



Architectural Louvers



AIROLITE
The look that works.™

Fulfilling vision. Getting it right.

Reputation

Since 1919, Airolite® has been an industry benchmark, demonstrating best-in-class product design, performance and reliability. First associated with the design and manufacture of practical metal louver door panels, the Airolite brand has flourished into a premier portfolio of exterior architectural products. Today, the Airolite brand proudly represents the highest quality and most attractive architectural louvers, grilles, louver screens and sun controls.

Quality Products

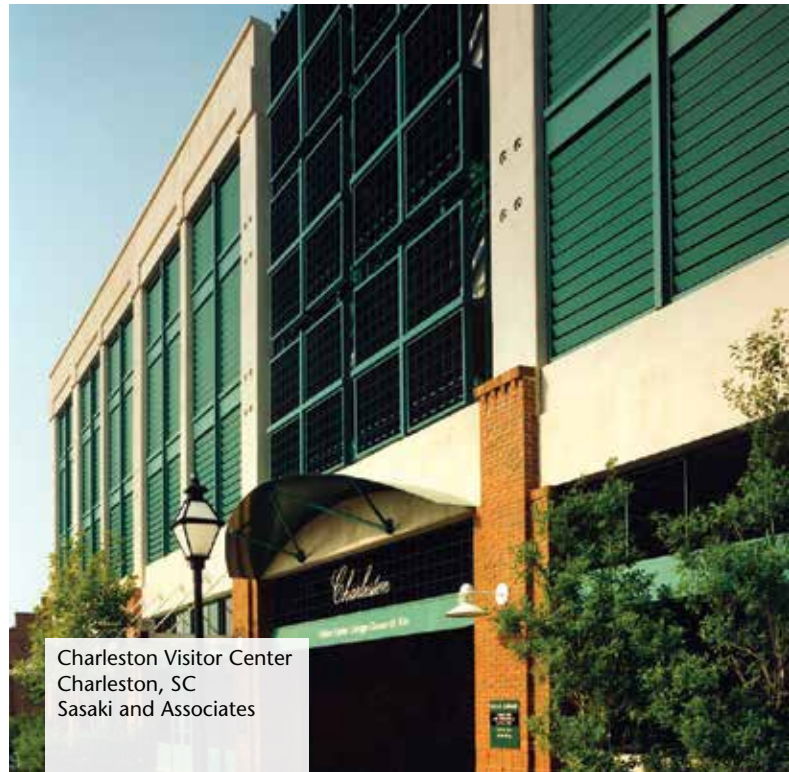
Airolite enjoys an industry-leading status. With an abundance of louver types offered in numerous categories, Airolite can deliver the best louvers for your project while achieving the desired balance, expertly linking, form and function. From acoustic to sightproof and combination to Storm Class™ louvers, Airolite has “The look that works.”

Design and Engineering

We craft all Airolite products to your design and performance requirements. Whether based on existing designs or new product development, our modern testing facilities position us as an industry leader in developing products that outrival in their performance. In all categories, Airolite leads the way, attending to the ever-changing code requirements. Bottom line: you get “The look that works.”

Manufacturing

Wind-loads, dynamic vibration stresses and galvanic corrosion are all critical factors in the specification, fabrication and assembly of products. Airolite’s manufacturing processes ensure product integrity even in the harshest environments. Finish coatings, available in limitless color possibilities, are applied after the product is assembled at one of our three manufacturing facilities in Schofield, WI; Sacramento, CA; and Shelby, NC.



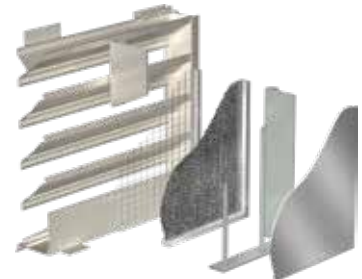
Charleston Visitor Center
Charleston, SC
Sasaki and Associates

Project Management

Inevitably, dreams meet schedules. Ideas meet deadlines. Airolite’s expert project management and customer service teams balance the vision with the realities of your project. Customer-driven, we focus on customer retention and strive to achieve enduring relationships.

Options and Accessories

Distinctive products and unique applications of our products drive our attention to the accessories and options that enhance functionality and ensure easy installation. At Airolite, we offer numerous options and accessories and can accommodate special requirements your project may demand.





University of Colorado
Anschutz Inpatient Pavillion
Anschutz, CO
Perkins & Will

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Qwik Ship

Airolite's Qwik Ship program consists of the most complete offering of louvers anywhere. Our Qwik Ship products are enhanced with an extensive selection of accessories and architectural finish options.

Lead Times

Customers may select 1, 3, 5, 10 and 20 day manufacturing cycles with mill finished louvers or 5, 10, 15 and 25 day manufacturing cycles with finished louvers.

Program Reliability

Your Qwik Ship order warrants our utmost attention, as demonstrated by our strong on-time shipment performance.

Expedited Delivery

In addition to the accelerated fabrication schedules available with the Qwik Ship program, expedited deliveries can be arranged with air or surface transportation at additional costs.

		BEST AVAILABLE MANUFACTURING LEAD TIME	
LOUVER TYPE		MILL FINISH	PAINTED FINISH
Storm Class™	SCH201, SCH401, SCH501, SCH601, SCH7, SCH701, SCC550, SCV302, SCV501, SCV6 SCC901	1 DAY	5 DAY
		5 DAY	10 DAY
Stationary	K6096, K666	1 DAY	5 DAY
	609, 6096	3 DAY	10 DAY
	K609	5 DAY	10 DAY
Drainable	K6844, K6846, K609HP, K638HP, K6744, K6746	1 DAY	5 DAY
	K6774, K6776, K6856	3 DAY	10 DAY
	6774, 6776	5 DAY	10 DAY
Narrow Profile	AC155, AC153, AC153S, AC154, AC154S, T6482, K6772	1 DAY	10 DAY
Sightproof	K601, K601D, K605D, T5832	1 DAY	5 DAY
	K605	5 DAY	10 DAY
Acoustic	T9106, T9108, T9112, T9208, T9612	10 DAY	15 DAY
Miami-Dade Qualified and Florida Approved	SCC550MD, SCV302MD	1 DAY	5 DAY
	SCC901MD	3 DAY	10 DAY
	K8206AMD, SCH601MD, K6746MD, K605MD, SCV660MD, SCH601MDE, K6746MDE, SCV501MD, SCH501X, K6744X, K6746X	5 DAY	10 DAY
Adjustable	T6784, T6786, T6796, T645, T6636	1 DAY	5 DAY
	6784, 6786	3 DAY	10 DAY
Combination	K8204, K8206, K8504, K8506, K8206A, KX827, KN827	1 DAY	5 DAY
	K8204E, K8206E	10 DAY	15 DAY
Special Application	AFG501	10 DAY	15 DAY



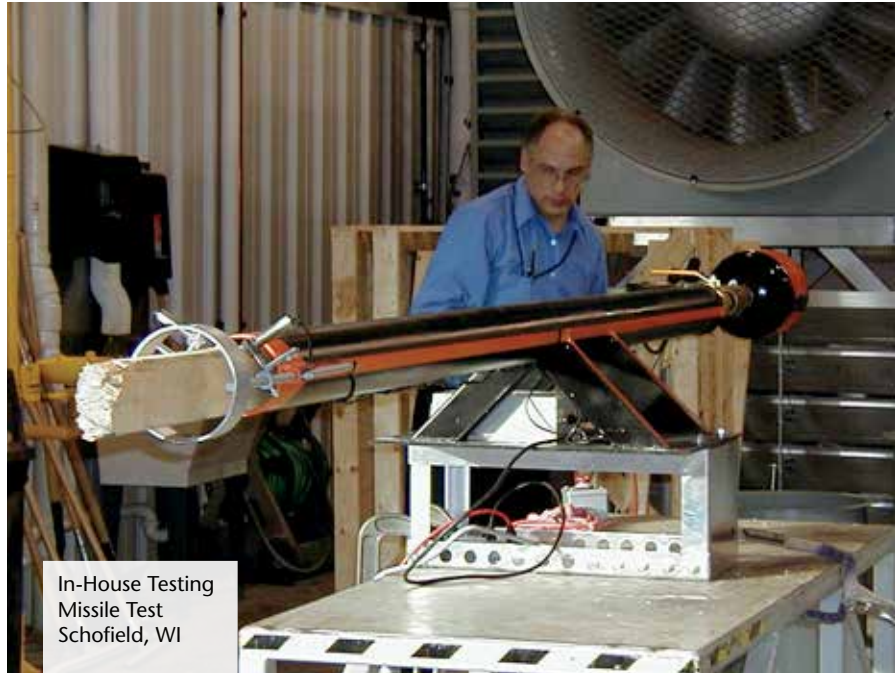
Amgen Center
Cambridge, MA

Commitment to Laboratory Testing

Airolite constructed the first wind-driven test facility in the U.S. in 1956 and has been a frontrunner in the development of louver performance rating standards and empirical test procedures since. Our historical position in testing expertise is evidenced by the superior performance ratings of Airolite products.

In-House Testing

Airolite's in-house testing capabilities are second to none, including complete water penetration and wind-driven rain test chambers. Our comprehensive testing laboratory is devoted exclusively to the development and testing of louver products to the latest versions of AMCA, Miami-Dade County and other industry standards.



In-House Testing
Missile Test
Schofield, WI

Comparisons

The selection and specification of products based on performance ratings are recommended. However, care must be utilized to ensure that:

- All test data is accurate
- Testing is completed to the most current testing standards
- Certified by recognized and independent third-party test laboratories



In-House Testing
Water Chamber
Schofield, WI



The Airolite Company, LLC certifies that Louver Types K605MD, K6746MD, K8206AMD, K6744X, K6746X, K609, K6096, K609HP, K6096HP, K638HP, K6744, K6746, K6746HP, K6774, K6776, K6844, K6846, K6856, K601, K601D, K605, K605D, T5832, K6772, T6482, 609, 6096, 6774, 6776,

T645, T6784, T6786, T6796, K8204, K8206, K8206A, K8504, K8506, 6784, 6786 and AFG501 are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to water penetration and air performance.



The Airolite Company, LLC certifies that Louver Types SCH201, SCH401, SCH501, SCH601, SCH701, SCV302, SCV501, SCV6, SCC550, SCC901, SCH7, SCH601MD, SCH601MDE, SCC550MD, SCC901MD, SCV302MD, SCV501MD, SCV660MD

and SCH501X are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to water penetration, air performance and wind-driven rain.



The Airolite Company, LLC certifies that Louver Type T6636 and ASL401 are licensed to bear the AMCA Seal. The

ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to air performance.



The Airolite Company, LLC certifies that Louver Types T9106, T9108, T9112, T9208 and T9612 are licensed to bear the AMCA Seal. The ratings shown

are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to water penetration, sound and air performance.

Test Descriptions

Florida TAS 201: Large Missile Impact

To date, Florida Building Code (FBC) TAS 201 remains the Large Missile Impact test recognized by the Miami-Dade County Department of Regulatory and Economic Resources (RER) for Miami-Dade Notice of Acceptance (NOA) for louvers and louvered penthouse assemblies. TAS 201 was/is considered by many to be an “approved impact-resisting” standard as described within International Building Codes (IBC) 2006 and 2009 and FBC 2004 and 2007. TAS 201 measures a product’s resistance to wind-borne debris. TAS 201 simulates a 9 pound 2 x 4 traveling at 50 feet per second (34 miles per hour). Manufacturers must test their largest specimen size to several impacts for certification.

AMCA 540: Test Method for Louvers Impacted by Wind Borne Debris

The FBC 2010 and IBC 2012 recognize AMCA 540 for Large Missile Impact requirements for louvers where applicable within the defined Wind-Borne Debris Region. AMCA 540 measures a louver’s resistance to wind-borne debris. AMCA 540 simulates two different missile criteria. Missile Level D simulates a 9 pound 2 x 4 traveling at 50 feet per second (34 miles per hour). Missile Level E simulates a 9 pound 2 x 4 traveling at 80 feet per second (55 miles per hour). Missile Level D is required for Basic Protection while Missile Level E is required for Enhanced Protection for all Essential Facilities. Manufacturers must test their specimen’s smallest shortest blade span for single section assemblies along with multiple section configurations, to qualify applicable mulled panels.



ICC-500: Debris Impact

ICC-500 is recognized by the Federal Emergency Management Agency (FEMA) as a requirement for FEMA P-361 and/or FEMA P-320 Tornado or Hurricane Community Safe Rooms. ICC-500 defines several missile criteria; however, the most widely specified and applied is a simulate 15 pound 2 x 4 traveling at 100 miles per hour. This is also regarded as the most stringent. Pass or failure is based on penetration and perforation of the “witness paper” located behind the specimen. A missile may penetrate a door, wall sections, etc., and remain lodged within the component, but the component does not allow any missile or specimen fragments to perforate the “witness paper” located inches directly behind the specimen.

Florida TAS 202: Uniform Static Air Pressure Test

Florida TAS 202 is recognized by both the FBC for Florida Product Approval and the Miami-Dade County RER for Miami-Dade NOA. TAS 202 simulates a product’s resistance to both negative and positive static wind pressure loading. Manufacturers must submit to 30-second positive and negative pressure cycles ranging from one-half design load to 1.5 times design load. Pass or failure is based on the subject product’s deflection and integrity retention. Manufacturers must test their largest specimen size along with multiple section configurations for applicable mulled panels.

Florida TAS 203: Cyclic Wind Pressure Loading

Both FBC for Florida Product Approval and the Miami-Dade County RER for Miami-Dade NOA recognize Florida TAS 203. TAS 203 is required if the subject product is also Large Missile Impact qualified (AMCA 540 or TAS 201). TAS 203 simulates a product’s resistance to both negative and positive cyclic wind pressure loading. Manufacturers must submit to a total of 671 five second maximum cycles, ranging from one-half design load to 1.3 times design load (600 cycles at one-half design load, 70 cycles at 0.6 design load and one cycle at 1.3 times design load). Pass or failure is based on the subject product’s deflection and integrity retention. Manufacturers must test their largest specimen size along with multiple section configurations for applicable mulled panels.

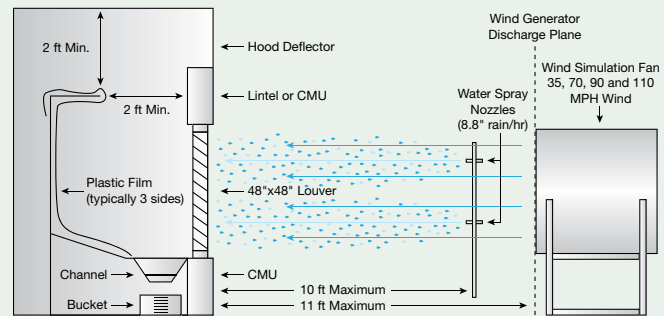


Test Descriptions

AMCA 550: Test Method for High Velocity Rain Resistant Louvers

Florida Mechanical Code (FMC) 2010 recognizes compliance with AMCA 550 for all intake and exhaust louvers located within the Hurricane Prone Regions defined by the FBC 2010. International Mechanical Code (IMC) recognizes compliance with AMCA 550 for all intake louvers that are located within the Hurricane Prone Regions as defined by IBC 2012. The AMCA 550 test specification is identical to that of Florida TAS 100A, except for the pass or failure criteria. The AMCA 550 High Velocity Wind-Driven Rain standard measures failure when greater than 1% of the overall sprayed water volume passes beyond the louver or louver and damper assembly during the entire test duration. Manufacturers must test a 48-inch x 48-inch specimen size. In addition to testing to the AMCA 550 standard, the louver and damper assembly must first have undergone testing to the AMCA 500-L Wind Driven Rain procedure (50 mile per hour wind, 8 inches rain per hour).

AMCA 550 / Miami-Dade TAS100A - High Velocity Wind-Driven Rain



AMCA 500-L: Wind-Driven Rain

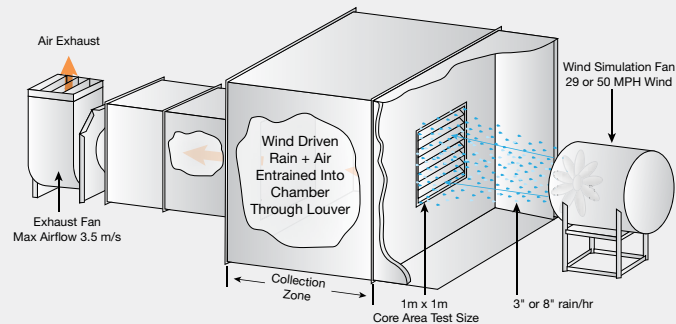
Wind-Driven Rain Penetration Classes

Class	Effectiveness
A	1 to 0.99
B	0.989 to 0.95
C	0.949 to 0.80
D	Below 0.8

The AMCA 500-L Wind-Driven Rain test procedure measures a louver's resistance to water penetration under more dynamic storm-like conditions than the AMCA 500-L Water Penetration test procedure. A fan in front of the subject test louver simulates external wind speeds of 29 and/or 50 miles per hour. Between the

external fan and the louver, spray nozzles simulate external rainfall at a rate(s) of 3 inches and/or 8 inches per hour (3 inches occurs at 29 miles per hour wind, 8 inches occur at 50 miles per hour wind). Within a fully enclosed pressurized chamber behind the louver, a fan attempts to pull the water droplets through the louver blades. The louver is measured by a grading system of Class A, B, C, or D, which defines the water rejection percentage at specific inlet velocity points. Manufacturers must test a louver size, which allows for a 1-meter x 1-meter louver core size. The louver core size is defined as the minimum distance between the louver's opposing frame members at the exterior face of the louver.

AMCA 500-L - Wind-Driven Rain Test



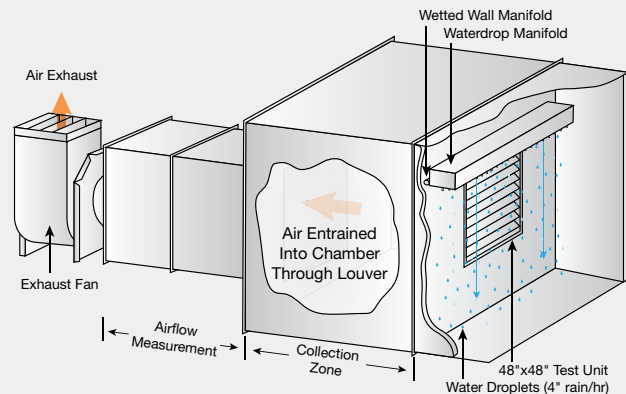
AMCA 500-L: Airflow Resistance

The AMCA 500-L Airflow Resistance test procedure measures a louver's resistance to airflow under both intake and exhaust conditions. Pressure drop across the louver free area is measured and displayed as airflow resistance in units of inches water gauge at specific intake or exhaust velocity points. Manufacturers must test a 48-inch x 48-inch specimen size.

AMCA 500-L: Water Penetration

The AMCA 500-L Water Penetration test procedure measures a louver's resistance to water penetration during normal operating conditions. Rainfall at a rate of 4 inches per hour is simulated by dripping water droplets in front of the test louver. A wetted wall condition is simulated by applying 0.25 gallons of water per minute per linear foot across the wall directly above the test louver. Within a fully enclosed pressurized chamber behind the louver, a fan attempts to pull the water droplets through the louver blades. The louver is measured by the Beginning Point of Water Penetration, which is defined as the free area intake velocity from 0-1250 feet per minute where 0.01 ounces of water per square foot of louver free area is measurable behind the louver. The AMCA 500-L Water Penetration test procedure does NOT simulate external wind forces. Manufacturers must test a 48-inch x 48-inch specimen size.

AMCA 500-L - Water Penetration Test



The Ashton in Austin, Texas

Constructing a secure, above-ground parking area could potentially have drawn attention away from the sleek, attractive lines of this contemporary high rise. More than two thousand square feet of architectural and Storm Class™ louvers with architectural features such as mitered corners and blind-mounting attachments were furnished to complement the grilles and complete the façade. All architectural louvers were supplied with a Kynar 500® resin coating formulated in a custom metallic color to achieve maximum color uniformity and durability.



The Ashton
HKS Inc., Dallas TX
Austin TX

University of Massachusetts Amherst Recreation Center

Airolite extruded stationary louvers were selected to crown each of the North, West and South façade at the clerestory level. The symmetry and narrow sight and shadow lines contributed by Airolite louvers complemented the adjacent metal panels and glazing. This single, uninterrupted, 430-foot long louver incorporates concealed vertical mullions to accommodate thermal expansion throughout the long spans and poses no vertical sightlines to interrupt the viewer's observation. The louver incorporates welded 90-degree and 120-degree inside and outside mitered corners to match the profile of the building plan. Integral aluminum channel supports incorporated in the louver assemblies addressed wind design requirements and eliminated stack-joints from the 8-foot tall application. All of the louvers were finished with a Class I clear finish for durability and to match adjacent fenestration and metal panels.



University of Massachusetts
Amherst Recreation Center
Sasaki Associates, Inc., Watertown MA
Amherst MA



John Hopkins Medical Campus

This clinical building consists of two towers, each 12 stories high, that join together on the eighth floor. In total, over 21,000 square feet of Airlite louvers were installed. Most of the louvers form a continuous sweeping span around the sixth floor. The sixth-floor louver wall periodically rises into the seventh floor and gently draws one's attention skyward towards the eighth floor, where the twin towers join. Airlite's Louver Types: SCH7, CB609, K609, and CB638HP were selected based upon their exceptional performance and aesthetic attributes. Each was finished with a custom color match Kynar® base pearlescent pewter coating, coordinating with a variety of other aluminum materials used for this project. The sleek, clean lines of the louver walls with concealed vertical mullions complement the building's impressive modern look. Six to seven-inch louver blade depths add further interest to the building's exterior design.



John Hopkins Medical Campus
Perkins & Will, Chicago IL
Baltimore MD



Guildford Town Centre

The original design for the front entrance called for installing curved architectural louvers to create a contemporary and majestic statement for the popular shopping center. However, curved louvers proved too costly. Airolite engineers created the spectacular curved appearance with 88 sections of straight segmented Airolite K609 louvers installed on the building's curved exterior surface. A clear anodized finish was selected to emphasize the natural silver beauty of the aluminum. As light changes during the day and night, it reflects off the aluminum façade and greets passersby with a compelling invitation to step inside and enjoy a delightful shopping experience in this charming community.



Guildford Town Centre

Musson Cattell Mackey Partnership, Vancouver BC
Surrey BC

Louver Selection Guide

Airolite's vast product offering includes numerous louver types, including drainable, stationary, adjustable, combination, and sightproof blades. For a complete product listing, along with downloadable submittal documents and AutoCAD® files, visit www.airolite.com.

Louver Type	Louver Depth	Free Area 4' x 4' Unit	Percent Free Area	Beginning Point of Water Penetration	Air Volume Flow Rate	Effectiveness Rating at 50 mph
Storm Class™						
SCC901	9.25" (235.0 mm)	8.66 ft² (0.80 m²)	54%	974 fpm (4.95 m/s)	8,435 cfm (3.98 m³/s)	99.2%
SCH201	2" (50.8 mm)	6.22 ft² (0.58 m²)	39%	973 fpm (4.94 m/s)	6,053 cfm (2.86 m³/s)	99.3%
SCH401	4" (101.6 mm)	6.76 ft² (0.63 m²)	42%	1,043 fpm (5.30 m/s)	7,053 cfm (3.33 m³/s)	99.9%
SCH501	5" (127.0 mm)	6.80 ft² (0.63 m²)	43%	1,250 fpm (6.35 m/s)	8,500 cfm (4.01 m³/s)	99.2%
SCC550	5.5" (139.7 mm)	8.02 ft² (0.75 m²)	50%	1,083 fpm (5.50 m/s)	8,686 cfm (4.10 m³/s)	99.5%
SCH601	6" (152.4 mm)	7.58 ft² (0.70 m²)	47%	1,250 fpm (6.35 m/s)	9,475 cfm (4.47 m³/s)	99.2%
SCH7	7" (177.8 mm)	8.44 ft² (0.78 m²)	53%	948 fpm (4.82 m/s)	8,001 cfm (3.78 m³/s)	98.2%
SCH701	7" (177.8 mm)	6.99 ft² (0.65 m²)	45%	1,250 fpm (6.35 m/s)	8,736 cfm (4.12 m³/s)	100.0%
SCV302	3" (76.2 mm)	8.13 ft² (0.76 m²)	51%	1,250 fpm (6.35 m/s)	10,163 cfm (4.80 m³/s)	99.4%
SCV501	5" (127.0 mm)	8.71 ft² (0.81 m²)	54%	1,250 fpm (6.35 m/s)	10,888 cfm (5.139 m³/s)	99.3%
SCV6	5.375" (136.5 mm)	8.62 ft² (0.80 m²)	54%	1,250 fpm (6.35 m/s)	10,775 cfm (5.09 m³/s)	100.0%

Miami-Dade Approved						
K605MD	5" (127.0 mm)	8.19 ft² (0.76 m²)	51%	1,036 fpm (5.26 m/s)	8,485 cfm (4.00 m³/s)	-
K6746MD, K6746MDE	6" (152.4 mm)	9.41 ft² (0.88 m²)	59%	1,250 fpm (6.35 m/s)	11,763 cfm (5.55 m³/s)	-
K8206AMD	6" (152.4 mm)	7.27 ft² (0.68 m²)	45%	1,113 fpm (5.66 m/s)	8,094 cfm (3.82 m³/s)	-
SCC550MD	5.5" (139.7 mm)	8.02 ft² (0.75 m²)	50%	1,083 fpm (5.50 m/s)	8,686 cfm (4.10 m³/s)	99.5%
SCC901MD	9.25" (235.0 mm)	8.66 ft² (0.80 m²)	54%	974 fpm (4.95 m/s)	8,435 cfm (3.98 m³/s)	99.2%
SCV302MD	3" (76.2 mm)	8.13 ft² (0.76 m²)	51%	1,250 fpm (6.35 m/s)	10,163 cfm (4.80 m³/s)	99.6%
SCH601MD	6" (152.4 mm)	7.18 ft² (0.67 m²)	45%	1,250 fpm (6.35 m/s)	8,975 cfm (4.24 m³/s)	99.2%
SCH601MDE	6" (152.4 mm)	7.58 ft² (0.70 m²)	47%	1,250 fpm (6.35 m/s)	9,475 cfm (4.47 m³/s)	99.8%
SCV501MD	5" (127.0 mm)	8.77 ft² (0.81 m²)	55%	1,250 fpm (6.35 m/s)	10,963 cfm (5.17 m³/s)	99.9%
SCV660MD	6" (152.4 mm)	7.29 ft² (0.68 m²)	46%	1,250 fpm (6.35 m/s)	9,112 cfm (4.30 m³/s)	100.0%

Florida Building Code Approved						
K6744X	4" (101.6 mm)	8.92 ft² (0.84 m²)	56%	989 fpm (5.02 m/s)	8,822 cfm (4.16 m³/s)	-
K6746X	6" (152.4 mm)	9.41 ft² (0.88 m²)	59%	1,250 fpm (6.35 m/s)	11,763 cfm (5.55 m³/s)	-
SCH501X	5" (127.0 mm)	6.80 ft² (0.63 m²)	43%	1,250 fpm (6.35 m/s)	8,500 cfm (4.01 m³/s)	99.2%

Extruded Stationary						
K609	4" (101.6 mm)	7.91 ft² (0.74 m²)	49%	562 fpm (2.86 m/s)	4,446 cfm (2.10 m³/s)	-
K6096	6" (152.4 mm)	8.35 ft² (0.78 m²)	52%	817 fpm (4.15 m/s)	6,396 cfm (3.02 m³/s)	-
K666	4" (101.6 mm)	8.52 ft² (0.80 m²)	53%	760 fpm (3.85 m/s)	6,475 cfm (3.04 m³/s)	-

Extruded High Performance						
K609HP	4" (101.6 mm)	8.32 ft² (0.73 m²)	52%	963 fpm (4.89 m/s)	8,012 cfm (3.77 m³/s)	-
K6096HP	6" (152.4 mm)	8.69 ft² (0.81 m²)	54%	998 fpm (5.07 m/s)	8,673 cfm (4.11 m³/s)	-
K638HP	4" (101.6 mm)	8.49 ft² (0.79 m²)	53%	934 fpm (4.74 m/s)	7,930 cfm (3.75 m³/s)	-
K6746HP	6" (152.4 mm)	9.84 ft² (0.91 m²)	62%	910 fpm (4.62 m/s)	8,956 cfm (4.23 m³/s)	-

Extruded Drainable						
K6744	4" (101.6 mm)	8.92 ft² (0.83 m²)	56%	989 fpm (5.02 m/s)	8,822 cfm (4.16 m³/s)	-
K6746	6" (152.4 mm)	9.41 ft² (0.88 m²)	59%	1,250 fpm (6.35 m/s)	11,763 cfm (5.55 m³/s)	-
K6774	4" (101.6 mm)	8.35 ft² (0.78 m²)	52%	989 fpm (4.88 m/s)	8,024 cfm (3.81 m³/s)	-
K6776	6" (152.4 mm)	8.56 ft² (0.80 m²)	54%	1,250 fpm (6.35 m/s)	10,700 cfm (5.06 m³/s)	-
K6844	4" (101.6 mm)	8.22 ft² (0.76 m²)	51%	992 fpm (5.04 m/s)	9,140 cfm (4.29 m³/s)	-
K6846	6" (152.4 mm)	8.58 ft² (0.80 m²)	54%	1,201 fpm (6.10 m/s)	10,305 cfm (4.88 m³/s)	-
K6856	6" (152.4 mm)	7.91 ft² (0.73 m²)	49%	1,065 fpm (5.41 m/s)	8,424 cfm (3.95 m³/s)	-

Louver Type	Louver Depth	Free Area 4' x 4' Unit	Percent Free Area	Beginning Point of Water Penetration	Air Volume Flow Rate	Effectiveness Rating at 50 mph
Acoustic						
T9106/9106	6" (152.4 mm)	4.89 ft ² (0.45 m ²)	31%	799 fpm (4.06 m/s)	3,907 cfm (1.84 m ³ /s)	-
T9108/9108	8" (203.2 mm)	4.28 ft ² (0.40 m ²)	27%	887 fpm (4.51 m/s)	3,798 cfm (1.79 m ³ /s)	-
T9112/9112	12" (304.8 mm)	3.39 ft ² (0.32 m ²)	21%	1,108 fpm (5.63 m/s)	3,757 cfm (1.77 m ³ /s)	-
T9208/9208	8" (203.2 mm)	5.21 ft ² (0.48 m ²)	33%	879 fpm (4.47 m/s)	4,520 cfm (2.13 m ³ /s)	-
T9612/9612	12" (304.8 mm)	4.27 ft ² (0.40 m ²)	27%	830 fpm (4.22 m/s)	3,544 cfm (1.67 m ³ /s)	-

Extruded Sightproof						
K601	4" (101.6 mm)	5.16 ft ² (0.48 m ²)	33%	765 fpm (3.89 m/s)	3,827 cfm (1.81 m ³ /s)	-
K601D	4" (101.6 mm)	5.16 ft ² (0.48 m ²)	33%	747 fpm (3.79 m/s)	3,855 cfm (1.82 m ³ /s)	-
K605	5" (127.0 mm)	8.19 ft ² (0.76 m ²)	51%	1,036 fpm (5.26 m/s)	8,485 cfm (4.00 m ³ /s)	-
K605D	5" (127.0 mm)	9.11 ft ² (0.85 m ²)	57%	1,134 fpm (5.76 m/s)	10,331 cfm (4.90 m ³ /s)	-
T5832	2" (50.8 mm)	3.75 ft ² (0.35 m ²)	23%	516 fpm (2.62 m/s)	1,935 cfm (0.91 m ³ /s)	-

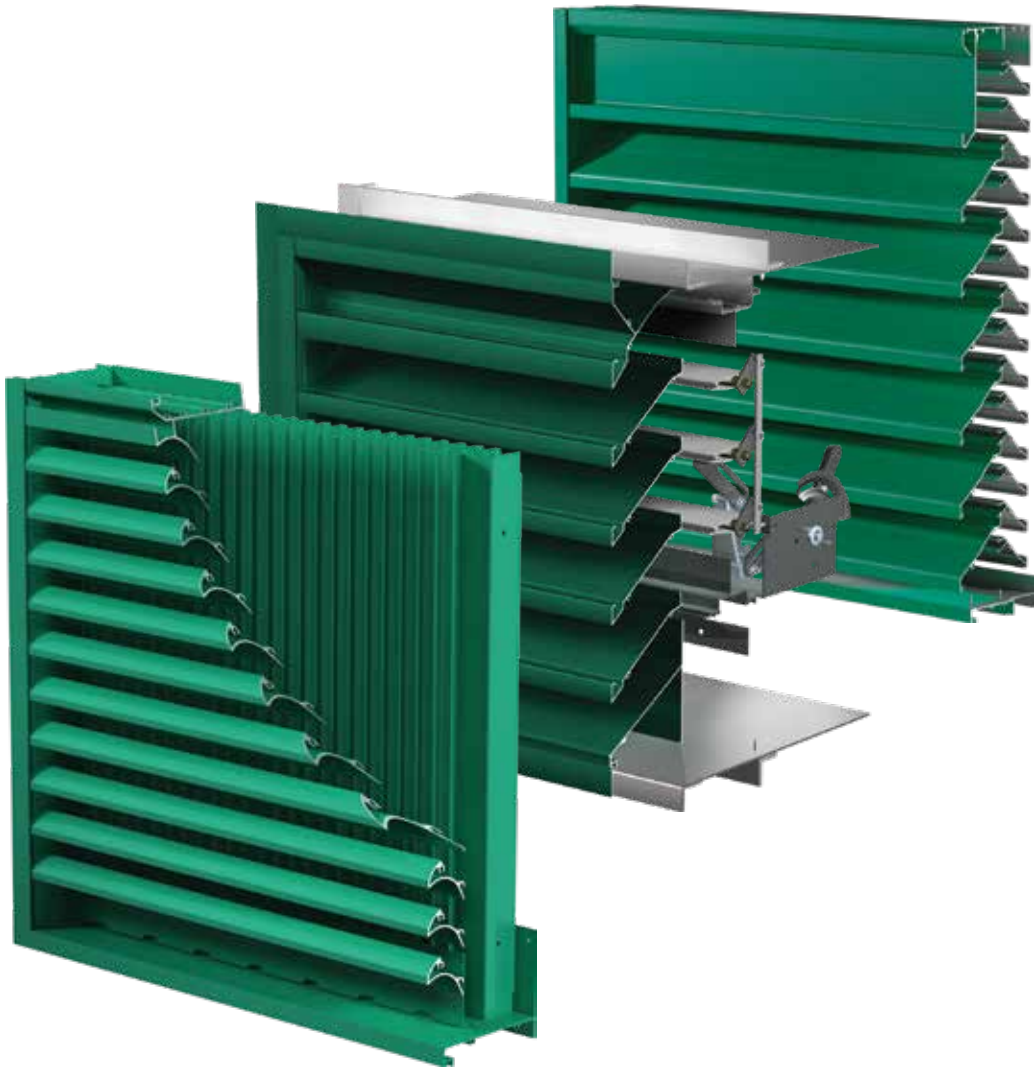
Narrow Profile						
AC153	1.5" (38.1 mm)	11.20 ft ² (1.04 m ²)	70%	not rated	not rated	-
AC153S	1.25" (31.8 mm)	11.64 ft ² (1.08 m ²)	73%	not rated	not rated	-
AC154	1.5" (38.1 mm)	8.49 ft ² (0.79 m ²)	53%	not rated	not rated	-
AC154S	1.25" (31.8 mm)	8.77 ft ² (0.81 m ²)	55%	not rated	not rated	-
AC155	1.5" (38.1 mm)	7.35 ft ² (0.68 m ²)	46%	not rated	not rated	-
K6772	2" (50.8 mm)	8.76 ft ² (0.81 m ²)	55%	858 fpm (4.36 m/s)	7,514 cfm (3.55 m ³ /s)	-
T6482	2" (50.8 mm)	6.01 ft ² (0.56 m ²)	38%	668 fpm (3.39 m/s)	4,014 cfm (1.89 m ³ /s)	-

Fabricated Stationary						
609	4" (101.6 mm)	7.55 ft ² (0.70 m ²)	47%	839 fpm (4.25 m/s)	6,334 cfm (2.98 m ³ /s)	-
6096	6" (152.4 mm)	7.57 ft ² (0.70 m ²)	47%	896 fpm (4.55 m/s)	6,783 cfm (3.20 m ³ /s)	-
6774	4" (101.6 mm)	7.03 ft ² (0.65 m ²)	44%	1,056 fpm (5.36 m/s)	8,788 cfm (4.14 m ³ /s)	-
6776	6" (152.4 mm)	8.15 ft ² (0.76 m ²)	51%	948 fpm (4.81 m/s)	7,726 cfm (3.65 m ³ /s)	-

Extruded Adjustable						
T645	4" (101.6 mm)	6.48 ft ² (0.60 m ²)	41%	1,023 fpm (5.20 m/s)	6,629 cfm (3.13 m ³ /s)	-
T6636	6" (152.4 mm)	6.32 ft ² (0.59 m ²)	40%	1,069 fpm (5.43 m/s)	6,756 cfm (3.19 m ³ /s)	-
T6784	4" (101.6 mm)	5.81 ft ² (0.54 m ²)	36%	1,250 fpm (6.35 m/s)	7,263 cfm (3.43 m ³ /s)	-
T6786	6" (152.4 mm)	7.34 ft ² (0.69 m ²)	46%	1,007 fpm (5.12 m/s)	7,391 cfm (3.57 m ³ /s)	-
T6796	6" (152.4 mm)	8.73 ft ² (0.81 m ²)	55%	1,107 fpm (5.62 m/s)	9,664 cfm (4.6 m ³ /s)	-

Extruded Combination						
K8204	4" (101.6 mm)	6.34 ft ² (0.59 m ²)	40%	1,192 fpm (6.06 m/s)	7,557 cfm (3.59 m ³ /s)	-
K8204E	4" (101.6 mm)	5.41 ft ² (0.50 m ²)	34%	1,192 fpm (6.06 m/s)	6,663 cfm (3.15 m ³ /s)	-
K8206	6" (152.4 mm)	7.41 ft ² (0.69 m ²)	46%	1,020 fpm (5.16 m/s)	7,558 cfm (3.56 m ³ /s)	-
K8206A	6" (152.4 mm)	7.68 ft ² (0.71 m ²)	48%	1,221 fpm (6.20 m/s)	9,377 cfm (4.40 m ³ /s)	-
K8206E	6" (152.4 mm)	6.20 ft ² (0.58 m ²)	39%	1,020 fpm (5.16 m/s)	6,324 cfm (2.98 m ³ /s)	-
K8504	4" (101.6 mm)	7.60 ft ² (0.71 m ²)	46%	1,018 fpm (5.10 m/s)	6,118 cfm (2.89 m ³ /s)	-
K8506	6" (152.4 mm)	7.32 ft ² (0.68 m ²)	46%	1,035 fpm (5.26 m/s)	7,576 cfm (3.58 m ³ /s)	-
KN827	4" (101.6 mm)	6.39 ft ² (0.59 m ²)	40%	not rated	not rated	-
KX827	4" (101.6 mm)	6.39 ft ² (0.59 m ²)	40%	not rated	= rated	-

Fabricated Adjustable						
6784	4" (101.6 mm)	5.98 ft ² (0.56 m ²)	37%	1,086 fpm (5.57 m/s)	6,494 cfm (3.07 m ³ /s)	-
6786	6" (152.4 mm)	8.77 ft ² (0.82 m ²)	55%	959 fpm (4.87 m/s)	8,410 cfm (3.97 m ³ /s)	-



Severe Duty Louvers

Storm Class™ Louvers

- Horizontal Blade
- Vertical Blade
- Dual Module

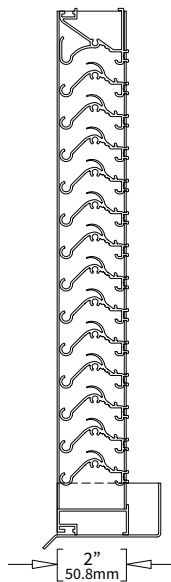
**Miami-Dade County Qualified
Florida Product Approved**

Storm Class™ Louvers

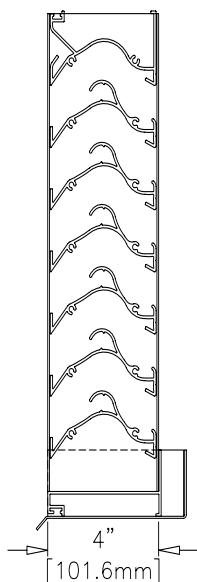
Sightproof, Horizontal Blade



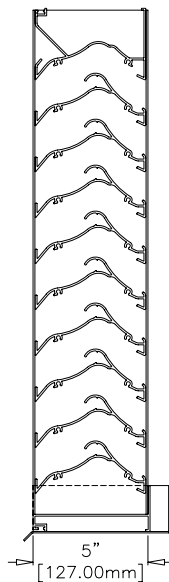
SCH501



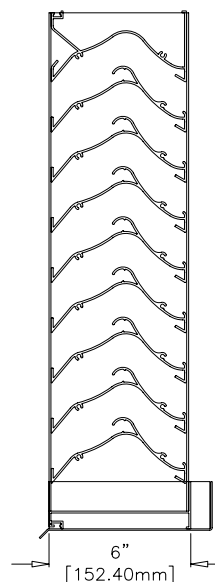
Louver Type
SCH201



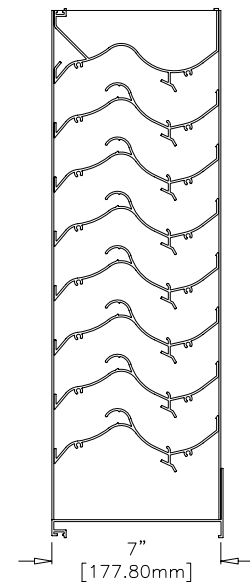
Louver Type
SCH401



Louver Type
SCH501



Louver Type
SCH601



Louver Type
SCH701

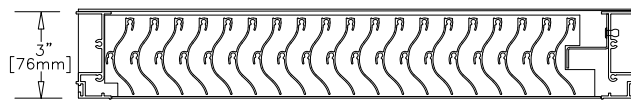
Louver Type	Depth	AMCA Licensed Ratings	Blade/Frame Thickness	Free Area (4' x 4' Unit)	% Free Area	Beginning Point of Water Pen.	Air Volume Flow Rate	Pressure Drop	% Effic.	Core Ventilation at 50 mph
SCH201	2"	AP, WP, WDR	0.063/0.063"	6.22 ft ²	39%	973 fpm	6,053 cfm	0.22 in H ₂ O	99.3%	0 fpm
SCH401	4"	AP, WP, WDR	0.063/0.081"	6.76 ft ²	42%	1,043 fpm	7,053 cfm	0.22 in H ₂ O	99.9%	0 fpm
SCH501	5"	AP, WP, WDR	0.063/0.081"	6.80 ft ²	43%	1,250 fpm	8,500 cfm	0.18 in H ₂ O	99.8%	689 fpm
SCH601	6"	AP, WP, WDR	0.081/0.081"	7.58 ft ²	47%	1,250 fpm	9,475 cfm	0.32 in H ₂ O	99.2%	676 fpm
SCH701	7"	AP, WP, WDR	0.081/0.081"	6.99 ft ²	45%	1,250 fpm	8,736 cfm	0.43 in H ₂ O	100.0%	577 fpm

AP = Air Performance, WP = Water Penetration, WDR = Wind-Driven Rain

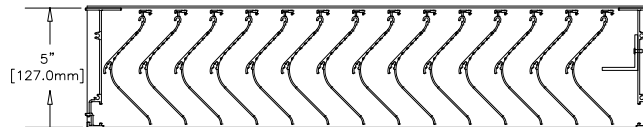
Storm Class™ Louvers

Sightproof, Vertical Blade

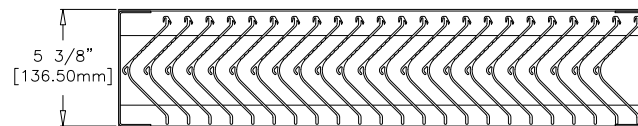
SCV302



Louver Type
SCV302



Louver Type
SCV501



Louver Type
SCV6

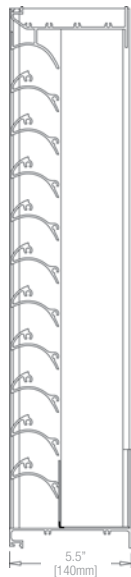
Louver Type	Depth	AMCA Licensed Ratings	Blade/Frame Thickness	Free Area (4' x 4' Unit)	% Free Area	Beginning Point of Water Pen.	Air Volume Flow Rate	Pressure Drop	% Effec.	Core Ventilation at 50 mph
SCV302	3"	AP, WP, WDR, 540, 550	0.050/0.081"	8.13 ft ²	51%	1,250 fpm	10,163 cfm	0.28 in H ₂ O	99.8%	886 fpm
SCV501	5"	AP, WP, WDR	0.060/0.081"	8.71 ft ²	54%	1,250 fpm	10,888 cfm	0.27 in H ₂ O	99.3%	882 fpm
SCV6	5.375"	AP, WP, WDR	0.081/0.081"	8.62 ft ²	54%	1,250 fpm	10,775 cfm	0.18 in H ₂ O	100.0%	984 fpm

AP = Air Performance, WP = Water Penetration, WDR = Wind-Driven Rain, 540 = AMCA 540 Listed, 55 = AMCA 550 Listed

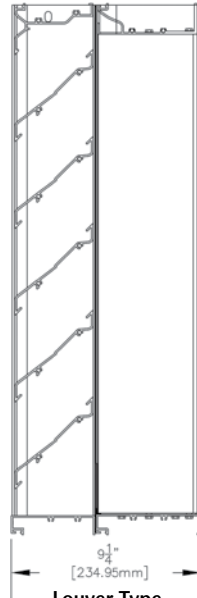
Storm Class™ Louvers

Dual Module Units

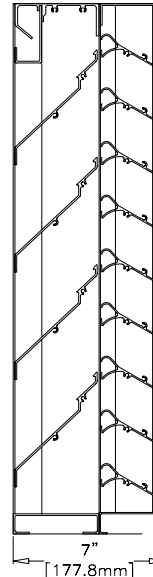
SCC550



Louver Type
SCC550



Louver Type
SCC901



Louver Type
SCH7

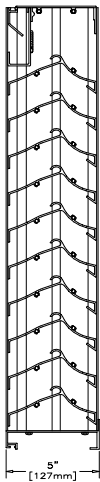
Louver Type	Depth	AMCA Licensed Ratings	Blade/Frame Thickness	Free Area (4' x 4' Unit)	% Free Area	Beginning Point of Water Pen.	Air Volume Flow Rate	Pressure Drop	% Effec.	Core Ventilation at 50 mph
SCC550	5.5"	AP, WP, WDR, 540, 550	0.081/0.081"	8.02 ft ²	50%	1,083 fpm	8,686 cfm	0.44 in H ₂ O	99.5%	980 fpm
SCC901	9.25"	AP, WP, WDR	0.081/0.081"	8.66 ft ²	54%	974 fpm	8,435 cfm	0.32 in H ₂ O	99.2%	877 fpm
SCH7	7"	AP, WP, WDR	0.081/0.081"	8.44 ft ²	53%	948 fpm	8,001 cfm	0.32 in H ₂ O	98.2%	0 fpm

NR = Not Rated, AP = Air Performance, WP = Water Penetration, WDR = Wind-Driven Rain, 540 = AMCA 540 Listed, 55 = AMCA 550 Listed

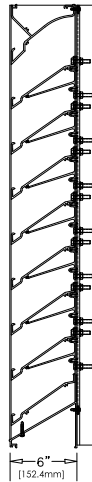
Miami-Dade & Florida Building Code Approved Louvers

Storm Class, Drainable and Sightproof Louver Types

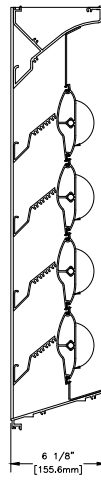
SCV501MD



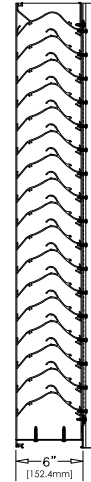
Louver Type
K605MD



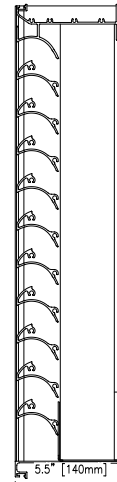
Louver Type
K6746MD
K6746MDE



Louver Type
K8206AMD



Louver Type
SCH601MD
SCH601MDE



Louver Type
SCC550MD

Louver Type	Depth	AMCA Ratings	Blade/Frame Thickness	Free Area (4' x 4' Unit)	% Free Area	Beginning Point of Water Pen.	Air Volume Flow Rate	Pressure Drop	Max. Qualified Wind-Load	NOA/FL Approval No.
K605MD	5"	AP, WP, 540	0.081/0.081"	8.19 ft ²	51%	1,036 fpm	8,657 cfm	0.26 in H ₂ O	110 PSF	19-0205.07 FL12942.1
K6746MD ^{1,2}	6"	AP, WP, 540, 550	0.081/0.125"	9.41 ft ²	59%	1,250 fpm	11,763 cfm	0.23 in H ₂ O	150 PSF	17-0919.06 FL10093.1
K6746MDE ^{1,2}			0.081/0.081"							20-0929.09 FL19676
K8206AMD	6"	AP, WP, 540, 550	0.081/0.125"	7.27 ft ²	45%	1,113 fpm	8,094 cfm	0.15 in H ₂ O	150 PSF	18-0918.01 FL16743
SCH601MD ^{1,2}	6"	AP, WP, WDR, 540, 550	0.081/0.081"	7.18 ft ²	45%	1,250 fpm	8,975 cfm	0.35 in H ₂ O	150 PSF	17-0919.07 FL10093.3
SCH601MDE ¹				7.58 ft ²	47%	1,250 fpm	9,475 cfm	0.32 in H ₂ O		20-0929.08 FL19673
SCC550MD	5.5"	AP, WP, WDR, 540, 550	0.081/0.081"	8.02 ft ²	50%	1,083 fpm	8,686 cfm	0.44 in H ₂ O	100 PSF	19-0430.04 FL30298

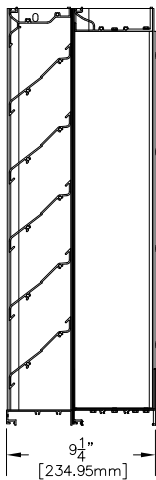
AP = Air Performance, WP = Water Penetration, WDR = Wind-Driven Rain, 540 = AMCA 540 Listed, 550 = AMCA 550 Listed

¹ Available with optional VCD-40 damper mounted on the interior of the louver. ² Complies with TAS-100(A) and AMCA 550 when damper is applied. ³ Complies with TAS-100(A).

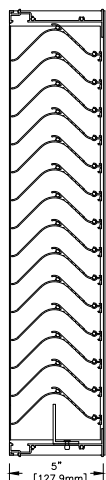
Miami-Dade & Florida Building Code Approved Louvers

Storm Class, Drainable and Acoustic Louver Types

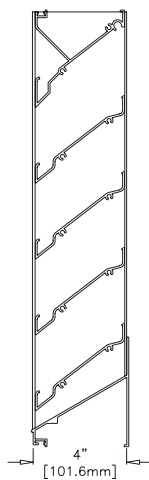
SCH501X



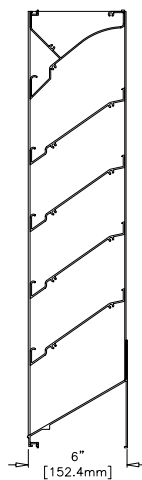
Louver Type
SCC901



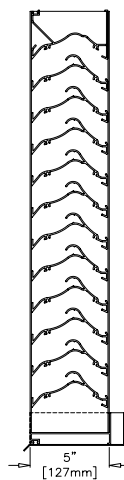
Louver Type
SCV501MD



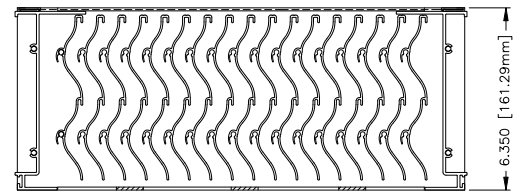
Louver Type
K6744X



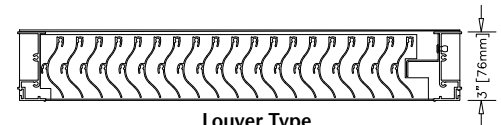
Louver Type
K6746X



Louver Type
SCH501X



Louver Type
SCV660MD

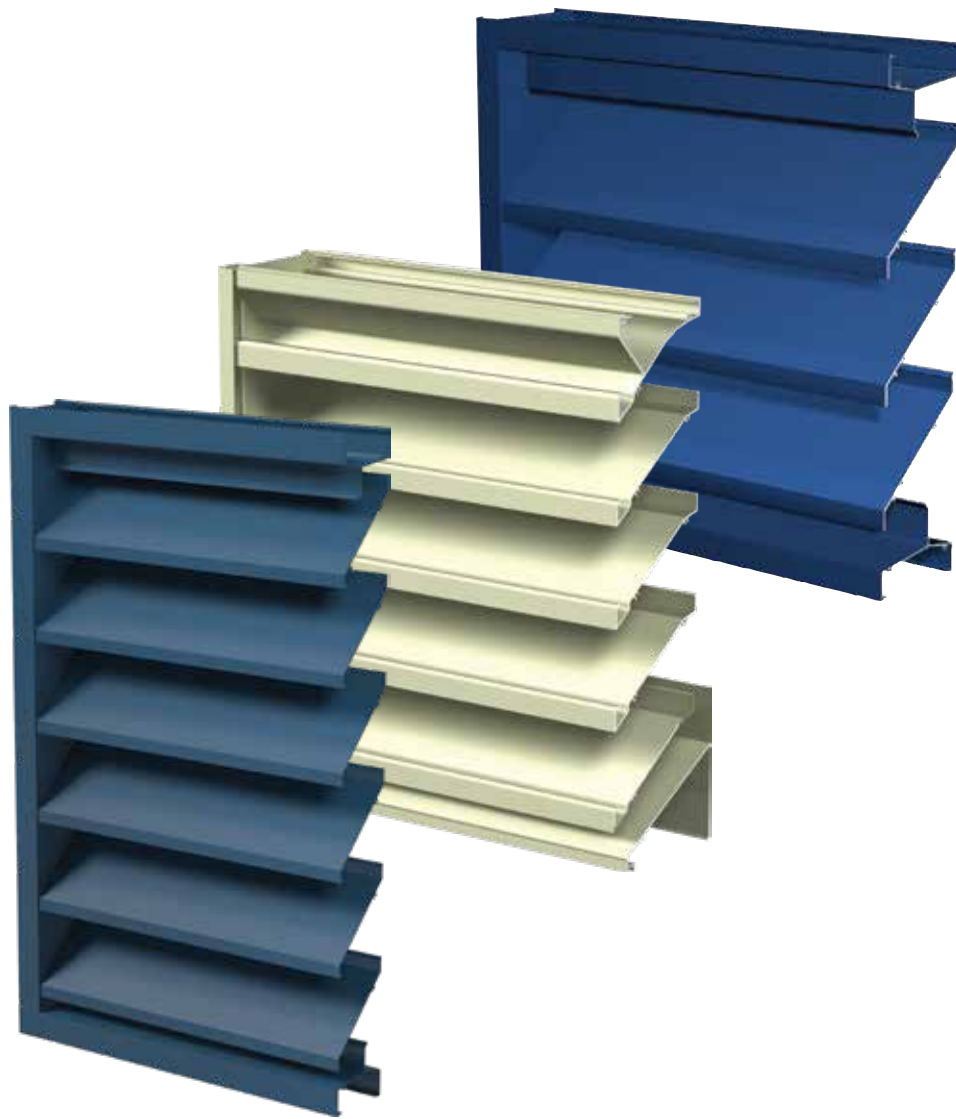


Louver Type
SCV302MD

Louver Type	Depth	AMCA Ratings	Blade/Frame Thickness	Free Area (4' x 4' Unit)	% Free Area	Beginning Point of Water Pen.	Air Volume Flow Rate	Pressure Drop	Max. Qualified Wind-Load	NOA/FL Approval No.
SCC901MD	9.25"	AP, WP, WDR, 540, 550	0.081/0.081"	8.66 ft ²	54%	974 fpm	8,435 cfm	0.32 in H ₂ O	130 PSF	19-0516.12 FL19685
SCV302MD	3"	AP, WP, WDR, 540, 550	0.050/0.081"	8.13 ft ²	51%	1,250 fpm	10,163 cfm	0.28 in H ₂ O	100 PSF	19-0708.13 FL29695
SCV501MD	5"	AP, WP, WDR, 540, 550	0.063/0.081"	8.77 ft ²	55%	1,250 fpm	10,963 cfm	0.29 in H ₂ O	130 PSF	20-0602.03 FL19278.1
SCV660MD ^{1,3}	6"	AP, WP, WDR, 540, 550	0.063/0.095"	7.29 ft ²	46%	1,250 fpm	9,112 cfm	0.18 in H ₂ O	150 PSF	17-0807.21 FL16746.1
K6744X	4"	AP, WP, 540	0.081/0.081"	8.92 ft ²	56%	989 fpm	8,822 cfm	0.16 in H ₂ O	200 PSF	FL15720.1 FL7708.1
K6746X	6"	AP, WP, 540	0.081/0.081"	9.41 ft ²	59%	1,250 fpm	11,763 cfm	0.23 in H ₂ O	200 PSF	FL15720.2 FL7708.2
SCH501X	5"	AP, WP, WDR, 540	0.081/0.081"	6.80 ft ²	43%	1,250 fpm	8,500 cfm	0.18 in H ₂ O	200 PSF	FL15720.3 FL7708.3

AP = Air Performance, WP = Water Penetration, S = Sound, WDR = Wind-Driven Rain, 540 = AMCA 540 Listed, 550 = AMCA 550 Listed

¹ Available with optional VCD-40 damper mounted on the interior of the louver. ² Complies with TAS-100(A) and AMCA 550 when damper is applied. ³ Complies with TAS-100(A).



Stationary Louvers

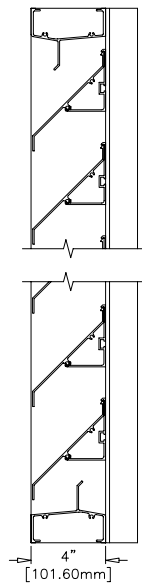
Extruded Stationary
Extruded High Performance
Extruded Drainable
Acoustic

Extruded Sightproof
Narrow Profile
Fabricated Stationary

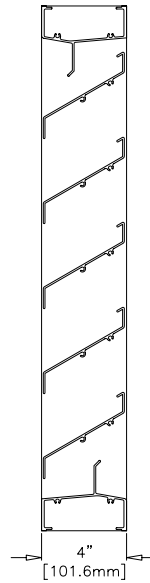
Extruded Aluminum Stationary Louvers

Architectural, Non-Drainable

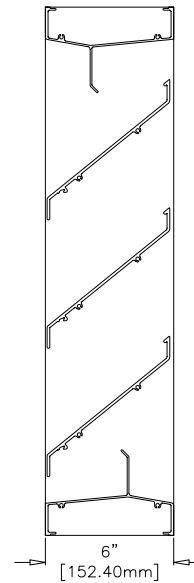
K609



Louver Type
K609



Louver Type
K666



Louver Type
K6096

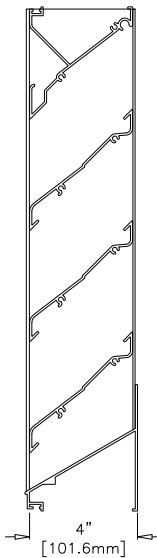
Louver Type	Depth	AMCA Licensed Ratings	Blade/Frame Thickness	Free Area (4' x 4' Unit)	% Free Area	Beginning Point of Water Pen.	Air Volume Flow Rate	Pressure Drop
K609	4"	AP, WP	0.081/0.081"	7.91 ft ²	49%	562 fpm	4,446 cfm	0.06 in H ₂ O
K6096	6"	AP, WP	0.081/0.081"	8.35 ft ²	52%	817 fpm	6,396 cfm	0.10 in H ₂ O
K666	4"	NR	0.081/0.081"	8.52 ft ²	53%	760 fpm	6,475 cfm	0.10 in H ₂ O

AP = Air Performance, WP = Water Penetration, NR = Not Rated

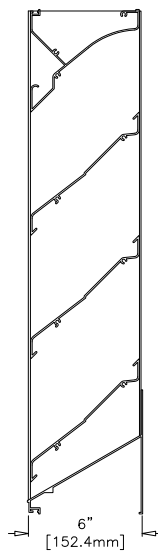
Extruded Aluminum High Performance Louvers

Drainable Head Frame, Non-Drainable Blades

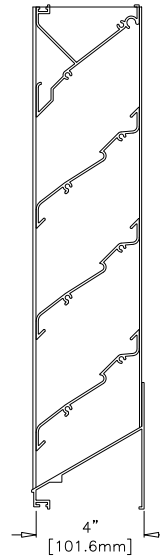
K6746HP



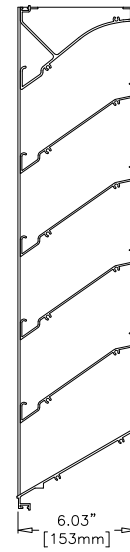
Louver Type
K609HP



Louver Type
K6096HP



Louver Type
K638HP



Louver Type
K6746HP

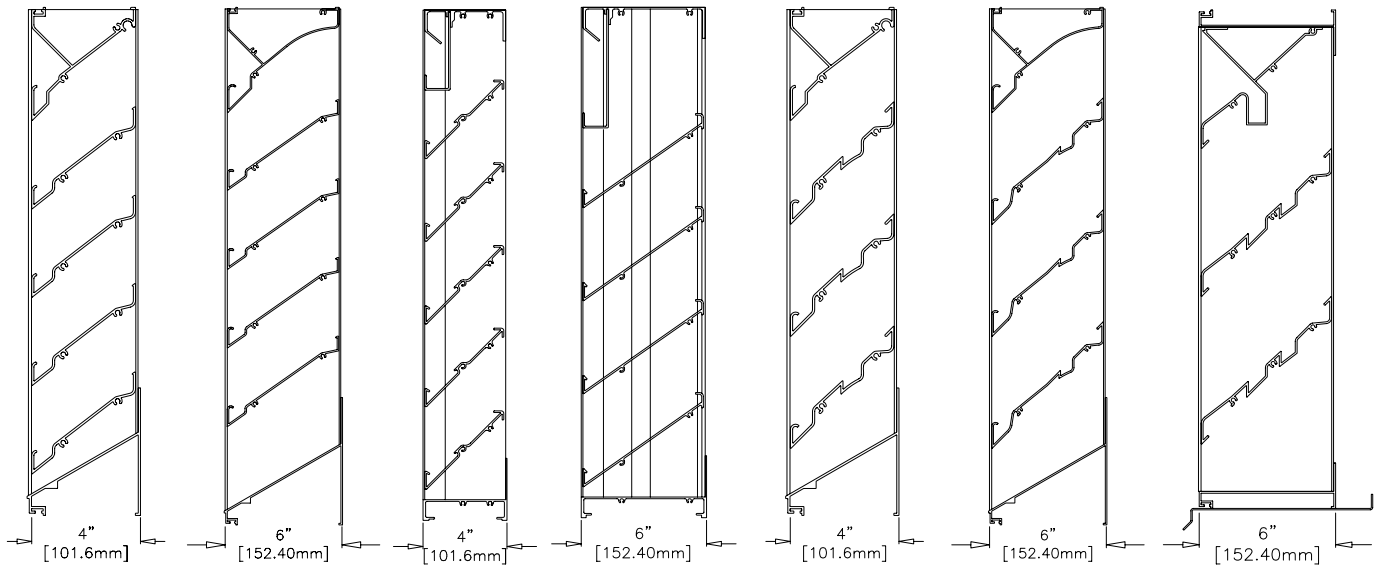
Louver Type	Depth	AMCA Licensed Ratings	Blade/Frame Thickness	Free Area (4' x 4' Unit)	% Free Area	Beginning Point of Water Pen.	Air Volume Flow Rate	Pressure Drop
K609HP	4"	AP, WP	0.081/0.081"	8.32 ft ²	52%	963 fpm	8,012 cfm	0.10 in H ₂ O
K6096HP	6"	AP, WP	0.081/0.081"	8.69 ft ²	54%	998 fpm	8,673 cfm	0.17 in H ₂ O
K638HP	4"	AP, WP	0.081/0.081"	8.49 ft ²	53%	934 fpm	7,930 cfm	0.14 in H ₂ O
K6746HP	6"	AP, WP	0.081/0.081"	9.84 ft ²	62%	910 fpm	8,956 cfm	0.13 in H ₂ O

AP = Air Performance, WP = Water Penetration

Extruded Aluminum Drainable Louvers

Drainable Head Frame, Drainable Blades

K6746



Louver Type
K6744

Louver Type
K6746

Louver Type
K6774

Louver Type
K6776

Louver Type
K6844

Louver Type
K6846

Louver Type
K6856

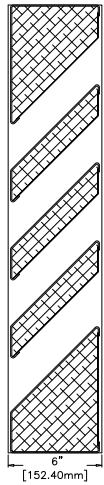
Louver Type	Depth	AMCA Licensed Ratings	Blade/Frame Thickness	Free Area (4' x 4' Unit)	% Free Area	Beginning Point of Water Pen.	Air Volume Flow Rate	Pressure Drop
K6744	4"	AP, WP	0.081/0.081"	8.92 ft ²	56%	989 fpm	8,822 cfm	0.16 in H ₂ O
K6746	6"	AP, WP	0.081/0.081"	9.41 ft ²	59%	1,250 fpm	11,763 cfm	0.23 in H ₂ O
K6774	4"	AP, WP	0.081/0.081"	8.35 ft ²	52%	961 fpm	8,024 cfm	0.14 in H ₂ O
K6776	6"	AP, WP	0.081/0.081"	8.56 ft ²	54%	1,250 fpm	10,700 cfm	0.18 in H ₂ O
K6844	4"	AP, WP	0.081/0.081"	8.22 ft ²	51%	992 fpm	9,140 cfm	0.16 in H ₂ O
K6846	6"	AP, WP	0.081/0.081"	8.58 ft ²	54%	1,201 fpm	10,305 cfm	0.20 in H ₂ O
K6856	6"	AP, WP	0.081/0.081"	7.91 ft ²	49%	1,065 fpm	8,424 cfm	0.15 in H ₂ O

AP = Air Performance, WP = Water Penetration

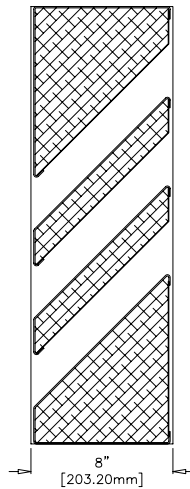
Acoustic Louvers

Parallelogram, Airfoil and
Sightproof Blades

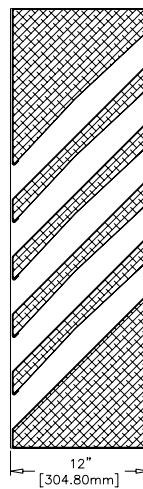
T9106



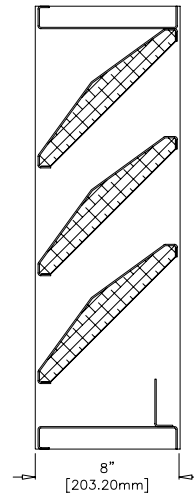
Louver Type
T9106



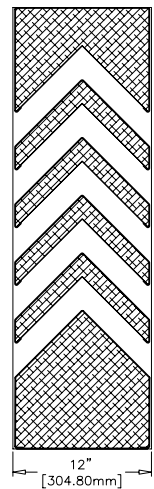
Louver Type
T9108



Louver Type
T9112



Louver Type
T9208



Louver Type
T9612

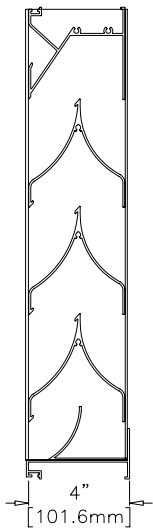
Louver Type	Depth	AMCA Licensed Ratings	Blade/Frame Thickness	Free Area (4' x 4' Unit)	% Free Area	Beginning Point of Water Pen.	Air Volume Flow Rate	Pressure Drop
T9106	6"	AP, WP, S	0.080/0.080"	4.89 ft ²	31%	799 fpm	3,907 cfm	0.06 in H ₂ O
T9108	8"	AP, WP, S	0.080/0.080"	4.28 ft ²	27%	887 fpm	3,798 cfm	0.07 in H ₂ O
T9112	12"	AP, WP, S	0.080/0.080"	3.39 ft ²	21%	1,108 fpm	3,757 cfm	0.11 in H ₂ O
T9208	8"	AP, WP, S	0.080/0.080"	5.21 ft ²	33%	879 fpm	4,520 cfm	0.05 in H ₂ O
T9612	12"	AP, WP, S	0.080/0.080"	4.27 ft ²	27%	830 fpm	3,544 cfm	0.12 in H ₂ O

AP = Air Performance, WP = Water Penetration, S = Sound,

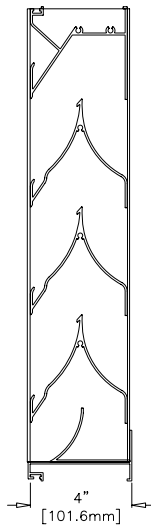
Extruded Aluminum Sightproof Louvers



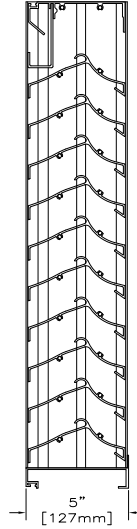
K605D



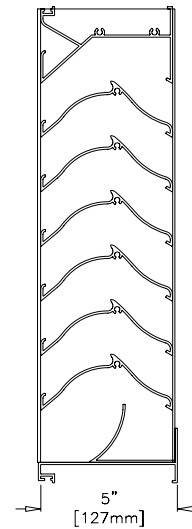
Louver Type
K601



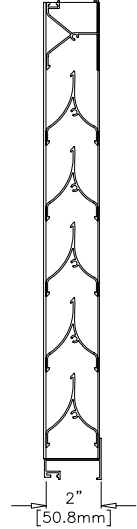
Louver Type
K601D



Louver Type
K605



Louver Type
K605D



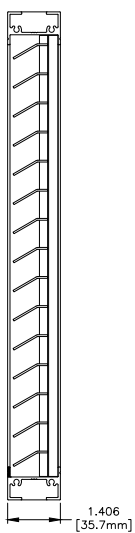
Louver Type
T5832

Louver Type	Depth	AMCA Licensed Ratings	Blade/Frame Thickness	Free Area (4' x 4' Unit)	% Free Area	Beginning Point of Water Pen.	Air Volume Flow Rate	Pressure Drop
K601	4"	AP, WP	0.081/0.081"	5.16 ft ²	33%	765 fpm	3,827 cfm	0.26 in H ₂ O
K601D	4"	AP, WP	0.081/0.081"	5.16 ft ²	33%	747 fpm	3,855 cfm	0.30 in H ₂ O
K605	5"	AP, WP	0.081/0.081"	8.19 ft ²	51%	1,036 fpm	8,485 cfm	0.25 in H ₂ O
K605D	5"	AP, WP	0.081/0.081"	9.11 ft ²	57%	1,134 fpm	10,331 cfm	0.40 in H ₂ O
T5832	2"	AP, WP	0.063/0.063"	3.75 ft ²	23%	516 fpm	1,935 cfm	0.10 in H ₂ O

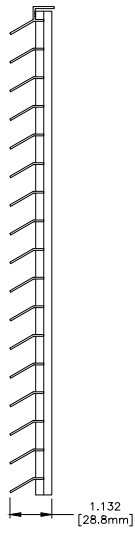
AP = Air Performance, WP = Water Penetration

Narrow Profile Louvers

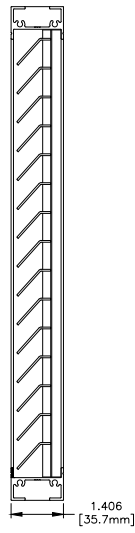
AC153



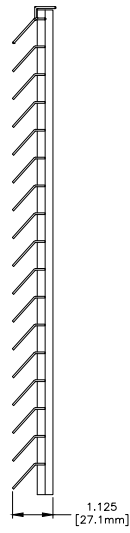
Louver Type
AC153



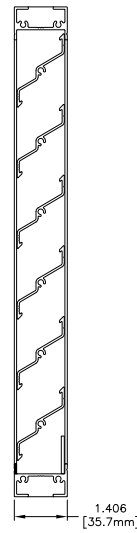
Louver Type
AC153S



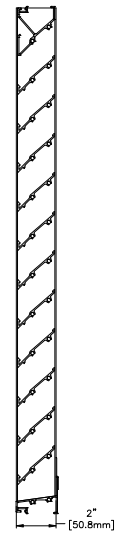
Louver Type
AC154



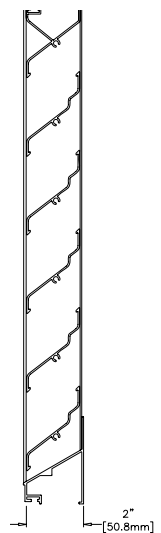
Louver Type
AC154S



Louver Type
AC155



Louver Type
K6772



Louver Type
T6482

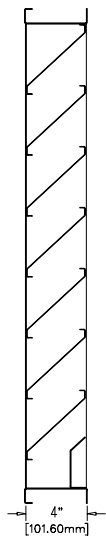
Louver Type	Depth	AMCA Licensed Ratings	Blade/Frame Thickness	Free Area (4' x 4' Unit)	% Free Area	Beginning Point of Water Pen.	Air Volume Flow Rate	Pressure Drop
AC153	1.5"	NR	0.050/0.063"	11.20 ft ²	70%	NR	NR	NR
AC153S	1.25"	NR	0.050"/no frame	11.64 ft ²	73%	NR	NR	NR
AC154	1.5"	NR	0.050/0.063"	8.49 ft ²	53%	NR	NR	NR
AC154S	1.25"	NR	0.050"/no frame	8.77 ft ²	55%	NR	NR	NR
AC155	1.5"	NR	0.056/0.063"	7.35 ft ²	46%	NR	NR	NR
K6772	2"	AP, WP	0.063/0.063"	8.76 ft ²	55%	858 fpm	7,514 cfm	0.10 in H ₂ O
T6482	2"	AP, WP	0.063/0.063"	6.01 ft ²	38%	668 fpm	4,014 cfm	0.06 in H ₂ O

AP = Air Performance, WP = Water Penetration, NR = Not Rated

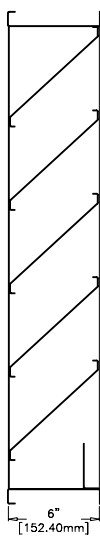
Fabricated Stationary Louvers

Drainable and Non-Drainable

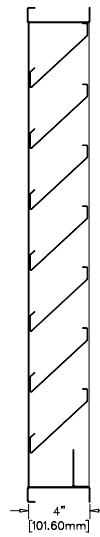
609



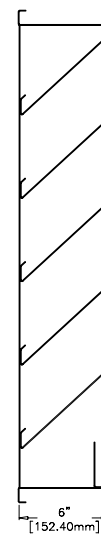
Louver Type
609



Louver Type
6096



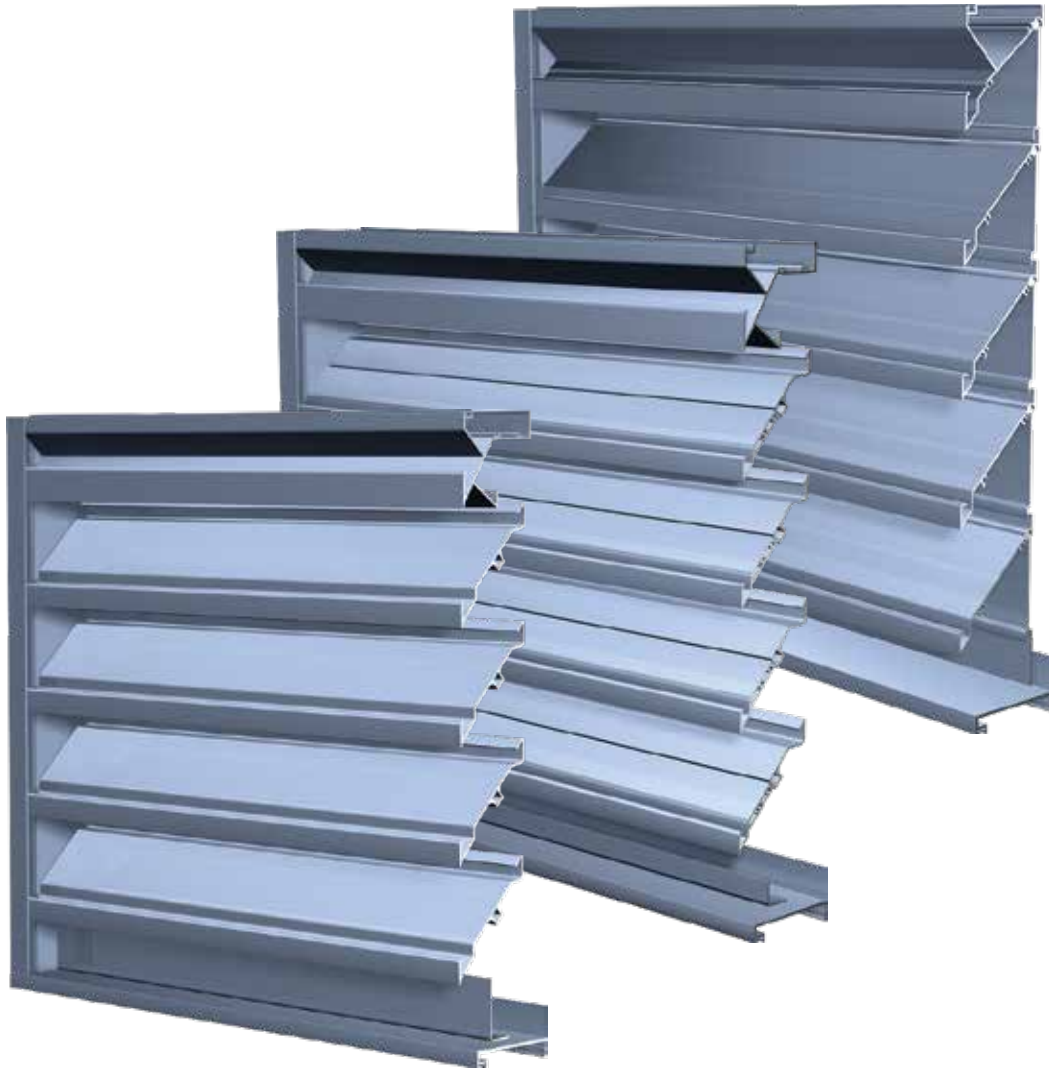
Louver Type
6774



Louver Type
6776

Louver Type	Depth	AMCA Licensed Ratings	Blade/Frame Thickness	Free Area (4' x 4' Unit)	% Free Area	Beginning Point of Water Pen.	Air Volume Flow Rate	Pressure Drop
609	4"	AP, WP	20/16 gauge	7.55 ft ²	47%	839 fpm	6,334 cfm	0.09 in H ₂ O
6096	6"	AP, WP	20/16 gauge	7.57 ft ²	47%	896 fpm	6,783 cfm	0.15 in H ₂ O
6774	4"	AP, WP	20/16 gauge	7.03 ft ²	44%	1,056 fpm	8,788 cfm	0.24 in H ₂ O
6776	6"	AP, WP	20/16 gauge	8.15 ft ²	51%	948 fpm	7,726 cfm	0.18 in H ₂ O

AP = Air Performance, WP = Water Penetration



Operable Louvers

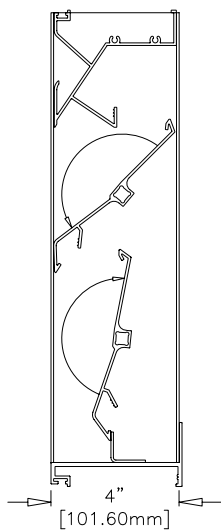
Extruded Adjustable

Fabricated Adjustable

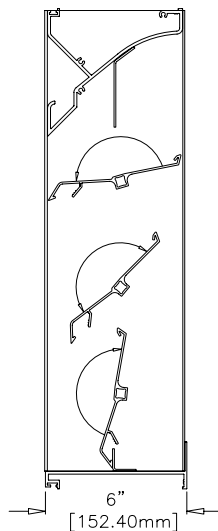
Extruded Combination

Extruded Aluminum Adjustable Louvers

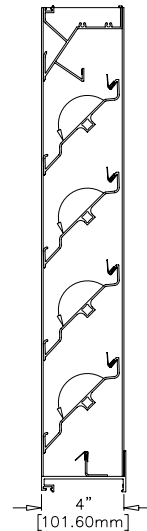
T6784



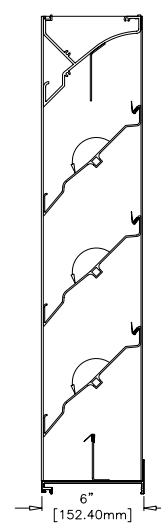
Louver Type
T645



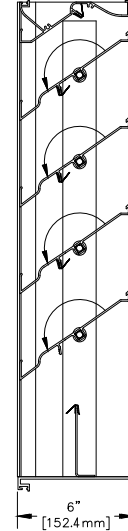
Louver Type
T6636



Louver Type
T6784



Louver Type
T6786



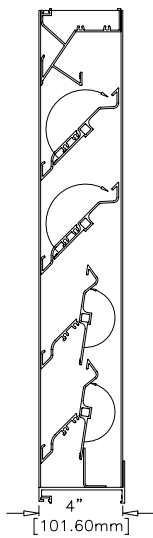
Louver Type
T6796

Louver Type	Depth	AMCA Licensed Ratings	Blade/Frame Thickness	Free Area (4' x 4' Unit)	% Free Area	Beginning Point of Water Pen.	Air Volume Flow Rate	Pressure Drop
T645	4"	AP, WP	0.081/0.125"	6.48 ft ²	41%	1,023 fpm	6,629 cfm	0.17 in H ₂ O
T6636	6"	AP	0.081/0.125"	6.32 ft ²	40%	1,069 fpm	6,756 cfm	0.12 in H ₂ O
T6784	4"	AP, WP	0.081/0.125"	5.81 ft ²	36%	1,250 fpm	7,263 cfm	0.21 in H ₂ O
T6786	6"	AP, WP	0.081/0.081"	7.34 ft ²	46%	1,007 fpm	7,391 cfm	0.12 in H ₂ O
T6796	6"	AP, WP	0.081/0.081"	8.73 ft ²	55%	1,107 fpm	9,664 cfm	0.15 in H ₂ O

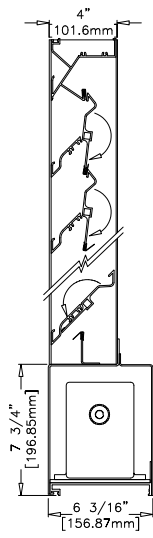
AP = Air Performance, WP = Water Penetration

Extruded Aluminum Combination Louvers

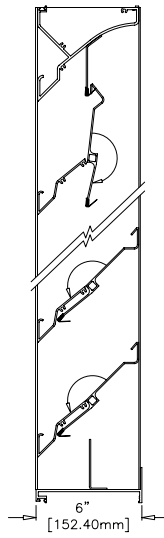
K8204



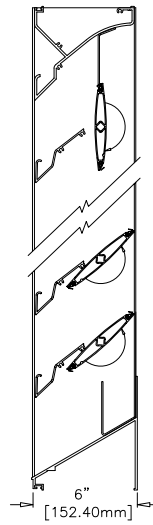
Louver Type
K8204



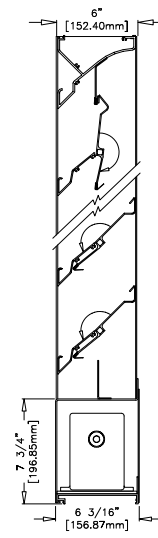
Louver Type
K8204E



Louver Type
K8206



Louver Type
K8206A



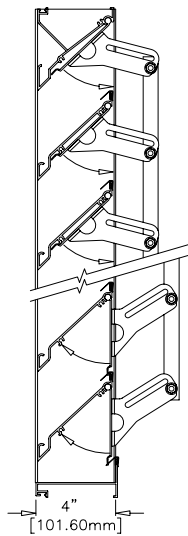
Louver Type
K8206E

Louver Type	Depth	AMCA Licensed Ratings	Blade/Frame Thickness	Free Area (4' x 4' Unit)	% Free Area	Beginning Point of Water Pen.	Air Volume Flow Rate	Pressure Drop
K8204	4"	AP, WP	0.081/0.125"	6.34 ft ²	40%	1,192 fpm	7,557 cfm	0.17 in H ₂ O
K8204E	4"	NR	0.081/0.125"	5.41 ft ²	34%	1,192 fpm	6,663 cfm	0.17 in H ₂ O
K8206	6"	AP, WP	0.081/0.125"	7.41 ft ²	46%	1,020 fpm	7,558 cfm	0.16 in H ₂ O
K8206A	6"	AP, WP	0.081/0.125"	7.68 ft ²	48%	1,221 fpm	9,377 cfm	0.14 in H ₂ O
K8206E	6"	NR	0.081/0.125"	6.20 ft ²	39%	1,020 fpm	6,324 cfm	0.16 in H ₂ O

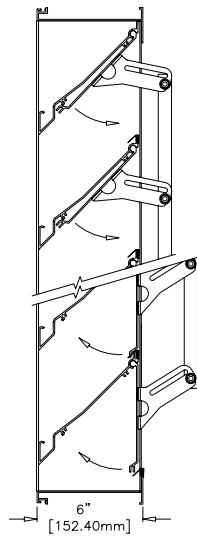
AP = Air Performance, WP = Water Penetration, NR = Not Rated

Extruded Aluminum Combination Louvers

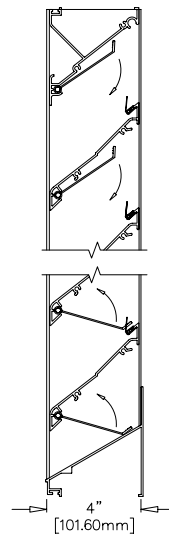
K8504



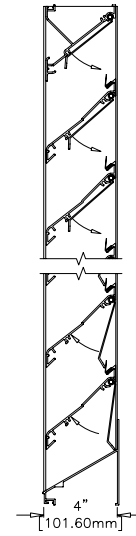
Louver Type
K8504



Louver Type
K8506



Louver Type
KN827



Louver Type
KX827

Louver Type	Depth	AMCA Licensed Ratings	Blade/Frame Thickness	Free Area (4' x 4' Unit)	% Free Area	Beginning Point of Water Pen.	Air Volume Flow Rate	Pressure Drop
K8504	4"	AP, WP	0.081/0.081"	7.60 ft ²	46%	1,018 fpm	6,118 cfm	0.11 in H ₂ O
K8506	6"	AP, WP	0.081/0.081"	7.32 ft ²	46%	1,035 fpm	7,576 cfm	0.14 in H ₂ O
KN827	4"	NR	0.081/0.081"	6.39 ft ²	40%	NR	NR	NR
KX827	4"	NR	0.081/0.081"	6.39 ft ²	40%	NR	NR	NR

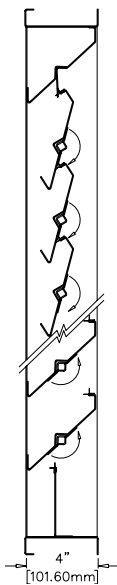
AP = Air Performance, WP = Water Penetration, NR = Not Rated

Fabricated Adjustable Louvers

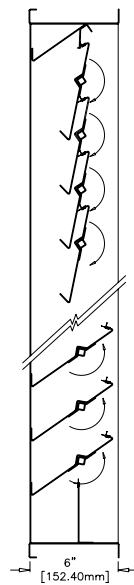
Drainable and Non-Drainable



6786



Louver Type
6784



Louver Type
6786

Louver Type	Depth	AMCA Licensed Ratings	Blade/Frame Thickness	Free Area (4' x 4' Unit)	% Free Area	Beginning Point of Water Pen.	Air Volume Flow Rate	Pressure Drop
6784	4"	AP, WP	16/16 gauge	5.98 ft ²	37%	1,086 fpm	6,494 cfm	0.12 in H ₂ O
6786	6"	AP, WP	16/16 gauge	8.77 ft ²	55%	959 fpm	8,410 cfm	0.10 in H ₂ O

AP = Air Performance, WP = Water Penetration

Special Application Products

AFG501: FEMA 361 Grille

AFG501 is an aluminum louver designed to protect exterior wall penetrations on FEMA 361 or FEMA 320 compliant storm shelters or safe rooms. The design incorporates inverted V style blades, which lend high free area, excellent resistance to water penetration and very low airflow resistance while providing maximum protection against extremely high wind loads and wind-borne debris.



ASL401: Sand Louver

ASL401 is a sand louver designed to protect air intake and exhaust openings in building exterior walls from wind-driven sand. The design incorporates vertical sightproof blades to separate sand from the air stream and channeled out at the sloped sill.



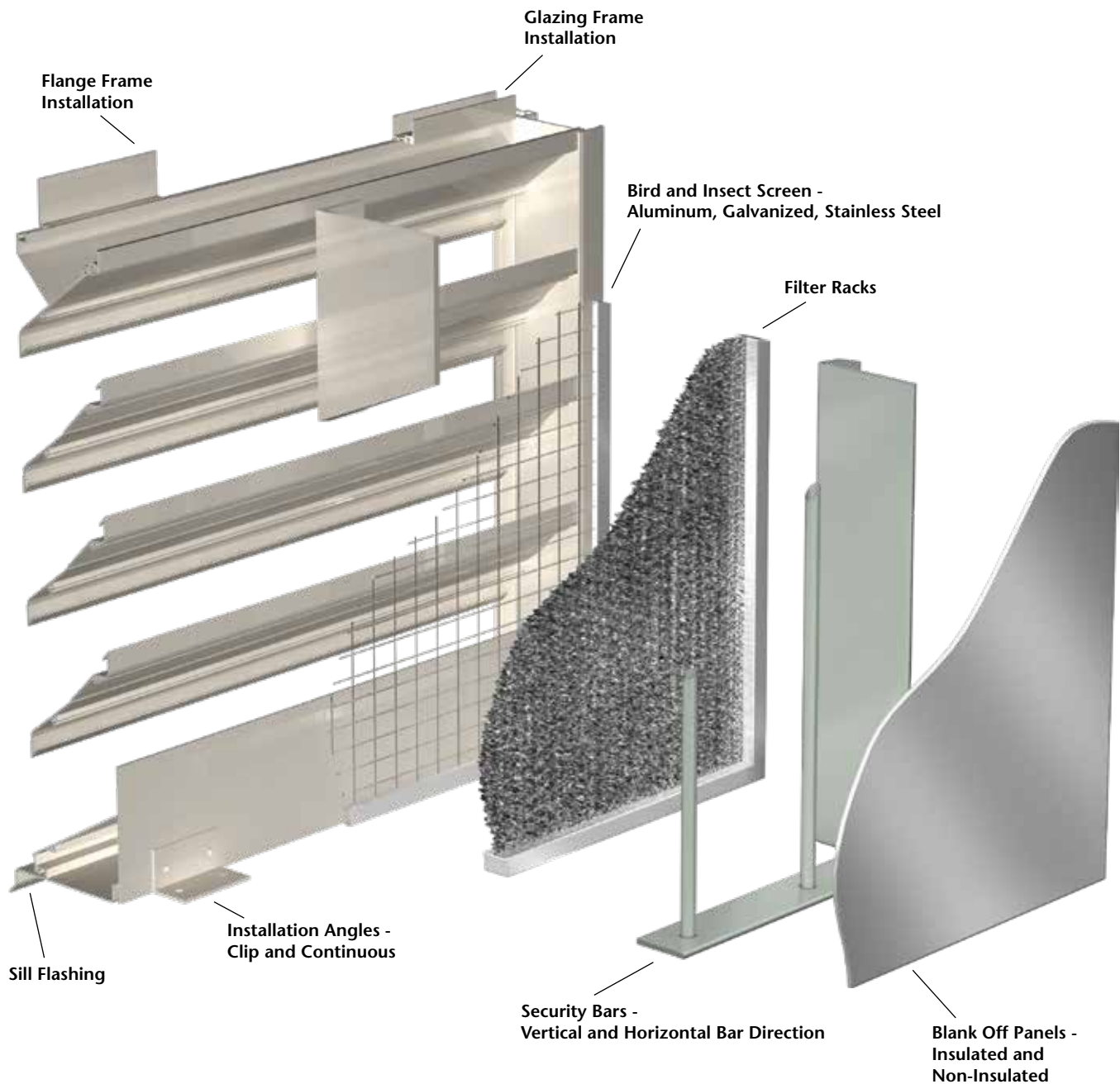
Louver Type	Depth	AMCA Licensed Ratings	Blade/Frame Thickness	Free Area (4' x 4' Unit)	% Free Area	Beginning Point of Water Pen.	Air Volume Flow Rate	Pressure Drop
AFG501	5.5"	AP, WP	0.250/0.250"	7.60 ft ²	48%	634 fpm	4,821 cfm	0.11 in H ₂ O
ASL401	4"	AP	18/18 gauge	4.28 ft ²	27%	NR	NR	NR

AP = Air Performance, WP = Water Penetration, NR = Not Rated

Louver Options and Accessories

ARCHITECTURAL SHAPES

Triangular, Circular and Rectangular



Finishes and Colors



Your vision becomes a reality when you can choose from 33 standard fluoropolymer colors, seven standard anodize colors and limitless custom color options using Airlite's **Color by Choice™** custom color program. Our knowledgeable, in-house color and finish experts listen carefully to your ideas and will work to achieve your goal.

BAKED ENAMEL: Louvers shall be cleaned, pretreated and FINISHED-AFTER-ASSEMBLY with an oven-cured thermosetting baked enamel finish that meets or exceeds the performance requirements of AAMA 2603, "Voluntary Specification Performance Requirements and Test Procedures for Pigmented Organic Coatings."

2-COAT FLUOROPOLYMER: Louvers shall be cleaned, pretreated and FINISHED-AFTER-ASSEMBLY with an inhibitive primer and oven-cured Kynar 500® / Hylar 5000® resin coating with a minimum of 1.2 mils dry-film coating thickness that meets or exceeds the performance requirements of AAMA 2605, "Voluntary Specification, Performance Requirements and Test Procedures for Superior Performance Organic Coatings on Aluminum Extrusions and Panels."

3-COAT FLUOROPOLYMER: Louvers shall be cleaned, pretreated and FINISHED-AFTER-ASSEMBLY with an inhibitive primer and oven-cured Kynar 500® / Hylar 5000® resin coating with a minimum of 2.0 mils dry-film coating thickness that meets or exceeds the performance requirements of AAMA 2605, "Voluntary Specification, Performance Requirements and Test Procedures for Superior Performance Organic Coatings on Aluminum Extrusions and Panels."

CLEAR ANODIZE¹: Louvers shall be FINISHED-AFTER-ASSEMBLY with a Class I clear anodized coating (AA-M10C22A41) that complies with the performance requirements of AAMA Specification 611-98, "Voluntary Specification for Anodized Architectural Aluminum."

COLOR ANODIZE¹: Louvers shall be FINISHED-AFTER-ASSEMBLY with a Class I electrolytically color anodized coating (AA-M10C22A42/44) that complies with the performance requirements of AAMA Specification 611-98, "Voluntary Specification for Anodized Architectural Aluminum." Color shall be (select one): Champagne, Light Bronze, Medium Bronze, Dark Bronze, Extra Dark Bronze or Black Anodize.

100% FLUOROPOLYMER (FEVE) SINGLE COAT: Louvers shall be FINISHED-AFTER-ASSEMBLY with a single-coat fluoropolymer finish containing 100 percent fluorinated ethylene vinyl ether (FEVE) resin, which meets or exceeds the performance requirements of AAMA 2605, "Voluntary Specification, Performance Requirements and Test Procedures for Superior Performance Organic Coatings on Aluminum Extrusions and Panels."

Finishes meet or exceed AAMA 2605, AAMA 2604, and AAMA 2603 requirements. Please consult the factory for complete information on standard and extended paint warranties.

¹ Anodize finishes are not recommended for sun controls and other architectural products that use multiple types of aluminum alloy, due to color inconsistencies.

* Reference the Airlite Finishes and Colors brochure for more information.



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