

# AFG601

## Wind-Driven Rain FEMA Louver

### Finally, an all-in-one wind-driven rain FEMA louver that acts like one.

Select competitors offer FEMA 361 louvers with certified wind-driven performance. However, none of them offer exceptional wind-driven rain performance. Our newly developed AFG601 is ideally suited for FEMA tornado safe rooms and storm shelters. The AFG601 has superior free area and AMCA 500-L Wind-Driven Rain performance to competitor-like products while also being the only product in its class to have the AMCA 550 High-Velocity Wind-Driven Rain Listing, making it suitable for tornado safe room and storm shelter applications in the Hurricane-Prone Region or any location where maximum protection against wind-driven rain is preferred.



*AFG601 is patent pending.*

#### **Rear Vertical Rain-Resistant Blades**

Vertical rear blades yield high ventilation rates while providing unsurpassed weather prevention. AMCA seal for Wind-Driven Rain and AMCA 550 Listed

#### **Front Horizontal Chevron Blades**

Heavy-gauge extruded aluminum providing protection from the impact of a 15 lb. 2x4 traveling at 100 mph

#### **Single Frame**

Fully aluminum construction within a 6-inch depth single jamb



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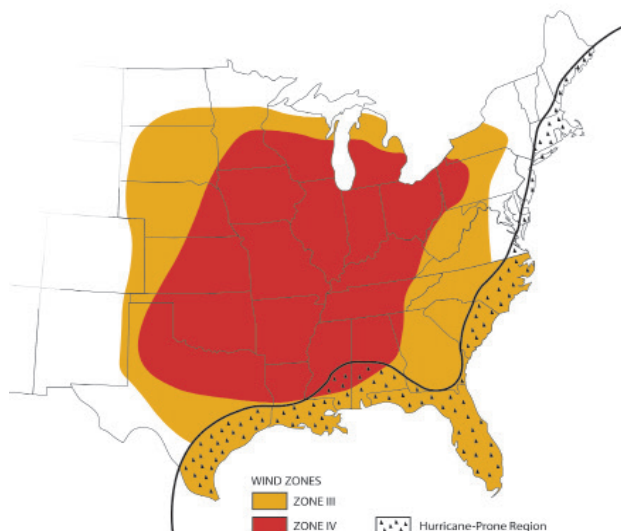
## All-In-One: Wind-Driven Rain FEMA Louver

The wind-driven rain performance is far superior to any current competitor. Other manufacturers only maintain Class A AMCA 500-L Wind-Driven Rain performance at low intake air velocities during the 29 mph/3 in. rain/hr test whereas our AFG601 boasts Class A AMCA 500-L Wind-Driven Rain performance at the maximum velocities allowable both at the 29 mph/3 in. rain/hr and 50 mph/8 in. rain/hr tests. If that's not enough, our AFG601 also passes the most stringent AMCA 550 High-Velocity Wind-Driven Rain test.

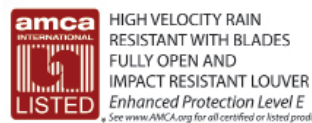
	Airolite AFG601	Brand X	Brand Y
ICC-500	✓	✓	✓
Max Wind Load	350 PSF	300 PSF	300 PSF
AMCA 500-L Certified (Air, Water, WDR)	✓	✓	✓
Free Area (4'x4')	6.97 sq. ft.	4.37 sq. ft.	6.1 sq. ft.
BPWP (AMCA 500-L)	1250 fpm	1250 fpm	1250 fpm
Max Core Velocity @ Class A WDR-29/3 (AMCA 500-L)	5.0 m/s	2.4 m/s	2.0 m/s
Max Core Velocity @ Class A WDR-50/8 (AMCA 500-L)	5.0 m/s	✗	✗
AMCA 550 (AMCA 512 Listed)	✓	✗	✗
AMCA 540-Enhanced/E (AMCA 512 Listed)	✓	✗	✗

## Common Applications

The wind zone risk level map helps identify when a tornado safe room or storm shelter is recommended using FEMA 361 louvers.



Wind Zone: III and IV	
Risk	High
Guidance	Safe room is the preferred method of protection from extreme winds.
Wind Zone: Hurricane-Prone Region	
Risk	High
Guidance	Safe room is the preferred method of protection from extreme winds. FEMA recommends that all potential safe room occupants comply with local jurisdictional directions and evacuation orders during an emergency event, even if they have constructed a safe room.



This label does not signify AMCA airflow performance contribution.

