METALLIC PRODUCTS
Built for More

FLORIDA PRODUCT APPROVED LOW PROFILE RIDGE VENTILATOR

Metallic Products' low profile ridge vents are aesthetically pleasing and an extremely efficient means of ventilating metal roofs. Each unit is manufactured in 10' lengths and can be installed as a single unit or butted together to form a continuous run. (End caps and splice kits shipped loose for field installation.) In continuous run applications, the splice kits provide the appearance of a single unit.

PRODUCT DESCRIPTION	SUB-FRAMING ATTACHMENT	SKIRT TYPE	FLORIDA APPROVAL NUMBER
FPA Low Profile Ridge Ventilator	24-Gauge Steel Min.	Flat or Die-Formed	12805.3
HVHZ Low Profile Ridge Ventilator	20-Gauge Steel Min.	Flat or Die-Formed	12805.4

Low Profile Ridge Vent

NOTE

Please specify flat or die formed skirts, roof pitch and color when ordering.

THROAT SIZE
(determined by roof pitch)

PITCH	THROAT SIZE
1:12	4-1/8"
2:12	4-1/8"
3:12	4-1/8"
4:12	4-1/8"
5:12	3-1/2"
6:12	2-7/8"
7:12	4 5/8"
8:12	4-1/8"
9:12	3-1/2"
10:12	3"
11:12	2-9/16"
12:12	2"

SPECIFICATIONS

STANDARD SIZE

Each 10' unit features 200 square inches of free area with a base rating of 611 CFM of air movement. Units in lengths less than 10' can be manufactured upon request. Throat size is determined by roof pitch.

DESIGN

Aerodynamic, low-profile design enhances the look and performance of architectural roof systems. The unit moves toward the ridge on floating roofs. Vents are made to match roof slope to maintain low-profile appearance.

CONSTRUCTION

Unit is factory assembled and ready for installation. Vent features the Cor-A-Vent®, a time-tested, economical, self-cleaning and durable ventilation core. All steel parts are 24-gauge.

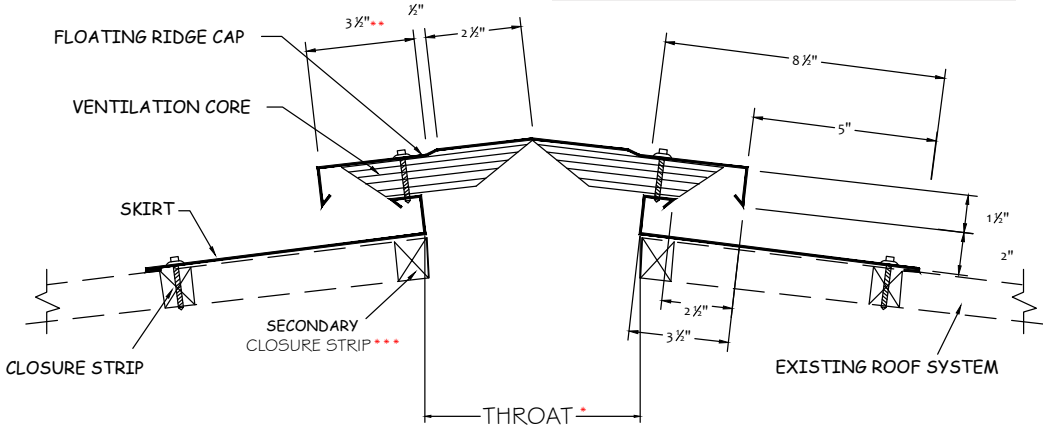
FINISH

Galvalume or Polar White finish is standard and other colors are available, including Kynar®.

** Throat varies with roof slope. (See table)*

*** This dimension changes to 5" on roof slopes 7:12 – 12:12.*

**** Secondary closure at ridge is recommended at each skirt splice in a continuous run.*



NOTE

Roof panel must extend to throat of vent for proper support and drainage.
End caps and splice kits (if necessary) are shipped loose for field installation.

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TECHNICAL SPECIFICATIONS

TABLE A

TEMPERATURE-HEIGHT FACTORS						
HEIGHT	TEMPERATURE DIFFERENCE					
	5°	10°	15°	20°	25°	30°
10'	16.65A	22.05A	26.10A	28.80A	31.50A	34.20A
15'	18.90A	27.00A	31.95A	36.00A	38.70A	41.40B
20'	23.85A	31.50A	36.45A	41.40A	44.50B	48.15B
25'	26.10A	34.65A	40.05A	45.00B	48.60B	53.10C
30'	28.35A	37.35A	43.65B	48.60B	52.65C	57.60C
35'	29.70A	39.15B	45.90B	51.30B	55.80C	60.75C
40'	31.50B	41.85B	48.60B	54.90C	58.50C	63.45C
45	33.30B	43.20B	50.40B	57.60C	62.10C	66.60C
50	34.65B	45.45B	53.10C	59.85C	64.80C	70.20D

TABLE B

WIND VELOCITY				
WIND (*mph*)	FACTORS			
	A	B	C	D
3	1.14	1.09	1.05	1.02
5	1.25	1.18	1.13	1.09
7	1.41	1.29	1.22	1.16
9	1.62	1.43	1.33	1.25
11	1.82	1.57	1.43	1.32

TOTAL CFM = (Table A) x (Table B) x Length

FLORIDA PRODUCT APPROVAL NOTES

- Building Envelope Components are Florida Statute required (FS 553.842) to have Florida Product Approvals
- Statewide Building Envelope Products are approved by the Florida Building Commission
- Florida Product Approvals of building envelope components/systems are certified to structural resistance properties in the Florida Building Code
- Metallic Products' ventilators are structurally tested by Florida approved testing laboratories to code standards and are also tested for impact resistance and related properties
- Metallic Products' evaluation reports contain wind resistance data that is certified and approved by the Florida Building Commission for use in demonstrating code compliance
- Metallic Products' product approvals are evaluated by a third-party Florida Professional Engineer who is registered with the Florida Building Commission
- Metallic Products' ventilators are manufactured under an audited production Quality Assurance (QA) program to ISO standard 17020 by an ANSI accredited agency