

## LOW PROFILE RIDGE VENTILATORS

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 can be butted together to form a continuous run. By lapping the furnished joint covers over the top of the butted joints in a continuous run, the vent has the appearance of a single unit.



▶ TDI APPROVED

ALSO AVAILABLE



*Metallic Products' low profile ridge ventilators are also available in Florida Approved specifications.*

### SPECIFICATIONS

#### STANDARD SIZE

Each 10' unit features 180 square inches of free area with a base rating of 450 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 looks 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<sup>®</sup>, 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<sup>®</sup>

#### NOTE

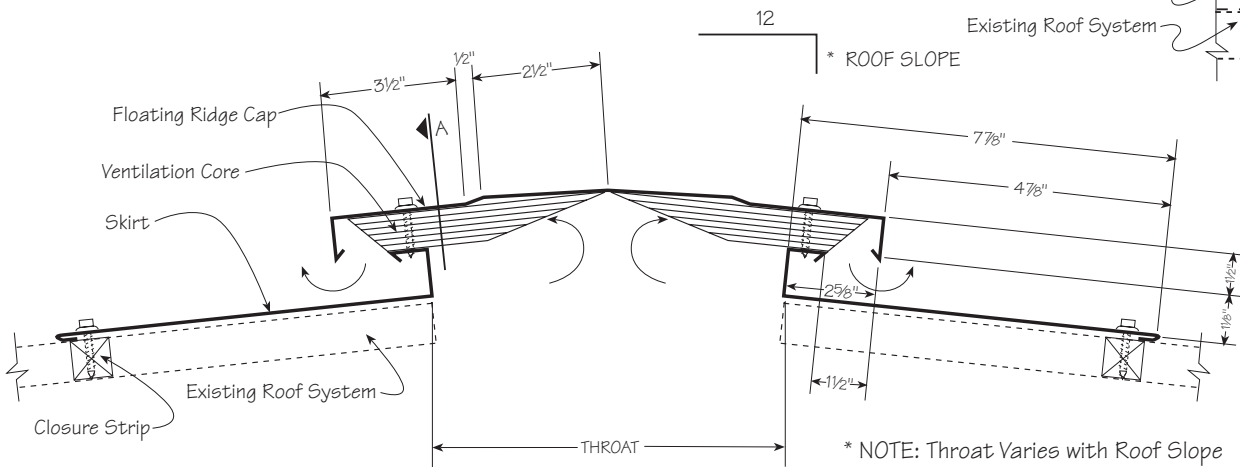
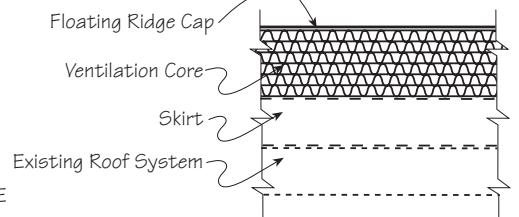
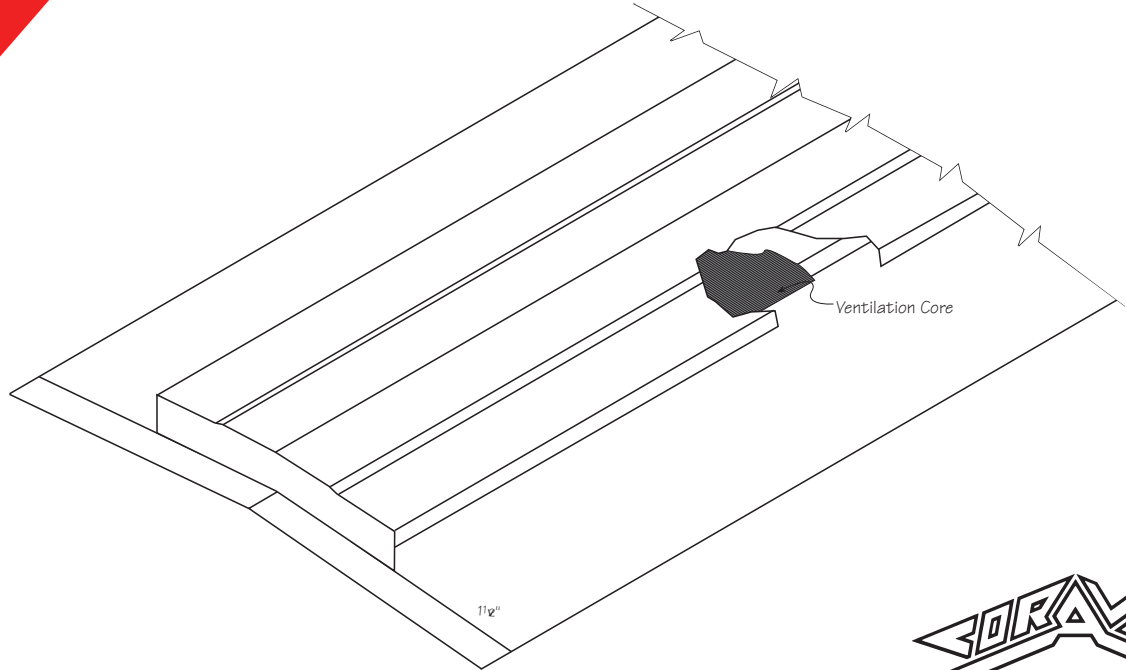
Please specify flat or die formed skirts, roof pitch and color when ordering.



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## TECHNICAL SPECIFICATIONS



### NOTE

Roof panel must extend to throat of vent for proper support and drainage.

## TECHNICAL SPECIFICATIONS

**TABLE A**  
Air Movement Per Lineal Foot Factors

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

**THROAT SIZE**  
(Determined by Roof Pitch)

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

**TABLE B**  
Wind Velocity Factors

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