



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 Airolite brand has stood for quality, durability and integrity. First associated with the design and manufacture of practical metal louver door panels, the Airolite 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 Airolite 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 Airolite 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 Airolite 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. Airolite’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.

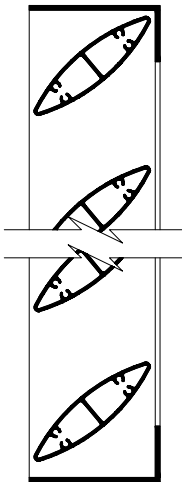
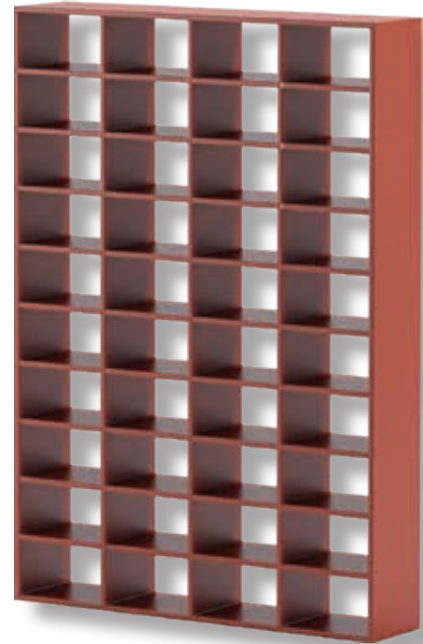
Airolite architectural grilles and screens are the perfect finishing touch to any building to achieve "The look that works."



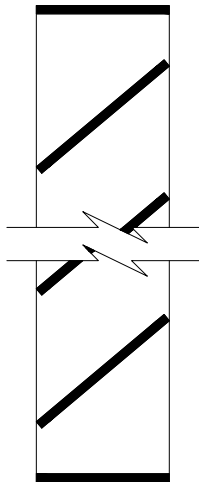
Texas State University - San Marcos
Speck Street Parking Garage
San Marcos, TX
Leo A. Daly

Bar Grilles

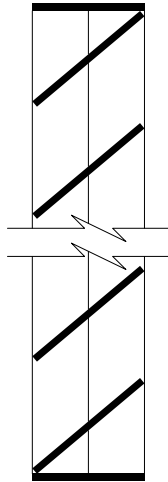
Grille Type
Linear Bar



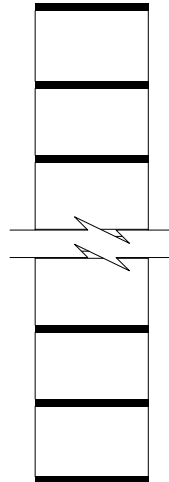
Grille Type
Airfoil



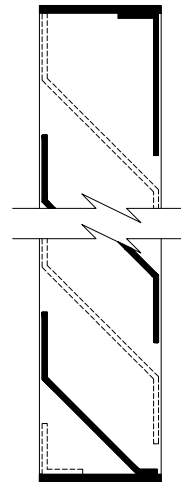
Grille Type
Angular Bar



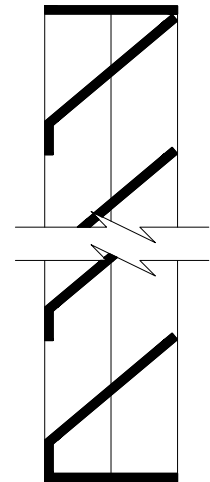
Grille Type
Continue-Line



Grille Type
Linear Bar



Grille Type
Gemini

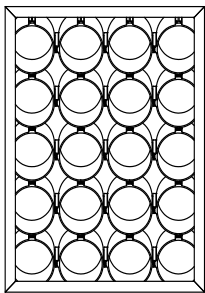
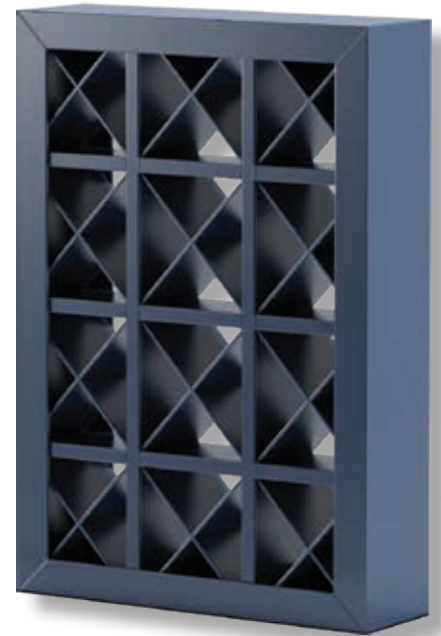


Grille Type
Solar-Line

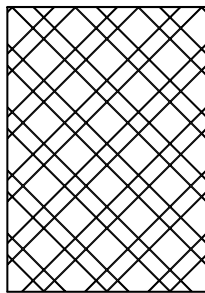
| Grille Type | Model Name | Depth | Material Thickness | Blade Angle | Horizontal Spacing | Vertical Spacing |
|---------------|------------|----------|--------------------|-------------|--------------------|------------------|
| Airfoil | AFG100 | 3.5 - 6" | 0.081" | 0 - 60° | 2 - 12" | n/a |
| Angular 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

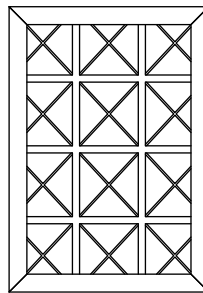
Grille Type
Prism



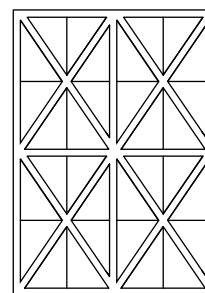
Grille Type
Circular



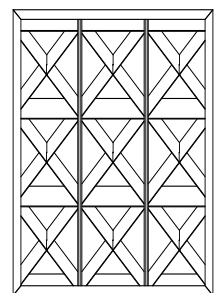
Grille Type
Matrix



Grille Type
Prism



Grille Type
Sansome



Grille Type
Tetra

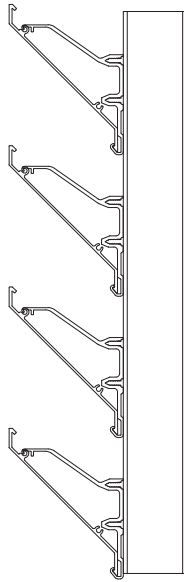
| Grille Type | Model Name | Depth | Material Thickness | Blade Angle | Horizontal Spacing | Vertical Spacing |
|-------------|------------|--------|--------------------|-------------|--------------------|------------------|
| Circular | CGG100 | 2 - 6" | 0.100" | 0 - 60° | 6" on center | 6" on center |
| 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

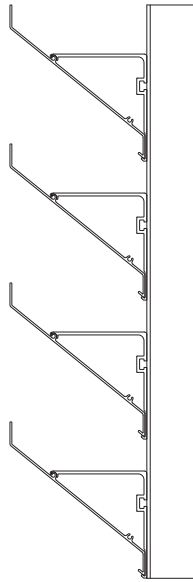
Horizontal Blade



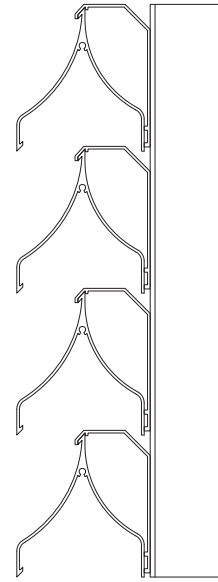
Screen Type
ENCB609



Screen Type
ENCB609



Screen Type
ENCB6096

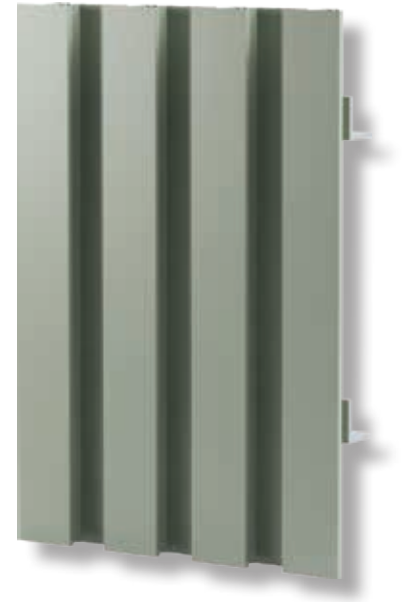


Screen Type
SCB601

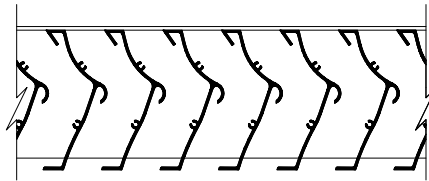
| Screen Type | Depth | Material Thickness | Free Area (4' x 4' Unit) | % Free Area | Horizontal Support |
|-------------|-------|--------------------|--------------------------|-------------|-----------------------------|
| ENCB609 | 4" | 0.081" | 8.23 ft ² | 51% | Extruded Aluminum Z-Support |
| ENCB6096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

Louver Screens

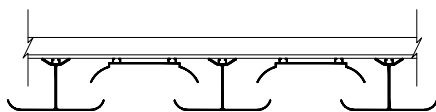
Vertical Blade



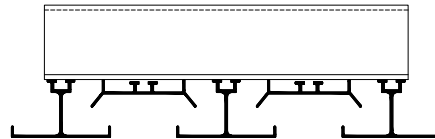
Screen Type
SV962



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 | 1.75" | 0.063" | 4.16 ft ² | 26% | 2 x 2 x 0.25" Angle |

Finishes and Colors

Your vision becomes reality when you can choose from 39 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.



ACRYLIC ENAMEL: Louvers shall be cleaned, pretreated and FINISHED-AFTER-ASSEMBLY with an oven-cured thermosetting acrylic 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 Airolite Finishes and Colors brochure for more information.



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