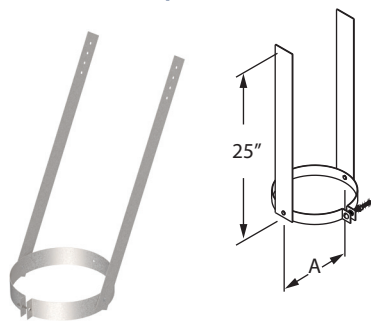
90° Elbow



Use to offset around obstructions as needed. Fully unitized, twist-lock construction. Elbows swivel, allowing the lock to remain fully engaged while aligning to the desired direction. The angle will remain fixed at 90°.

SIZE	MODEL CODE	ORDER #	A	B
8" x 11"	811DVP-E90	810018735	15-3/4"	15-1/4"

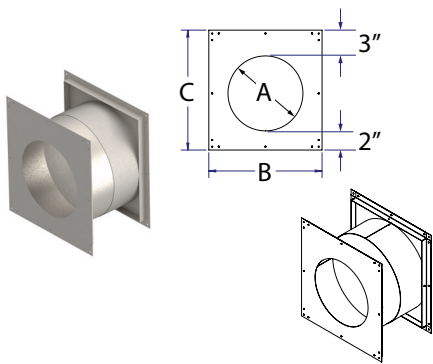
Elbow Strap



Use for supporting vent pipe between offsets at 4 feet intervals.

SIZE	MODEL CODE	ORDER #	A
8" x 11:	811DVP-ES	810018759	11"

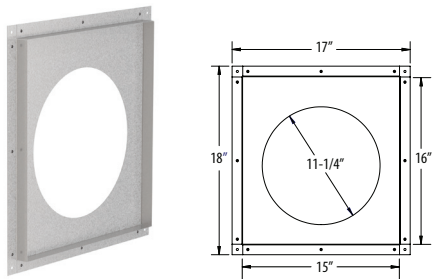
Wall Thimble



Provides a complete wall-pass through and firestop when used with the Horizontal Cap. Accommodates a wall thickness of 5-1/2" to 10-1/2". Provides a 3" clearance at the top and 2" clearance at the bottom and sides. Check with the appliance manufacturer's installation instructions and local codes for requirements.

SIZE	ORDER #	STOCK #	A	B	C
8" x 11"	811DVP-WT	810018742	11-1/4"	17"	18"

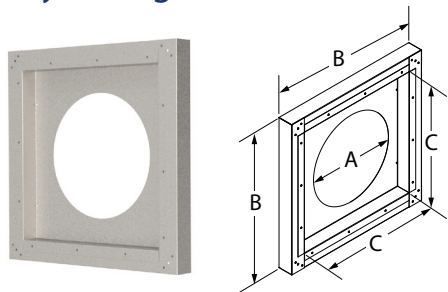
Horizontal Firestop (Wall)



For horizontal (through-wall) installations. Provides a 3" clearance at the top and 2" clearance at the bottom and sides. Refer to the appliance manufacturer's installation instructions for requirements.

SIZE	ORDER #	STOCK #
8" x 11"	811DVP-HFS	810018741

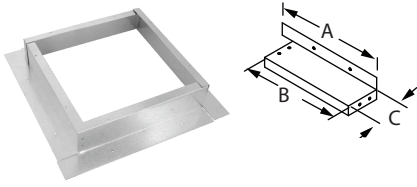
Vinyl Siding Standoff



Use with the Horizontal Cap as a heat shield to protect vinyl siding or other temperature sensitive materials. The one-piece design is constructed of stainless steel and can be used on any irregular surfaced siding such as ship lap or shake shingle siding.

SIZE	ORDER #	STOCK #	A	B	C
8" x 11"	811DVP-VS-SS	810018754	11-1/4"	19-1/2"	15-5/8"

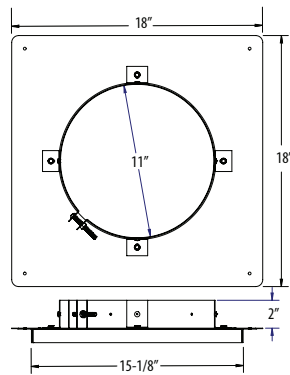
Vinyl Siding Standoff Kit



Use with the Horizontal Cap as a heat shield to protect vinyl siding or other temperature sensitive materials. The 4-piece kit is constructed of stainless steel and can be used on any irregular surfaced siding such as veneer brick, stucco, ship lap or shake shingle siding.

SIZE	ORDER #	STOCK #	A	B	C
8" x 11"	811DVP-VSK-SS	810018758	15 1/4"	13 1/4"	3"

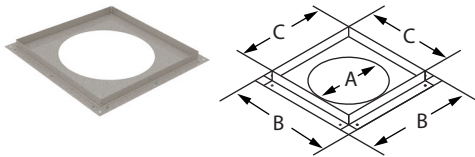
Support Plate



The Support Plate is used as the main support in a vertical installation. It is installed from above on the ceiling/floor joist when penetrating a flat ceiling. It will support up to 30 feet of vent. A Vertical Firestop must be installed at each ceiling level from below.

SIZE	ORDER #	STOCK #
8" x 11"	811DVP-SP	810018747

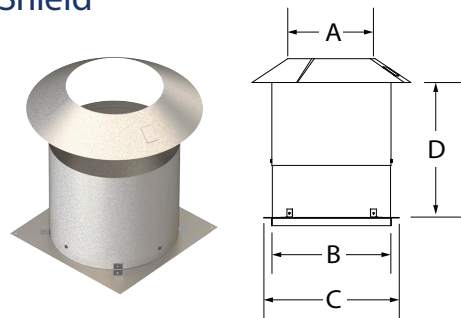
Vertical Firestop (Ceiling)



The Vertical Firestop is required at each ceiling the vent passes through.

SIZE	ORDER #	STOCK #	A	B	C
8" x 11"	811DVP-VFS	810018749	11-1/4"	17"	15"

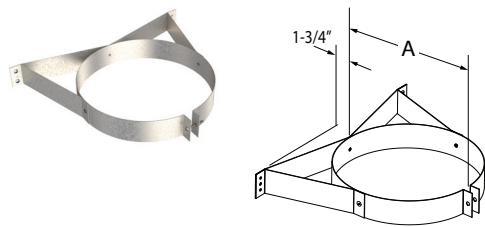
Adjustable Attic Insulation Shield



Required for installations that pass through an attic to prevent insulation and debris from accumulating near the vent. Includes base with overlapping shields and collar.

SIZE	ORDER #	STOCK #	A	B	C	D
8" x 11"	811DVP-AAIS	810018746	11"	15"	17"	11" to 20"

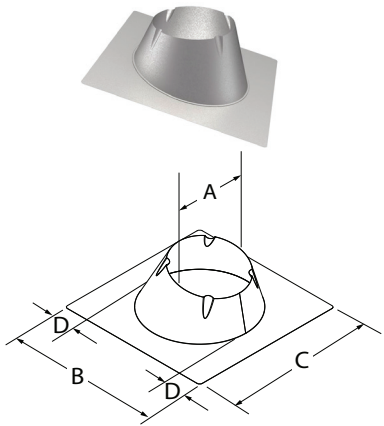
Wall Strap



Provides lateral support to vertical vent pipe. Must be installed at 4-foot intervals on vertical runs.

SIZE	ORDER #	STOCK #	A
8" x 11"	811DVP-WS	810018750	11"

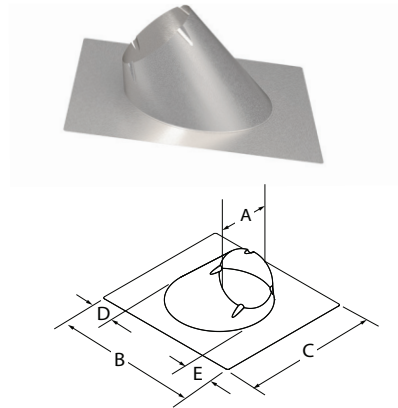
Adjustable Roof Flashing 0/12 - 6/12 Roof Pitch



Use to weather proof the penetration of vent pipe through the roof. Select roof flashing based on pitch of roof. For pitches of 0/12 - 6/12. Made of galvalume. Storm collar sold separately.

SIZE	ORDER #	STOCK #	A	B	C	D
8" x 11"	811DVP-F6	810018740	11"	26"	26"	4"

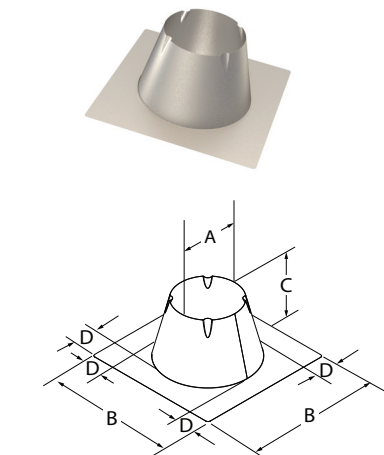
Adjustable Roof Flashing 7/12 - 12/12 Roof Pitch



Use to weather proof the penetration of vent pipe through the roof. Storm Collar sold separately. For roof pitches of 7/12 - 12/12. Made of galvalume.

SIZE	ORDER #	STOCK #	A	B	C	D	E
8" x 11"	811DVP-F12	810018743	11"	35-1/2"	32"	6"	7-3/8"

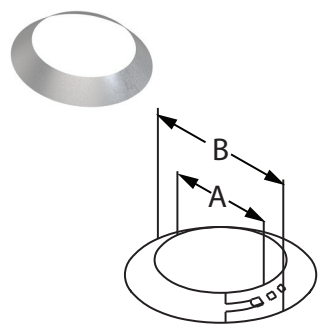
Flat Roof Flashing



Use to weather proof the penetration of vent pipe through the roof. Storm Collar sold separately. Use on flat roofs or chase enclosures. Made of galvalume.

SIZE	ORDER #	STOCK #	A	B	C	D
8" x 11"	811DVP-FF	810018762	11"	26"	12"	4-1/4"

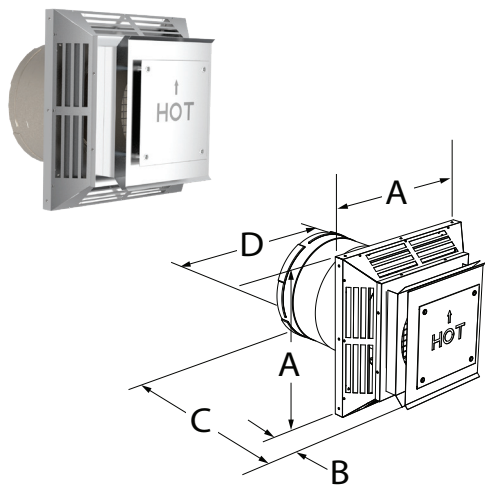
Storm Collar



Use to maintain a weather tight seal between the pipe and the flashing.

SIZE	ORDER #	STOCK #	A	B
8" x 11"	811DVP-SC	810018744	11"	15-1/4"

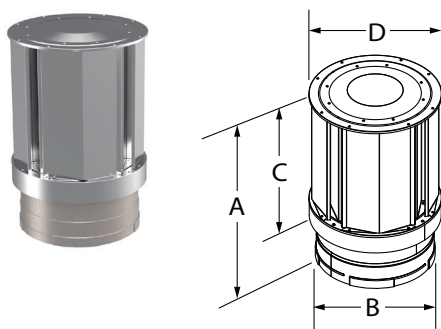
Horizontal Termination Cap



Use for standard and high-wind through-the-wall applications. Check the appliance manufacturer's installation instructions for minimum distance from windows and doors, and any other restrictions. Stainless Steel exterior construction. 2-piece adjustable design allows for up to 5-1/2" of adjustment.

SIZE	ORDER #	STOCK #	A	B	C	D
8" x 11"	811DVP-HC-SS	810018737	16"	7"	14-1/2"-20"	11-1/4"

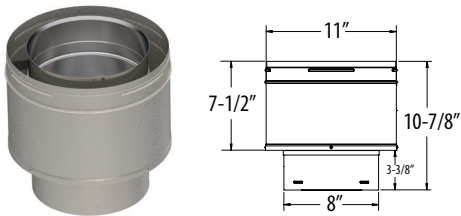
Vertical Termination Cap



Provides improved performance in high wind conditions. For vertical terminations only. Stainless steel construction.

SIZE	ORDER #	STOCK #	A	B	C	D
8" x 11"	811DVP-VC-SS	810018738	19"	11"	14-3/8"	12-1/2"

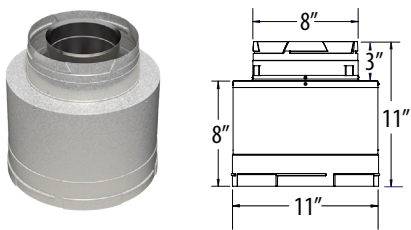
58DVA to 811DVP Adapter



Transitions from 58DVA to 811DVP pipe. Check for approval in the appliance manufacturer’s installation instructions.

MODEL CODE	ORDER #
811DVP-AD-58-811	8100018756

811DVP to 58DVA Adapter



Transitions from 811DVP to 58DVA pipe. Check for approval in the appliance manufacturer’s installation instructions.

MODEL CODE	ORDER #
811DVP-AD-811-58	8100018753



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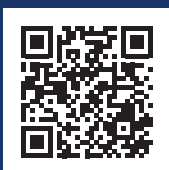


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