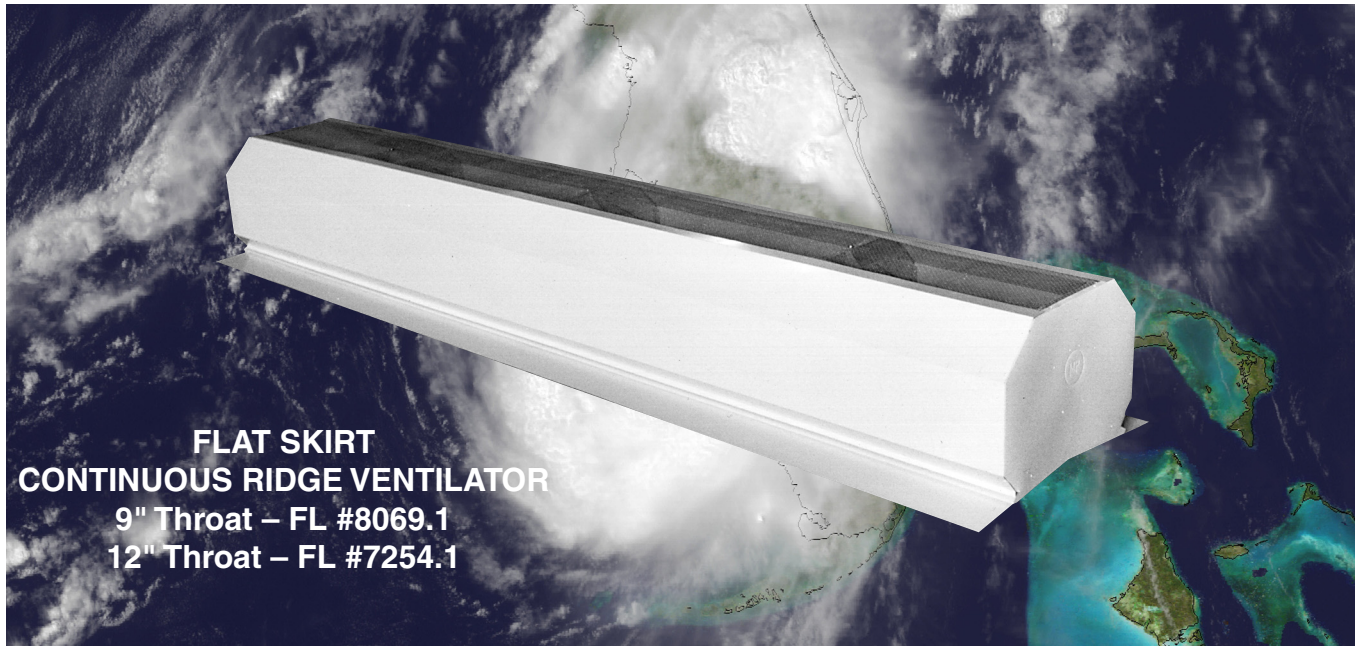




## FLORIDA APPROVED CONTINUOUS VENTILATORS



**FLAT SKIRT  
CONTINUOUS RIDGE VENTILATOR**  
9" Throat – FL #8069.1  
12" Throat – FL #7254.1

Performance testing was conducted by Architectural Testing Inc. on the Flat Skirt Continuous Ridge Ventilator (ATI 60793.01-801-44 R1).

**Test Methods:** The test specimen was evaluated in accordance with the following:

ASTM E 330-97e1, *Test Method for Structural Performance of Exterior Windows, Walls, Curtain Walls and Doors by Uniform Static Air Pressure Difference*

ASTM E 1886-02, *Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors and Storm Shutters Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials. (Impact test only.)*

The following definitions are assumed for evaluating the results of the design wind pressure analyses:

### Florida Building Code 2004 – Building

**Exposure C.** Means, except in the high-velocity hurricane zone, that area which lies within 1,500 feet (46 m) of the coastal construction control line, or within 1,500 feet (46 m) of the mean tide line, whichever is less. On barrier islands, exposure category C shall be applicable in the coastal building zone set forth in Section 161.55(4), Florida statutes.

### 2003 International Building Code, Florida Building Code 2004 – Building and ASCE 7-02

**Exposure B.** Urban and Suburban areas, wooded areas or other terrain with numerous closely spaced obstructions having the size of single-family dwellings or larger. Exposure B shall be assumed unless the site meets the definition of another type of exposure.

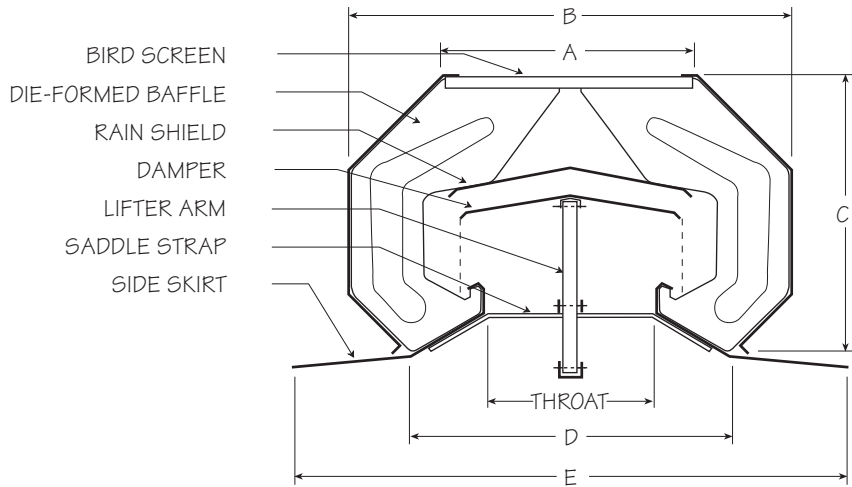
**Exposure C.** Open terrain with scattered obstructions, including surface undulations or other irregularities, having heights generally less than 30 feet (9144 mm) extending more than 1,500 feet (457.2 mm) from the building site in any quadrant. This exposure shall also apply to any building located within Exposure B-type terrain where the building is directly adjacent to open areas of Exposure C-type terrain in any quadrant for a distance of more than 600 feet (182.9 m). This category includes flat open country, grasslands and shorelines in hurricane-prone regions.

**Enclosed Building.** A building that does not comply with the requirements for open or partially enclosed buildings.

**Mean Roof Height.** The average of the roof eave height and the height to the highest point on the roof surface, except that eave height shall be used for roof angle of less than or equal to 10 degrees (0.1745 rad).

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## DIMENSIONS AND TECHNICAL DATA



DIMENSIONS (In Inches)						
Throat	FL #	A	B	C	D	E
9	8069.1	13	21¼	14½	18	28¼
12	7254.1	17	28½	18	22	33

These Florida Approved Ridge Vents were designed utilizing standard construction. 24 gauge steel, reinforced bracing and additional fasteners were added to achieve Florida Approval.

Roof Slope	Exposure Category	Roof Height (ft)	Design Pressure (psf)	Basic Wind Speed (mph)
≤ 10°	B	30	-35.3	140
	B	60	-37.1	130
	C	15	-36.8	130
	C	30	-36.3	120
	C	60	-35.3	110
>10° ≤ 30°	B	30	-34.8	100
	B	60	-34.4	90
	C	15	-34.1	90
	C	30	-35.1	85
>30° ≤ 45°	B	30	-35.6	130
	B	60	-37.0	120
	C	15	-36.7	120
	C	30	-35.7	110
	C	60	-34.2	100

Flat Skirt Continuous Ridge Ventilator (DP = -37.5 psf) Size Tested - 12"

**Notes:**

1. In all cases, buildings using these products are assumed "Enclosed Buildings"
2. Products shall not be used in State of Florida High Velocity Hurricane Zones
3. Consult with building manufacturer for proper installation
4. Reported values are for uplift and negative loads
5. A Factor of Safety of 2.0 has been applied to static load test results
6. Reported Basic Wind Speeds are for 3-second gust condition

Refer to Data Sheet CV-01.4 / Rev. 9-99 "Table of Capacities for Continuous Ventilators" for CFM performances.

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