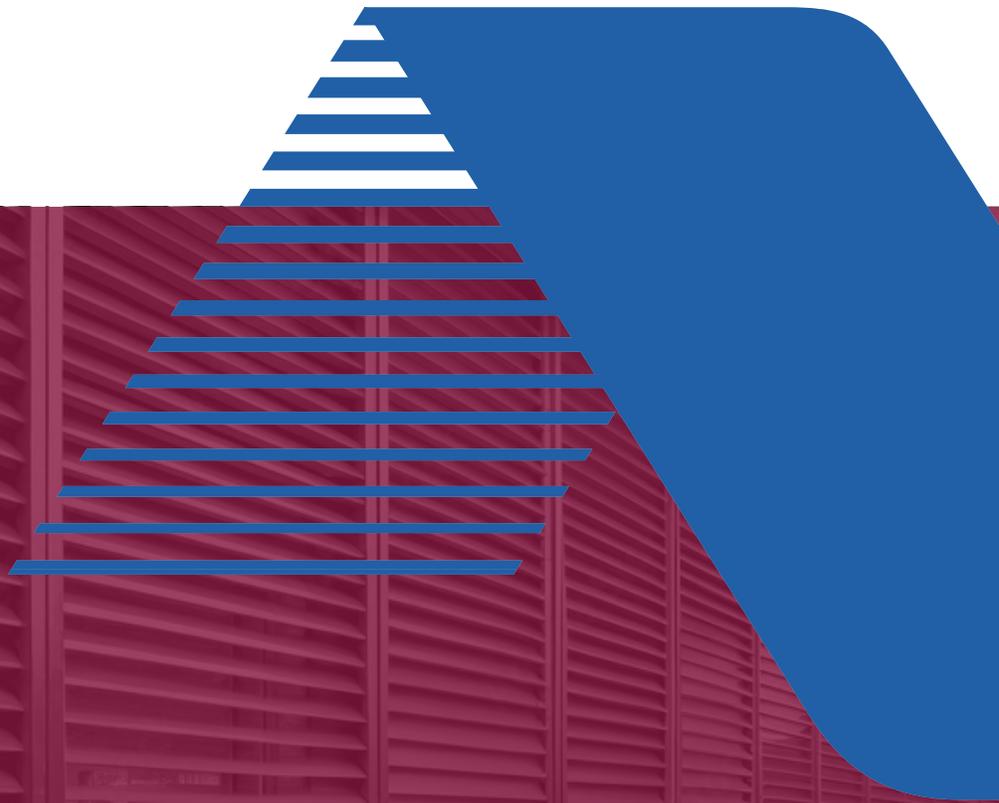




Stormproof Louvers

**HIGH-PERFORMANCE LOUVERS
FOR DEMANDING ENVIRONMENTS**



Made in North America

www.airvector-hvac.com

Stormproof Louvers

The Airvector® **LAX2 Series Stormproof Louvers** combine sleek architectural design with robust protection against water penetration and harsh weather conditions. Engineered from extruded aluminum, the **LA12** (1" deep), **LA22** (2" deep), **LA42** (4" deep), and **LA62** (6" deep) models offer optimal airflow performance while withstanding challenging environmental exposures. Designed to meet a wide range of commercial, industrial, and institutional applications, the LAX2 Series offers proven water penetration resistance and optimized air performance.



GENERAL FEATURES

- **STORMPROOF BLADE DESIGN:** deflects water and airborne debris to maintain dry airflow.
- **EXTRUDED ALUMINUM CONSTRUCTION:** lightweight, corrosion-resistant and durable.
- **MULTIPLE DEPTH OPTIONS:** available in 1", 2", 4", or 6" depths to suit space and performance constraints.
- **MOUNTING FLEXIBILITY:** Channel frame for duct mount or flange frame for wall/flange mount installations.
- **ARCHITECTURAL INTEGRATION:** clean lines and customizable sizes to integrate into any façade.

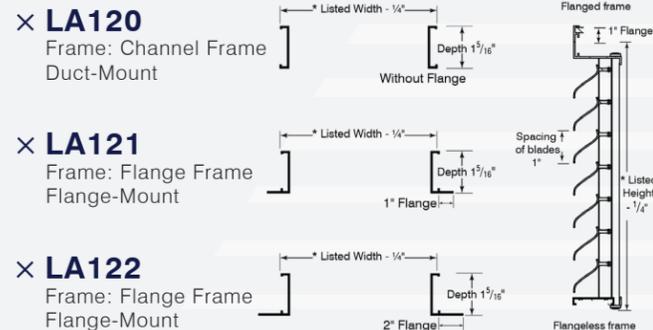
Whether mounted with a **channel frame (duct-mount)** or **flange frame (flange-mount)**, Airvector louvers provide a flexible and high-performing solution for air intake and exhaust with a clean, architectural finish.

LA12 - 1" STORMPROOF LOUVER

Compact 1-inch deep profile, suitable for installations with limited depth or reduced louver height applications without compromising water resistance.

Standard Construction

Material	Extruded Aluminum - 6063 - T5 Alloy.
Frame thickness	0.045" (1.14 mm).
Blade thickness	0.045" (1.14 mm).
Blade angle	45°.
Blade spacing	1" (25 mm).
Depth	15/16" (24 mm).
Finish	Mill.



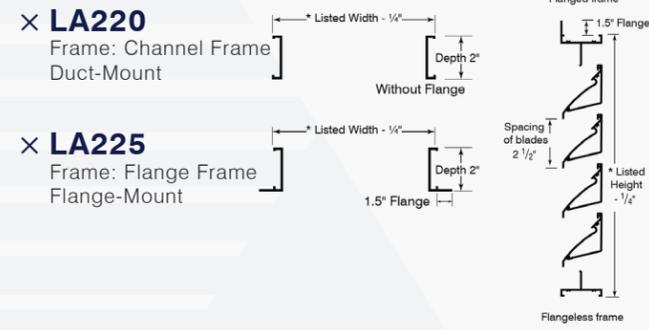
ONE-PIECE LOUVER DIMENSIONS		
	Minimum	Maximum
Area	0.67 ft ² (0.06 m ²)	36 ft ² (3.34 m ²)
Width	10" (254 mm)	72" (1829 mm)
Height	6" (152 mm)	72" (1829 mm)

LA22 - 2" STORMPROOF LOUVER

Compact 2-inch deep profile, ideal for limited depth spaces or reduced louver height applications without compromising water resistance.

Standard Construction

Material	Extruded Aluminum - 6063 - T5 Alloy.
Frame thickness	0.062" (1.57 mm).
Blade thickness	0.062" (1.57 mm).
Blade angle	45°.
Blade spacing	2.5" (64 mm).
Depth	2" (51 mm).
Finish	Mill.



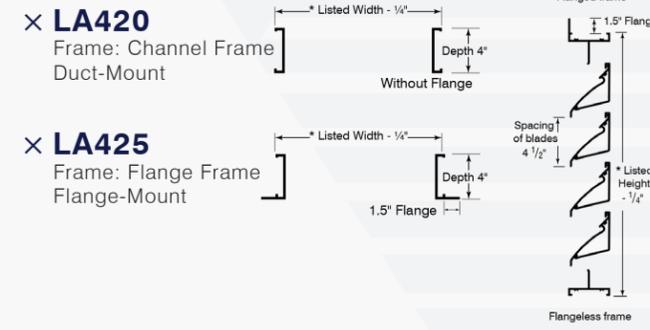
ONE-PIECE LOUVER DIMENSIONS		
	Minimum	Maximum
Area	0.67 ft ² (0.06 m ²)	36 ft ² (3.34 m ²)
Width	12" (305 mm)	72" (1829 mm)
Height	8" (203 mm)	72" (1829 mm)

LA42 - 4" STORMPROOF LOUVER

Versatile 4-inch deep model with enhanced free area – offering up to 30% more than conventional blade designs – suitable for a wide variety of installations including custom geometric shapes.

Standard Construction

Material	Extruded Aluminum - 6063 - T5 Alloy.
Frame thickness	0.062" (1.57 mm).
Blade thickness	0.062" (1.57 mm).
Blade angle	45°.
Blade spacing	4.5" (114 mm).
Depth	4" (102 mm).
Finish	Mill.



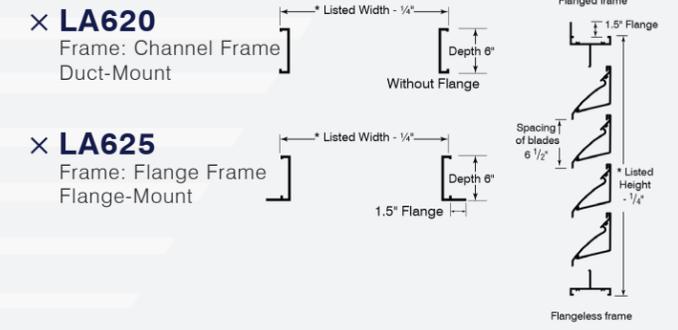
ONE-PIECE LOUVER DIMENSIONS		
	Minimum	Maximum
Area	0.67 ft ² (0.06 m ²)	36 ft ² (3.34 m ²)
Width	12" (305 mm)	120" (3048 mm)
Height	12" (203 mm)	120" (3048 mm)

LA62 - 6" STORMPROOF LOUVER

Heavy-duty 6-inch deep louver designed for maximum water protection and airflow across larger spans, perfect for high-exposure or large-scale building facades.

Standard Construction

Material	Extruded Aluminum - 6063 - T5 Alloy.
Frame thickness	0.062" (1.57 mm).
Blade thickness	0.062" (1.57 mm).
Blade angle	45°.
Blade spacing	6.5" (165 mm).
Depth	6" (152 mm).
Finish	Mill.



ONE-PIECE LOUVER DIMENSIONS		
	Minimum	Maximum
Area	0.67 ft ² (0.06 m ²)	36 ft ² (3.34 m ²)
Width	12" (305 mm)	120" (3048 mm)
Height	16" (406 mm)	120" (3048 mm)

* Louver dimensions are undercut 1/4" (6.4 mm) for single sections and undercut 1/2" (12.7 mm) for multiple sections unless otherwise specified.

OPTIONS FOR ALL MODELS

Screen options

- × **-DS** 19 Ga Birdscreen - 1/2" x 1/2" Openings (Default)
- × **-DSA** 14 Ga Inter Crimped Aluminum Birdscreen - 1/2" x 1/2"
- × **-DSF** Aluminum Birdscreen With 1" Frame
- × **-IS** Insect Screen (18 x 14 Mesh)

Blank-off Panels (Aluminum)

- × **-BP0** Blank-off Panel (Non-Insulated)
- × **-BP1** 1" Blank-off Panel (25.4 mm) (Insulated)
- × **-BP2** 2" Blank-off Panel (50.8 mm)

Filter Holder Options

- × **-F1** Filter Holder 1" Deep
- × **-F2** Filter Holder 2" Deep

Other Options

- × **-ES** Extended Sills 14 Ga Aluminum
- × **-SG** Security Grilles
- × **-NS** Welded Construction (no screws)
- × **-HM** Hidden Mullions

Finish

- × **/M** Mill finish (default)
- × **/DR** Duranar Finish
- × **/DN** Duracron Finish
- × **/C#** (# = A,B,C, or D see RAL Chart)
- × **/CL** Custom Baked Enamel Liquid Paint Match
- × **/CP** Custom Powder Paint Match
- × **/A** Clear Anodized
- × **/AL** Light Bronze Anodized
- × **/AM** Medium Bronze Anodized
- × **/AD** Dark Bronze Anodized
- × **/AB** Black Anodized

30 *Years Growing Together*



About Us

Founded in 1996 through the acquisition of Airvector, Thermolec's air distribution product line, Alfa Mega Inc. builds on a strong North American legacy established in 1987. Designed and manufactured to high standards of quality and performance, Airvector products are specified today in some of the most prominent buildings across North America.

Our mission, then and now: to deliver reliable, well-designed and accessible air distribution solutions – grilles, registers, diffusers, louvers and access panels – backed by fast lead times and service that meets the expectations of today's HVAC professionals.

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