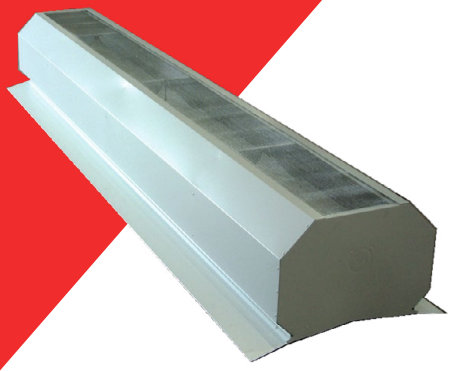
METALLIC PRODUCTS
Built for More

FLORIDA PRODUCT APPROVED CONTINUOUS RIDGE VENTILATOR



Continuous Ridge Ventilator

A properly engineered ventilation system using continuous ridge ventilators controls the movement of fresh air through the building, removing hot, stale air and air contaminated by manufacturing or production processes. Summer heat is released naturally through gravity ridge ventilators. Meanwhile, during winter, proper ventilation can help control condensation and other moisture problems such as rust, insulation deterioration and damage to stored products.

Pull chains are the standard operators for dampers. Multiple damper operators are available for two or more units.

Standard ridge ventilators are shipped with a 1:12 end cap and can be field modified to accommodate up to a 6:12 roof pitch. Ventilators can be custom ordered to accommodate roof pitches greater than 6:12.

PRODUCT DESCRIPTION	SUB-FRAMING ATTACHMENT	SKIRT TYPE	FLORIDA APPROVAL NUMBER
9" x 10' Ridge Ventilator	24-Gauge Steel Min.	Flat or Die-Formed	12805.1
12" x 10' Ridge Ventilator	24-Gauge Steel Min.	Flat or Die-Formed	12805.2

NOTE

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

SPECIFICATIONS

STANDARD SIZE

9" throat and 12" throat available in 10' sections and can be used for single unit or continuous run installation with no disassembly.

INTEGRAL DAMPERS

Easy-moving damper opens to any degree, from fully open to completely closed.

DESIGN

Aerodynamically proportioned to exclude weather. Protects air passages and full outlet area.

BIRD SCREEN

Vents are fully protected by bird screen mesh galvanized hardware cloth.

CONSTRUCTION

Durable 24-gauge exterior combined with internal components of 24-, 20- and 18-gauge die formed sheet metal and machined parts for long service life.

FINISH

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

DRAINAGE AREA

Continuous slot on bottom of both sides of windbands.

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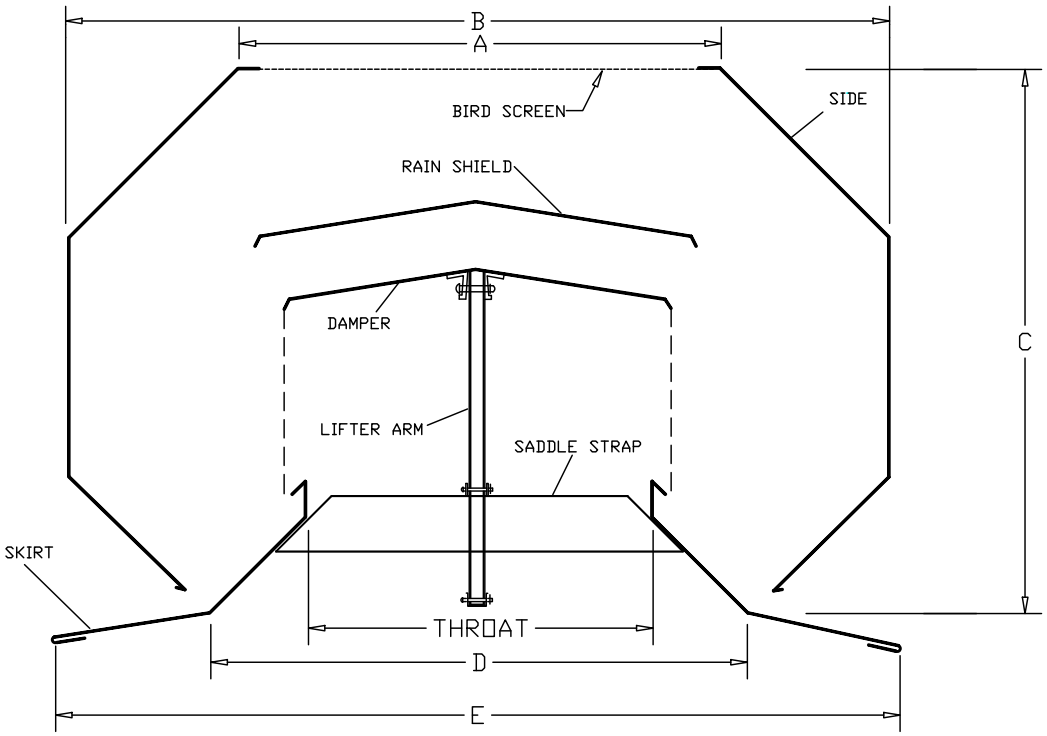
TECHNICAL SPECIFICATIONS



DIMENSIONS

THROAT*	A	B	C	D	E
9"	13"	21-1/4"	14-1/2"	16"	28-1/4"
12"	17"	28-1/2"	18"	20-3/4"	33"

**Other throat sizes available upon request.* These Florida Approved ridge vents were designed utilizing standard Metallic Products construction.

Roof panels must extend to "D" dimension for proper support and drainage.

SHIPPING WEIGHT

THROAT	STANDARD CRATED	PACKAGE SIZE *(L x W x H)*
9"	230 lbs.**	125" x 30-1/2" x 20"
12"	250 lbs.**	125" x 34-3/4" x 24"

***Approximate weight.*

CAPACITY

To determine capacity per unit, multiple "Base Rating" by "Temperature-Height Factor":
CFM = Base x Temperature-Height Factor.

Based on fresh air intake area 1-1/2 times ventilator throat area. Assumes 5 mph wind speed.

BASE RATINGS	
THROAT SIZE	C.F.M.
9"	2700
12"	3600

TEMPERATURE-HEIGHT FACTORS									
	TEMPERATURE DIFFERENCE								
HEIGHT	5°	10°	15°	20°	25°	30°	35°	40°	45°
10'	.37	.49	.58	.64	.70	.76	.81	.86	.95
15'	.42	.60	.71	.80	.86	.92	.99	1.05	1.09
20'	.53	.70	.81	.92	.99	1.07	1.14	1.22	1.26
25'	.58	.77	.89	1.00	1.08	1.18	1.25	1.33	1.36
30'	.63	.83	.97	1.08	1.17	1.28	1.36	1.45	1.50
35'	.66	.87	1.02	1.14	1.24	1.35	1.44	1.51	1.58
40'	.70	.93	1.08	1.22	1.30	1.41	1.50	1.61	1.68
45'	.74	.96	1.12	1.28	1.38	1.48	1.59	1.68	1.75
50'	.77	1.01	1.18	1.33	1.44	1.56	1.67	1.75	1.83
55'	.80	1.06	1.23	1.39	1.50	1.64	1.72	1.83	1.92
60'	.83	1.09	1.28	1.44	1.55	1.69	1.79	1.90	2.00
65'	.85	1.12	1.32	1.48	1.61	1.74	1.85	1.97	2.06
70'	.88	1.17	1.36	1.53	1.67	1.79	1.89	2.02	2.11
75'	.90	1.19	1.39	1.57	1.69	1.83	1.96	2.06	2.17
80'	.93	1.22	1.42	1.61	1.72	1.86	2.00	2.11	2.20

Height = Vertical rise from inlets near floor to ventilator
Temperature = Estimated temperature difference between middle of air intake near the floor and ventilator with dampers open