

Architectural Grilles & Screens



AIROLITE
The look that works.™

Architectural and High-Performance Louvers, Grilles, Screens, Sun Controls

Fulfilling vision. Getting it right.

Reputation

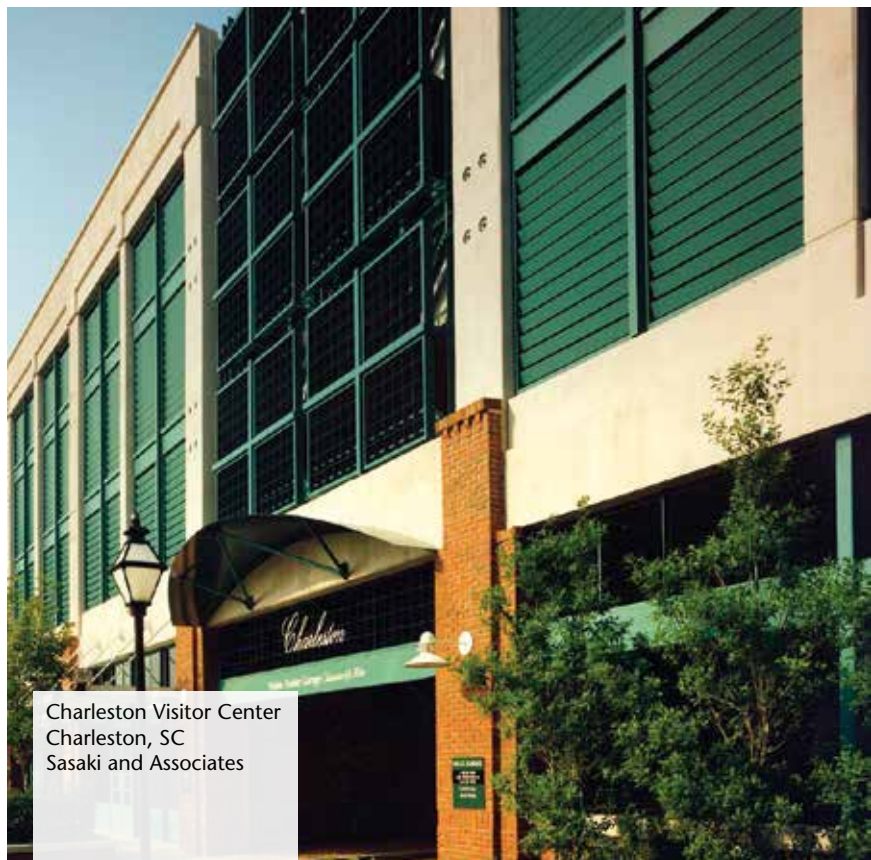
Since 1919, the Airlite brand has stood for quality, durability and integrity. First associated with the design and manufacture of practical metal louver door panels, the Airlite brand has evolved into a wide range of architectural building products known for innovative and superior engineering, superb craftsmanship and extraordinary aesthetic appeal. Today, the Airlite brand proudly represents the highest quality and most attractive custom and standard architectural louvers, grilles, louver screens and sun controls available.

Design and Engineering

All Airlite products are crafted to your unique design and custom requirements, whether based on existing product platforms or new product development. Our state-of-the-art test facilities position Airlite as an industry leader in developing products that excel in performance under new and emerging test procedures and code requirements. Bottom line: you get “The look that works.”

Project Management

Inevitably, dreams meet schedules. Ideas meet deadlines. Airlite’s project management and customer service teams are experts who balance your ultimate vision with on-time delivery. Customer-driven, we strive to achieve lasting relationships.



Charleston Visitor Center
Charleston, SC
Sasaki and Associates



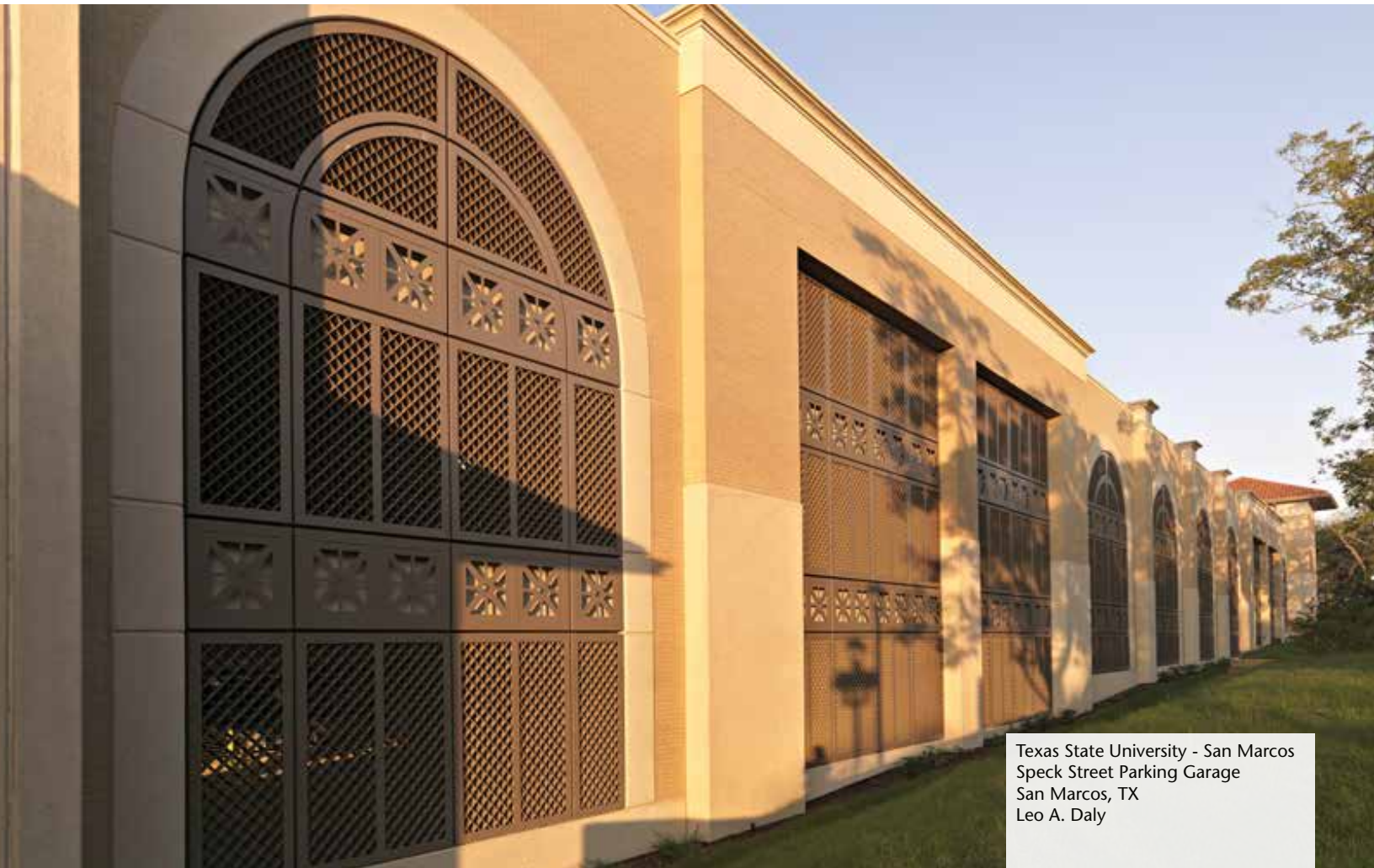
St. Joseph Hospital East Tower
Bellingham, WA
Robert D Lynn Associates

Exacting Detail. Custom Design.

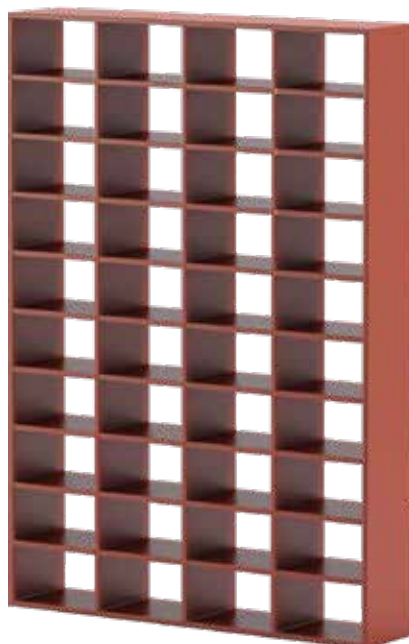
Airolite architectural grilles and screens are both functional and decorative and can add detail and character to any building. They can be custom-designed to your specification by indicating the blade type, depth and rotation, and frame type, as well as vertical and horizontal member spacing.

Architectural grilles and screens function as architectural accents or entire facades, sight or solar screens, and security barriers. They are fabricated from extruded aluminum, assembled entirely by welding and finished-after-assembly to ensure the highest product quality and durability available.

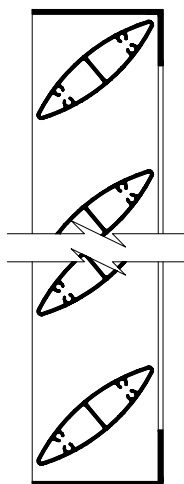
Airolite architectural grilles and screens are the perfect finishing touch to any building to achieve "The look that works."



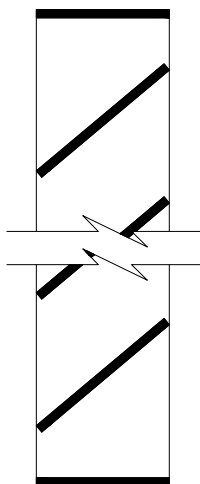
Bar Grilles



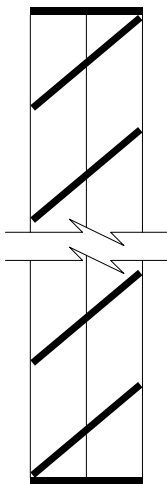
Grille Type
Linear Bar



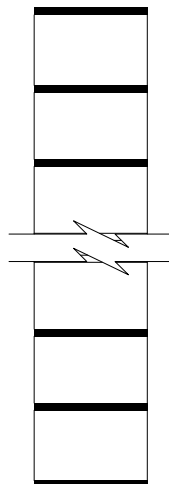
Grille Type
Airfoil



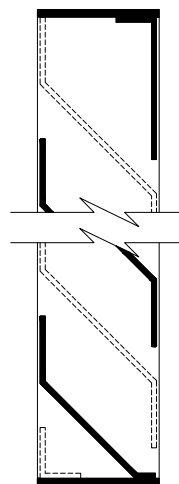
Grille Type
Angular Bar



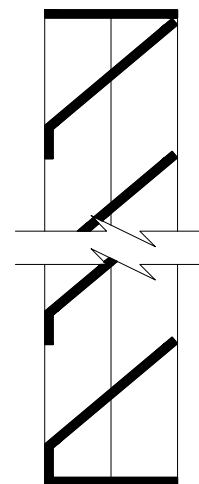
Grille Type
Continue-Line



Grille Type
Linear Bar



Grille Type
Gemini

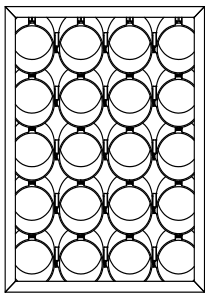


Grille Type
Solar-Line

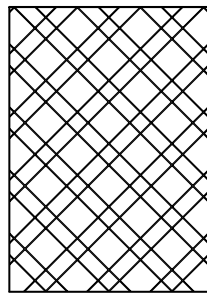
Grille Type	Model Name	Depth	Material Thickness	Blade Angle	Horizontal Spacing	Vertical Spacing
Airfoil	AFG100	3.5 - 6"	0.081"	0 - 60°	2 - 12"	n/a
Angular Bar	ABG100	2 - 6"	0.081 - 0.250"	0 - 60°	2 - 12"	2 - 12"
Continue-Line	CBG100	2 - 6"	0.081 - 0.250"	0 - 45°	2 - 12"	2 - 12"
Linear Bar	LBG100	2 - 6"	0.081 - 0.250"	n/a	2 - 12"	2 - 12"
Gemini	GIG100	3 - 6"	0.081 - 0.250"	45°	5.5 - 11"	9 - 48"
Solar-Line	SLG100	2 - 6"	0.081 - 0.250"	0 - 45°	2 - 12"	2 - 12"

Geometric Grilles

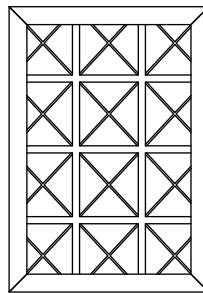
Grille Type
Prism



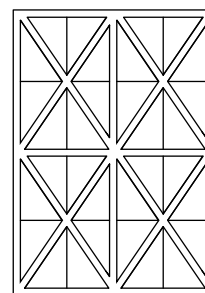
Grille Type
Circular



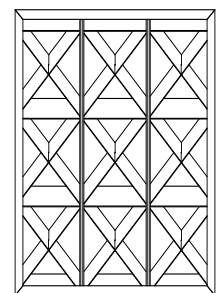
Grille Type
Matrix



Grille Type
Prism



Grille Type
Sansome



Grille Type
Tetra

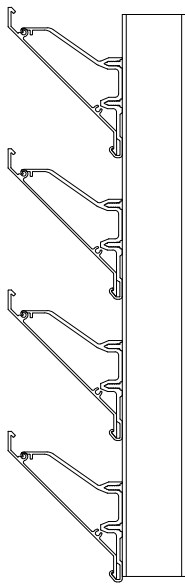
Grille Type	Model Name	Depth	Material Thickness	Blade Angle	Horizontal Spacing	Vertical Spacing
Circular	CGG100	2 - 6"	0.100"	0 - 45°	6" on center	6" on center
Matrix	MG100	2 - 6"	0.081 - 0.250"	n/a	2 - 12"	2 - 12"
Prism	PDG100	2 - 4"	0.081 - 0.125"	n/a	4 - 12"	4 - 12"
Sansome	GSG100	2 - 6"	0.250 - 0.500"	n/a	n/a	n/a
Tetra	TG100	2 - 4"	0.081 - 0.125"	0 - 45°	4 - 12"	4 - 12"

Louver Screens

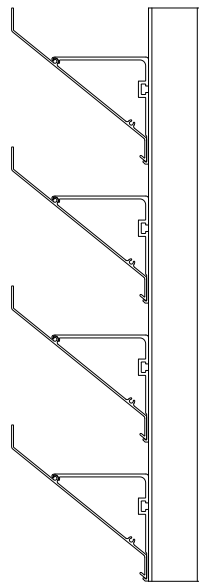
Horizontal Blade



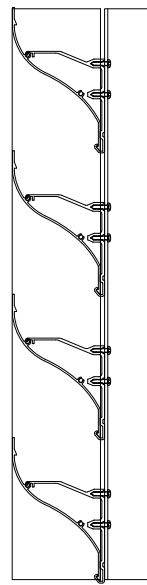
Screen Type
ENCB609



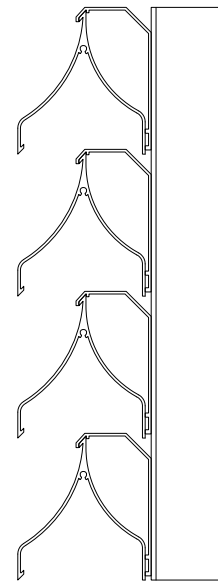
Screen Type
ENCB609



Screen Type
ENCB6096



Screen Type
ENCB6500



Screen Type
SCB601

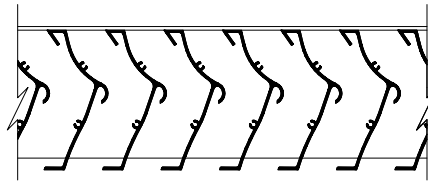
Screen Type	Depth	Material Thickness	Free Area (4' x 4' Unit)	% Free Area	Vertical Support
ENCB609	4"	0.081"	8.23 ft ²	51%	Extruded Aluminum Z-Support
ENCB6096	6"	0.081"	8.39 ft ²	52%	Extruded Aluminum Z-Support
ENCB6500	4"	0.081"	8.00 ft ²	50%	Extruded Aluminum Z-Support
SCB601	4"	0.081"	5.65 ft ²	35%	Extruded Aluminum Z-Support

Louver Screens

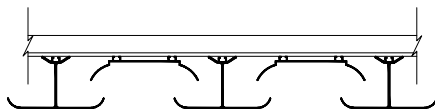
Vertical Blade



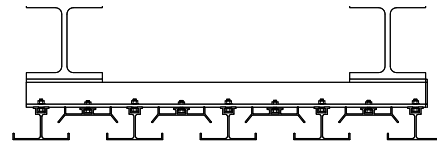
Screen Type
SV962



Screen Type
CV605



Screen Type
SV961



Screen Type
SV962

Screen Type	Depth	Material Thickness	Free Area (4' x 4' Unit)	% Free Area	Horizontal Support
CV605	5"	0.081"	8.82 ft ²	55%	2 x 2 x 0.25" Angle
SV961	3.75"	0.081"	3.84 ft ²	24%	2 x 2 x 0.25" Angle
SV962	2"	0.081"	2.67 ft ²	17%	2 x 2 x 0.19" Angle

Finishes and Colors

Your vision becomes reality when you can choose from 33 standard fluoropolymer colors, seven standard anodize colors and limitless custom color matching possibilities. Our knowledgeable in-house color and finish experts listen carefully to your ideas and will work hard to help you 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 minimum 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 minimum 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-M10C21A41) 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-M10C21A44) 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.

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 Aiolite Finishes and Colors brochure for more information.



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P.O. Box 410, 525 Western Road, Schofield, WI 54476-0410 USA
715.841.8757 • fax 715.841.8773 • www.airolite.com



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