



# **ProfileVent**<sup>®</sup>

**THE RIDGE VENT CUT TO FIT**



**CUT TO FIT**

**STANDING SEAM**

**AND SCREW-DOWN**

**METAL PANELS**



**All Seasons  
Energy Savings**

**MIAMI-DADE COUNTY  
APPROVED**

MIAMI-DADE APPROVED NOA NO.: 07-0626.08

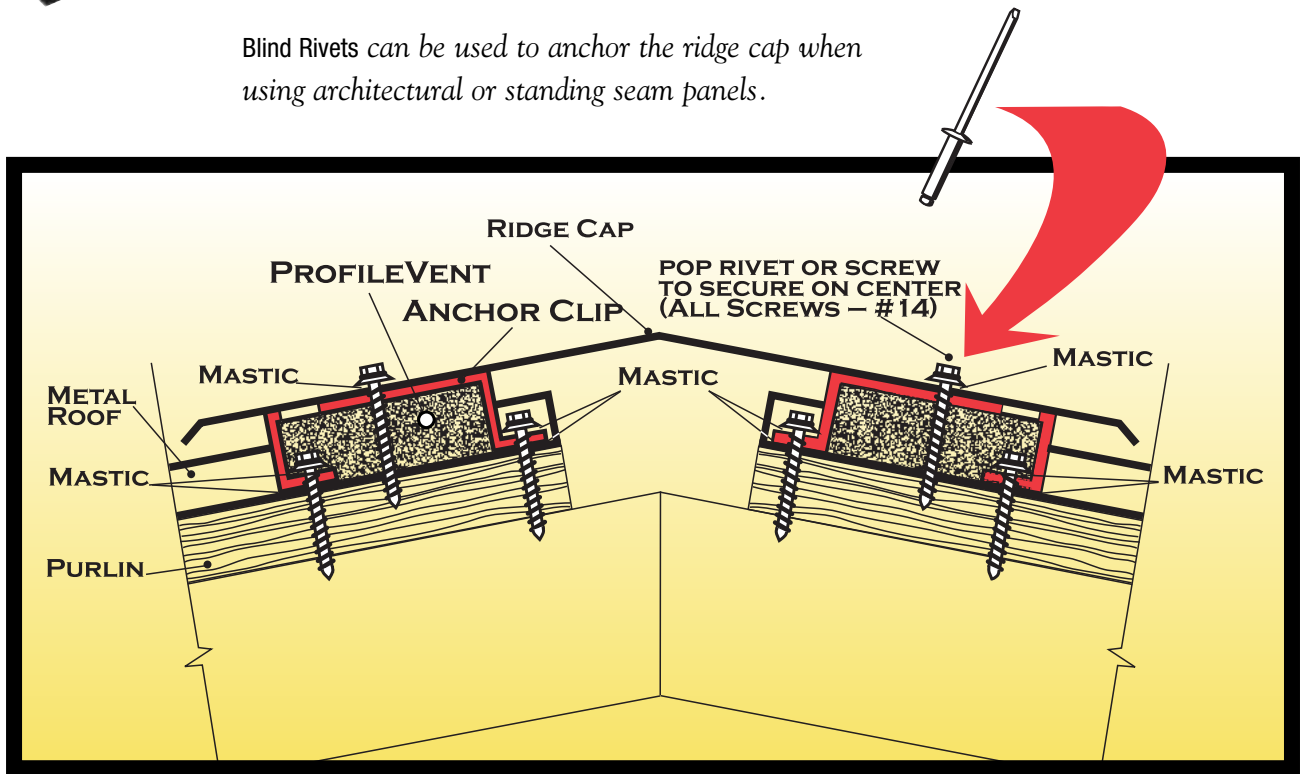
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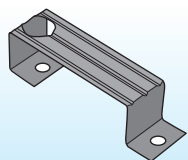
## OPTIONAL RIDGE CAP ANCHOR CLIP

We recommend using our anchor clip in high wind areas and on panels with major ribs 16" on center or greater.

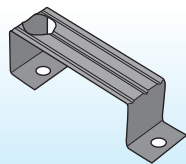
Blind Rivets can be used to anchor the ridge cap when using architectural or standing seam panels.



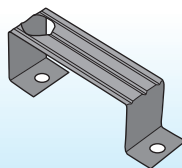
## RIDGE CAP ANCHOR CLIP SPECIFICATIONS



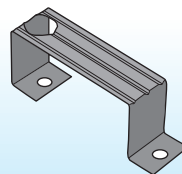
**80002**  
3/4"  
Anchor Clip



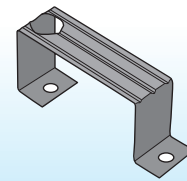
**80004**  
1"  
Anchor Clip



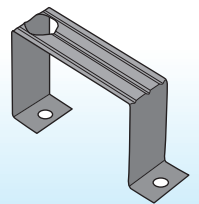
**80006**  
1 1/4"  
Anchor Clip



**80008**  
1 1/2"  
Anchor Clip



**80010**  
1 3/4"  
Anchor Clip



**80012**  
2 1/2"  
Anchor Clip

### PACKAGING:

• 25 clips per small box • 24 small boxes per master box • 600 clips per master box

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# CUSTOMIZED TO FIT ALMOST ANY METAL ROOF PROFILE OR PITCH

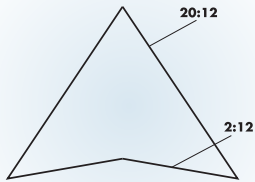
Built on proven technology since 1986, our specially designed equipment precisely cuts the panel profile into the surface. Working at optimum performance within varied roof pitches from 2:12 to 20:12, ProfileVent® is custom cut to fit the



individual panel profile.

ProfileVent's compatibility with a steep roof pitch makes it uniquely suitable for these applications, without sacrificing ventilation performance.

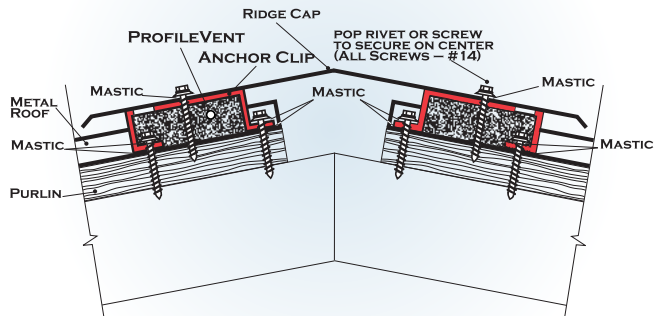
Maintain the ridge line appearance without the need to raise the ridge cap to accommodate the vent.



Designed for use on roof pitches from 2:12 to 20:12

## Matching The Profile For Commercial And Residential Roofs

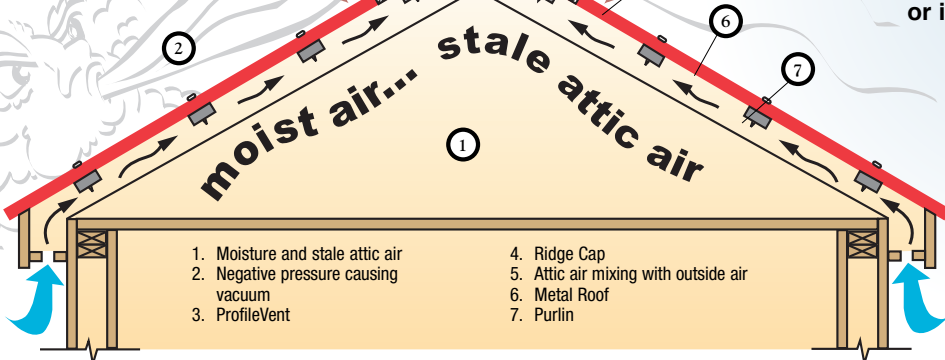
ProfileVent can be cut to match hundreds of panel profiles. Simply order ProfileVent to fit your selected metal roof. No special tools or 'end caps' are needed for installation. Just roll out ProfileVent along the ridge, then install the ridge cap in the normal manner.



This unique attic ventilation system is cut on proprietary equipment (Patents Pending) specifically designed to precisely cut to within 1/64 of an inch.

## How ProfileVent Works On Standing Seam & Screw-Down Metal Panels

ProfileVent is a unique attic ventilation system that has the metal roofing panel profile cut into the surface. With the added ease of roll-out installation, the low profile provides excellent curb appeal with a proven ventilation performance for the life of the roof.



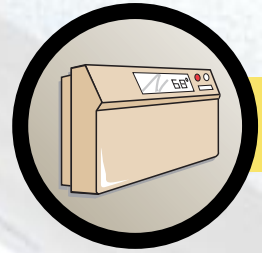
- |                                     |                                      |
|-------------------------------------|--------------------------------------|
| 1. Moisture and stale attic air     | 4. Ridge Cap                         |
| 2. Negative pressure causing vacuum | 5. Attic air mixing with outside air |
| 3. ProfileVent                      | 6. Metal Roof                        |
|                                     | 7. Purlin                            |

## ProfileVent...Preferred By Contractors

- 40 year limited warranty
- Glue spots prevent slipping during installation (most profiles)
- Fits under any ridge cap
- Fits any pitch 2:12-20:12
- One person roll-out installation
- Won't crack, dent or rust during shipping or installation
- Won't scratch panel finish
- Won't clog from airborne dust
- Prevents insect infiltration
- Prevents snow infiltration
- Provides proven roof ventilation
- Meets all model building codes
- Almost invisible from the curb
- Packaging in English, French and Spanish
- No waste – use leftovers on next job
- Will not support a flame
- Made in US
- Made from over 90% recycled fiber; over 30% post-consumer content

## BENEFITS OF A WELL-BALANCED VENTILATION SYSTEM

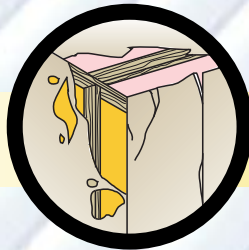
All building codes agree that proper attic ventilation and uniform airflow are crucial elements in the proper maintenance of your building. Attic temperatures can reach 150° without proper ventilation. This excessive heat can raise utility costs and causes severe damage to the building. ProfileVent® is the intelligent choice to meet your attic ventilation needs.



High heating and air conditioning costs



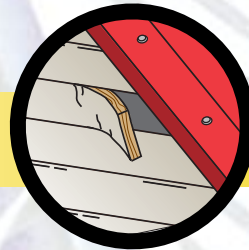
Year round energy waste from attic heat build-up and moisture-laden insulation



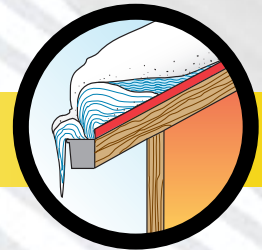
Mildew, wood rot and drywall damage inside the building



Moisture and uneven temperatures causing peeling of outside paint and wood surfacing



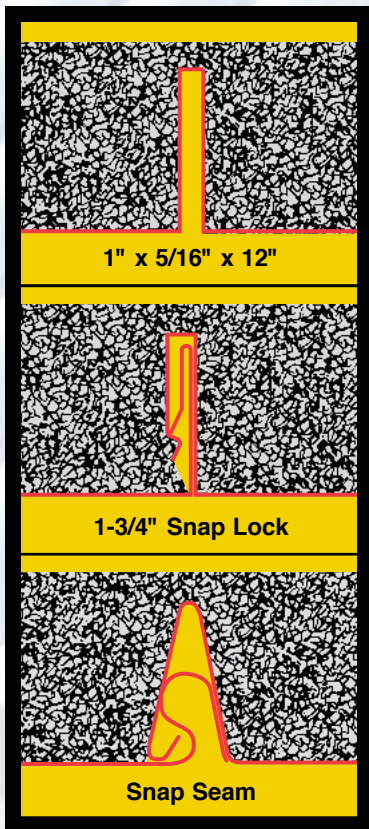
Sheathing and siding decay



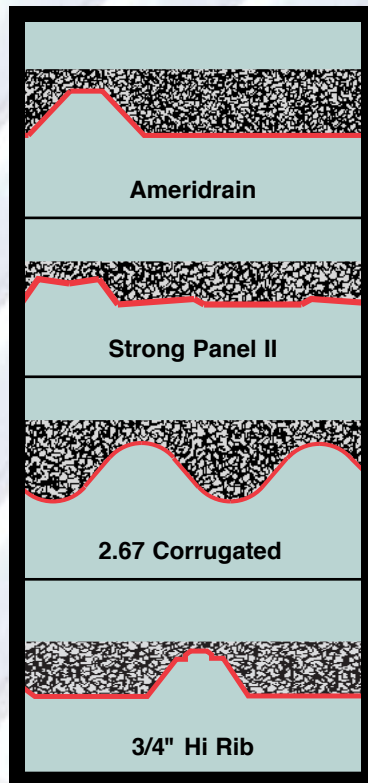
Improper attic ventilation causes snow melt under snow. When temperatures drop, melted snow freezes and backs up into roof seams

## NOW AVAILABLE IN OVER 40 PROFILES

Standing Seam\*\*



Screw-Down\*\*



\*Selected samples shown are not to scale.

### Ventilation Requirements

A properly balanced attic ventilation system is critical for the protection of your home or commercial building. Follow these simple guidelines below to determine how much ProfileVent is needed. Standard ventilation requirements; 1/300 net free area to attic floor, 50% net free area in soffits.

Even if the result exceeds minimum required, run ProfileVent from gable to gable for best

attic length =	ft.	(a)
attic width =	ft.	(b)
multiply: (a) x (b) =	ft. <sup>2</sup>	(c)
divide: (c) ÷ 300 =	ft. <sup>2</sup>	(d)
multiply: (d) x 144 =	in. <sup>2</sup>	(e)
divide: (e) ÷ 2 =	in. <sup>2</sup>	(f)

Min. length of ProfileVent required;

divide: (f) ÷ 17 =	min. ft.
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# PROFILEVENT® INSTALLATION INSTRUCTIONS



1. Allow a 2" opening at ridge for ventilation. ProfileVent is rolled out along the ridge, gable to gable. Install ProfileVent about 1/2" to 1" up-slope from the edge of the ridge cap. The positioning adhesive on most profiles will hold ProfileVent in position for easy installation.

2. ProfileVent can be cut with scissors or utility knife.

When splicing ProfileVent, make the splice at the center top of the high rib and use caulk or sealant along the splice (see inset).



3. Screw through ridge cap and top of each anchor clip. **Blind Rivets** can be used to anchor the ridge cap when using architectural or standing seam panels.

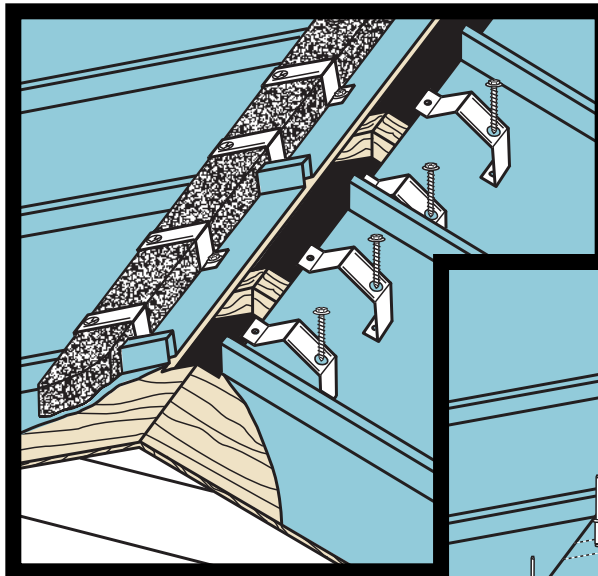


## New or Re-Roof on Purlin or Wood Deck Construction

Use a 2" opening at the ridge to provide ventilation. On new or re-roof wood deck construction, cut a 2" slot at the ridge (1" each side, start cut 6" from gable ends). On purlin construction position panels to leave a 2" opening.

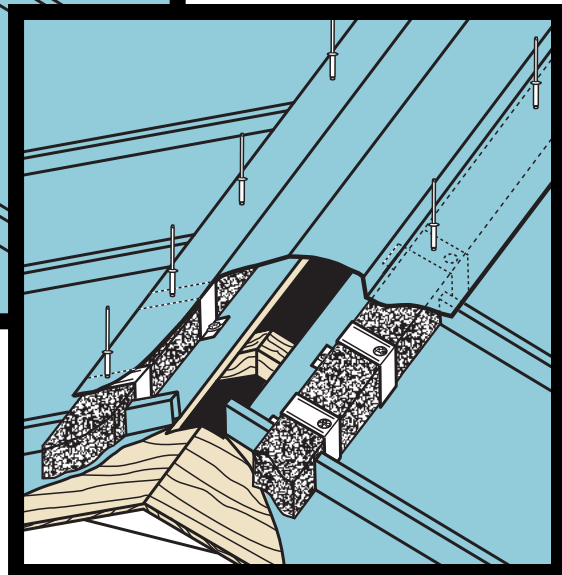
## RIDGE CAP ANCHOR CLIP INSTALLATION INSTRUCTIONS

1. Install your metal roofing panel according to manufacturer's instructions. Apply mastic above and below pre-drilled holes in the clip. Before installing ProfileVent, insert #14A screw through the large down-slope access hole in top of the Ridge Cap Anchor Clip.



2. Lift the back end of clip. Slip ProfileVent under the clip. Push clip back down and insert another #14A screw in the up-slope hole.

3. Screw through ridge cap and top of each anchor clip. Pop Rivets can be used to anchor the ridge cap when using architectural or standing seam panels.



# PROFILEVENT®

## TECHNICAL SPECIFICATIONS

### Specifications

#### PRODUCT DESCRIPTION

ProfileVent is a single layer ridge vent on a roll. It is strong, durable, modified polyester, non-woven, non-wicking, fiber based matting designed specifically for metal roofs.

#### COMPOSITION AND MATERIALS

UV stable, polyester composite.  
Made in USA.

#### SPECIFICATIONS

##### 20' Package—Covers 10 lin. ft. of Ridge

Length: 2 rolls, each 10 ft. (3.05 m)  
rolled with panel profile side out  
Width: 3.0 in. +/- .125  
Thickness: 1.0 in. nominal  
Weight: 9 lbs./100 linear ft. Color: Black

##### 50' Package—Covers 25 lin. ft. of Ridge

Length: 2 rolls, each 25 ft. (7.65 m)  
rolled with panel profile side out  
Width: 3.0 in. +/- .125  
Thickness: 1.0 in. nominal  
Weight: 9 lbs./100 linear ft. Color: Black

##### 100' Package—Covers 50 lin. ft. of Ridge

Length: 2 rolls, each 50 ft. (15.3 m)  
rolled with panel profile side out  
Width: 3.0 in. +/- .125  
Thickness: 1.0 in. nominal  
Weight: 9 lbs./100 linear ft. Color: Black

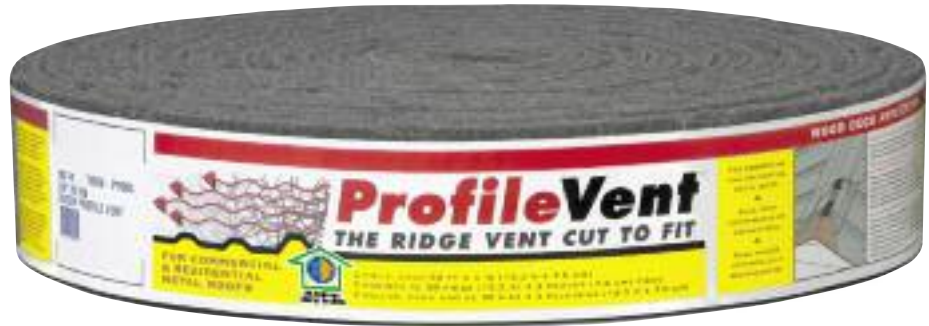
#### NET FREE AREA

Net free area is 10.96 sq. in. per lineal ft.  
As with other attic ventilation systems, ProfileVent must be installed with soffit vents to meet HVI recommendations. Air flow is unrestricted by any fabric covering.

#### MAINTENANCE

ProfileVent properly installed, is maintenance free.

### ProfileVent Is Available In Convenient Sizes



20' package covers 10 lin. feet of Ridge  
50' package covers 25 lin. feet of Ridge  
100' package covers 50 lin. feet of Ridge

### Test Results

	PROPERTY	TEST	RESULTS
PASSED	Net Free Area	1" nom. thickness	8.5 sq. in. per lin. ft. per slope (17 sq. in. per lin. ft. ridge)
PASSED	Air Permeability	ASTM D737	>>760 cu. ft. per minute
PASSED	Self-ignition Temperature	ASTM D1929	963° F
PASSED	Cold Crack	Loren C115	Resistance to >25° F
PASSED	Snow Infiltration	CRL 5704	-0-
PASSED	Tear Strength	ASTM D1294-86	Tear: Machine 25 p.p.i. Counter 25 p.p.i.
PASSED	Tensile Strength	ASTM D2261-83	Tensile: Machine 25 p.p.i. Counter 25 p.p.i.
PASSED	Attic Dust	ASTM D1739-98	No Clogging
PASSED	Dust Exposure	ICBO AC132	No Clogging
PASSED	Loren	Crush Test	Compression 13% Recover 98%
PASSED	UV Stable	Chamber Test	No change to color or materials
PASSED	Abrasion	ASTM D1175	No damage to panel surface
PASSED	110 mph Wind Driven Rain	Miami Dade County	PASSED

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THE RIDGE VENT CUT TO FIT



Manufactured by  
**Ventco**®

Made in USA • ProfileVent U.S. Pat. 5,561,953  
\*Anchor Clip U.S. Pat. 6418678 (other patents pending)  
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