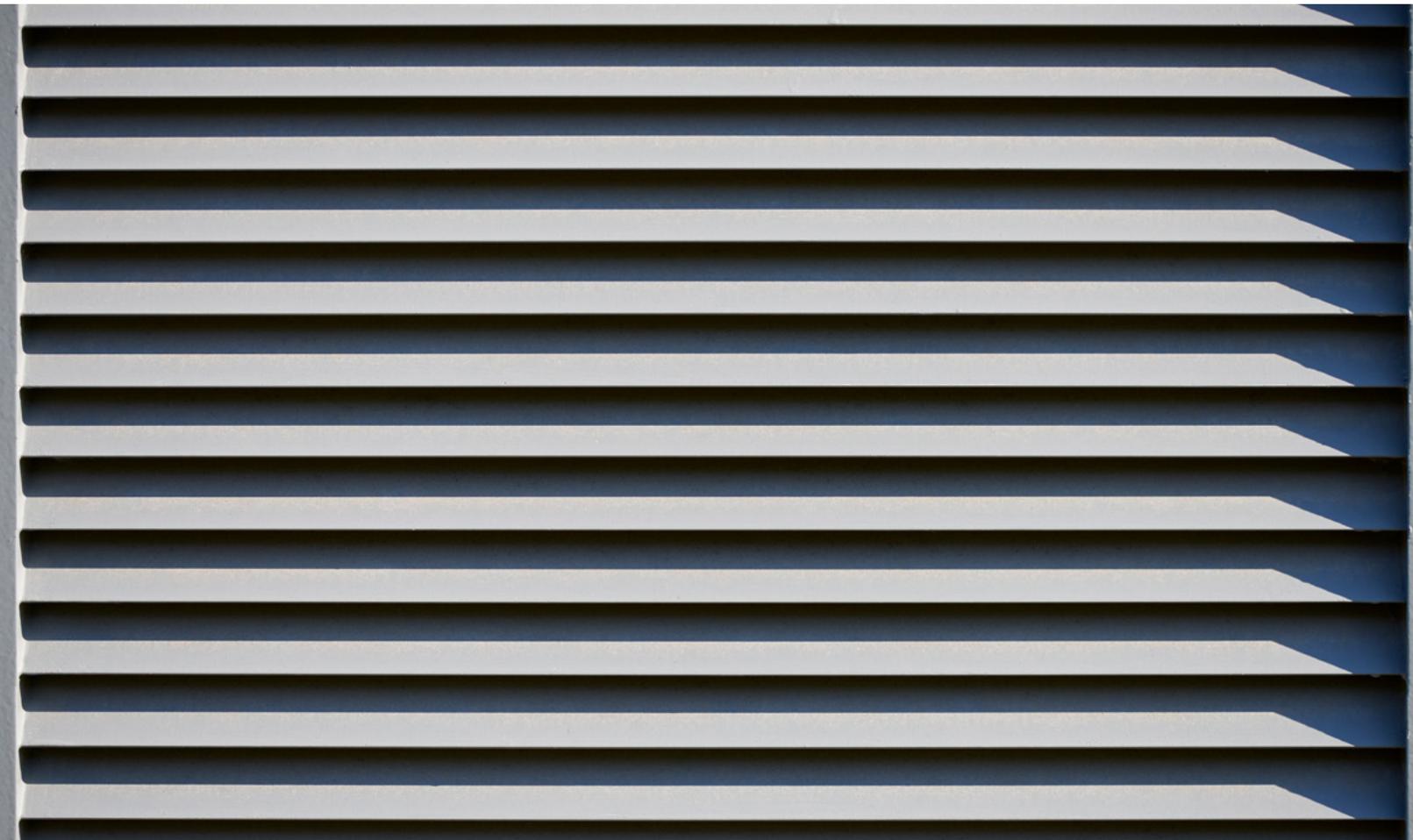


RELIABLE

Architectural Louvers



www.reliablelouvers.com

Reliable Products

Reliable Products manufactures quality architectural and mechanical louvers for the construction and hospitality industry. The industry leader in through-the-wall Packaged Terminal Air Conditioner (PTAC) louvers, we also offer a full line of wall louvers for intake and exhaust applications. Whether your job is large or small, a new build or a renovation, Reliable Products can provide the right louvers for any project. Let our experienced sales and engineering staff assist you with any standard or special applications you may have.

Our commitment to product development has produced a wide variety of louver models for almost every application. Many years of joint research and development efforts with all major PTAC and Vertical Terminal Air Conditioner (VTAC) manufacturers have produced the AEL Series Louvers, which are approved by manufacturers for use on their equipment.

These louvers are designed to the exact performance and installation requirements of each PTAC unit, and are available for standard or special-sized units. Reliable Products utilizes the latest louver design technology and manufacturing processes to increase the performance and value of our products.

Special drainable frame and blade systems are used on many models to provide greater protection from water penetration than standard louvers. We produce specific models with all-welded construction, which make them stronger and more durable than mechanically fastened louvers from other manufacturers. We offer horizontal and vertical blade Weather-Resistant Louvers that feature wind-driven rain performance approved by the Air Movement and Control Association (AMCA). We also use Polyvinylidene Fluoride (PVDF) paint and anodized finish lines to ensure we supply high-quality finished products.

Reliable Products offers the highest quality louver products available for a variety of applications. Whether you need PTAC/VTAC or other speciality thinlines, intake/exhaust wall louvers, or louvers to prevent the entrance of wind-driven rain, Reliable Products has a product to meet your requirements.



Applications

Thinline louvers

AEL Series louvers are used in numerous applications, the most frequent being new builds and renovations of hotels and motels. Other uses are retirement and nursing homes, extended care facilities, college dorms, hospitals, and offices. They are also used for sunscreens, penthouses, and equipment screens.

Stationary, Sightproof and Drainable Louvers

These louvers are used for air intake or exhaust in wall-mounted applications. Non-drainable models provide an attractive continuous blade appearance and are available in special round and triangular configurations. Sightproof models offer complete sight restriction and prevent tampering through the louvers. Drainable models combine high air performance and impressive rain penetration protection.

Weather-Resistant Louvers

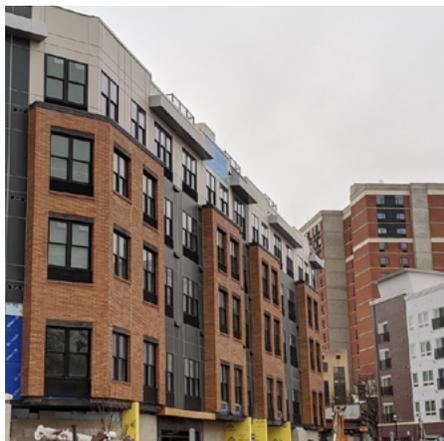
These models are the ultimate in weather protection for wall applications. Where standard louvers are designed to minimize water penetration under "still air" conditions, Weather-Resistant Louvers are designed specifically to prevent wind-driven rain penetrating the interior of the building. Each model is simultaneously tested under severe rain, wind and system airflow conditions. These louvers provide the highest level of protection available against water penetration in any situation. They also provide solutions for high-airflow and small-opening conditions common to many retrofit and air handler applications. Some of these louvers are approved in Florida and certified in Miami-Dade County. They provide strong protection against the toughest weather conditions.

Adjustable and Combination Louvers

Our wall louvers provide the air shut-off capability often required in warehouse and emergency generator applications. Adjustable Louver blades operate from open to close, preventing airflow when they are not needed or under inclement weather situations. Combination Louvers combine front stationary louver blades with rear operating blades to create a consistent exterior appearance regardless of the operable blade position. Both Adjustable and Combination Louvers are available with a variety of manual, electric and pneumatic actuators.

Sunshades

Our broad range of sunshade products provide you with aesthetically appealing solutions when you need to reduce the effects of sunlight or simply add decorative appeal to your building. We offer many blade, fascia, outrigger and attachment methods. These sunshades use our wide range of finishing colors to make your building stand out and look its best.



Materials

Reliable Products takes great care to use only the best materials when fabricating our louver products to ensure customer satisfaction. Specification sheets that outline various material shapes, designs, dimensions and material thicknesses are available on request.

Finishes

Reliable Products uses in-house polyvinylidene fluoride (PVDF) paint and anodized finishes. Painted finishes include 50 percent PVDF Baked Enamel, two-coat PVDF 500 in solid and mica colors, and three-coat PVDF 500 in exotic and metallic colors. Painted finishes requiring special colors are computer matched in-house from customer samples. A limited 20-year warranty is available on most painted finishes. The finishes we offer include Class 1 and 2 Clear and Color anodized. Color anodize is available in Light, Medium, Dark Bronze and Black. All finishes are completed in our manufacturing/paint facilities to ensure quick delivery of our product.



Commitment to our customers

Reliable Products continually strives for success. We demonstrate this commitment to our customers by participating in various memberships, certifications and affiliations.

Reliable Products is committed to improving the environmental contribution to LEED certification

Our sunshades preserve energy while reducing solar heat gain in summer months, which redirects sunlight to be used more effectively in the colder months. Sunshades control glare, increase illumination and maintain a connection to the outdoors. Depending on job location, our products can be transported within a 500-mile radius. These variables help our customers obtain Leadership in Energy and Environmental Design (LEED) credits.

Reliable Products is an ISO 9001:2015 registered company

The requirements for creating and maintaining a quality management system are defined by this standard. By conforming with ISO 9001:2015, Reliable Products can manage, track and

improve performance in a way that is compatible with our company's quality objectives. Our quality management system includes consideration for potential sources of customer dissatisfaction and efforts toward continual improvement.

Reliable Products is an ISO 14001 environmental and ISO 45001 safety registered company

Many Reliable Products models are AMCA-licensed

Our products have air performance and water penetration data ratings based on tests and procedures conducted in accordance with AMCA Publication 511. All Reliable Products models are tested with a mill finish. We certify that 245D, 6375DC, 6350DS, 4375FD, 445FB, 6375FD, 7DDWRG, 4375B, 4375D, 4375Z, 6RRSV, 5DDWRG, 445RDHBD, 6375D, 6375RDABL, 6375Z, 1245RAAZ, 445RAAZ, 845RAAZ, 645DD, 6425DD, 6375RBABL, and 445RD are licensed to bear the AMCA Certified Ratings Seal. Ratings do not include the effects of bird screen.



Selector Guide

Model	Depth	Blade type/Spacing	Free area
Stationary Fixed Blade Louvers			
15045RZ	1.5"	Horizontal - 1 7/8"	50%
245RB	2"	Horizontal - 3 3/16"	42%
245D	2"	Horizontal - 3 3/16"	38%
4375DC	4"	Horizontal - 5 3/32"	54%
4375Z*	4"	Horizontal - 5 3/32"	54%
4375B	4"	Horizontal - 4 3/4"	44%
4375D*	4"	Horizontal - 5 3/32"	54%
445RGZ5	4"	Horizontal - 5"	44%
445RZD5	4"	Horizontal - 5"	45%
445RD*	4"	Horizontal - 4"	53%
445DD	4"	Horizontal - 5 3/32"	44%
538T	4 3/8"	Variable - 4 3/8"	
4RC-V	4"	Vertical - 4"	22%
6375D*	6"	Horizontal - 5 29/32"	57%
6375DC	6"	Horizontal - 6"	57%
6375Z*	6"	Horizontal - 6"	55%
6425DD*	6"	Horizontal - 5"	51%
645RB	6"	Horizontal - 6"	48%
645DD*	6"	Horizontal - 6"	44%
Extruded High Performance Louvers			
5DDWRG	5"	Horizontal - 2"	44%
6RRSV	6"	Vertical - 1 1/2"	42%
7DDWRG	7"	Horizontal - 4"	56%

Model	Depth	Blade type
Stationary Fixed Blade Louvers		
AEL-42	1.125"	42° Standard
AEL-30	1.100"	30° Standard
AEL-45	1.125"	45° Standard
"Hurricane" PTAC Louver		
AEL-42D-7060	2.000"	42° Standard
AEL-42-7020W	1.265"	42° Standard

Channel frames, flange frames and glazing frames are available.
Approved for through-the wall application by all PTAC manufacturers.

Model	Model
Wallbox Louvers	
AEL-92-266	HDAL-45-H-CF
AEL-92-266-L	HDAL-45-H-CF-L
AEL-268-266	HDAL-45-H-FF
AEL-268-266-L	HDAL-45-H-FF-L
AEL-92-267	HDAL-45-V-CF
AEL-92-267-L	HDAL-45-V-CF-L
AEL-268-267	HDAL-45-V-FF
AEL-268-267-L	HDAL-45-V-FF-L
AEL-268-266-D	
AEL-268-266-D-L	

92 = Horizontal Blade
268 = Vertical Blade
266 = Channel Frame
267 = Flange Frame
L = Lattice

D = Double Stacked
H = Horizontal Blade
V = Vertical Blade
CF = Channel Frame
FF = Flange Frame

Available products*:

- Air Discharge Louvers
- Adjustable Louvers
- Louver/Damper Combinations
- Acoustical Louvers
- Decorative Screens
- Dampers
- Various Bird and Insect Screens

*Available in standard and custom colors

All louvers available in the following finishes:

- Mill
- Baked Enamel (50 percent PVDF)
- PVDF (70 percent)
- PVDF 3-Coat (70 percent)
- Clear Anodized
- Color Anodized

Light, Medium, Dark Bronze and Black

Pending NOA (Notice of Acceptance) Approval

Pending NOA Approval

Thinline Louvers

The industry's leading manufacturer and supplier of PTAC/VTAC architectural louvers

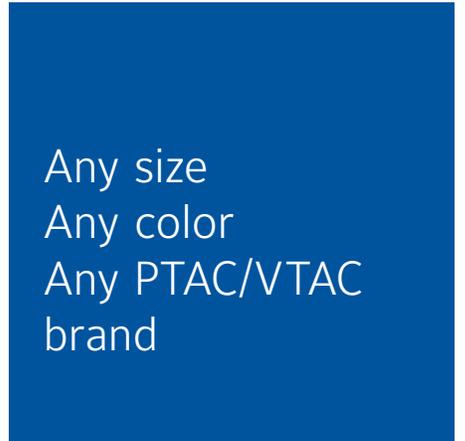
Reliable Products has been the leading manufacturer and supplier of the AEL-42 and AEL-30 thinline louvers for PTAC/VTAC original equipment manufacturers for more than 45 years. With a louver from Reliable Products, you can rest assured the PTAC/VTAC performance will not be hindered because of an incorrect intake/exhaust or air conditioning attachment application. You will also receive a quality product with a 20-year guaranteed finish. Call us today for a custom quote and let our experienced staff determine the best application for your needs. Size options, various frames, specific air conditioning brand compatibility, blank off, and finish choices help you choose the perfect product for your property.



PTAC Application



VTAC Application



The **AEL** thinline louver dramatically enhances the appearance of your property.

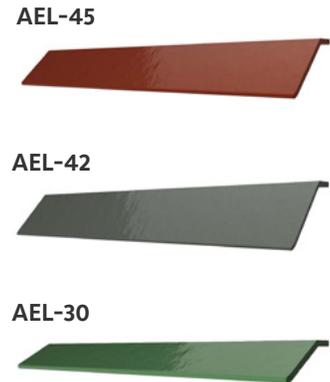
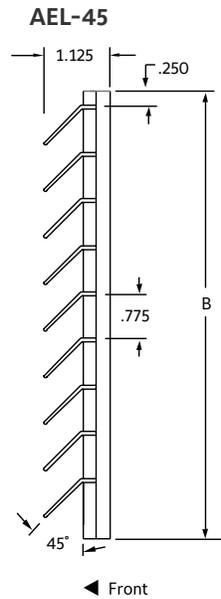
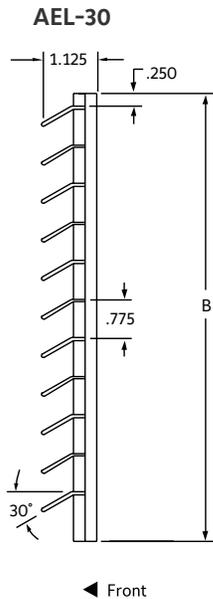
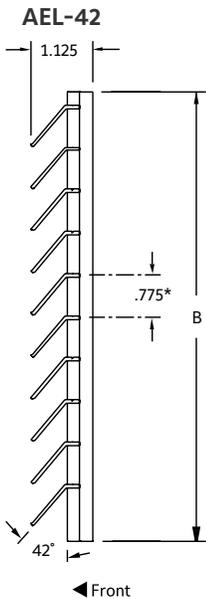
Thinline Louvers For PTAC/VTAC applications

The **AEL-42** architectural extruded aluminum louver meets the required free area, bar arrangements, 42-degree blade angle and unit attachments for PTAC units. It also provides a thin, slimline decorative appeal that enhances the outside appearance of any facility. It is the most frequently used louver with PTAC through-the-wall units. This louver is available in standard or special sizes with various frame choices and finishes.

The **AEL-30** architectural extruded aluminum louver has a 30-degree blade angle and is used with VTAC air conditioning/

heating units that have higher free air requirements. It is available in various sizes and finishes to meet your need for a pleasing outside appearance where VTAC units are utilized.

The **AEL-45** architectural slimline louver is generally used for decorative purposes, or as an intake or exhaust application where water penetration is not an issue. Some PTAC units require the 45-degree blade as a standard louver.



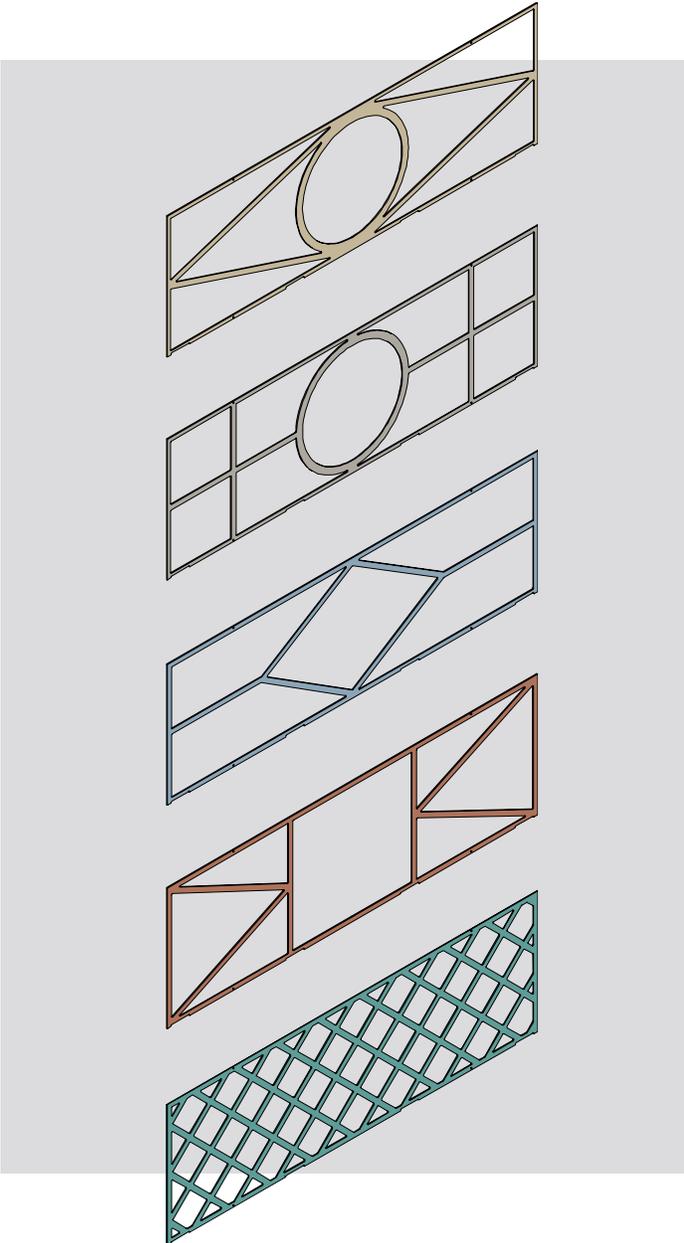
Model	Blade material	Blade spacing	Blade angle
Thinline Louvers for PTAC/VTAC applications			
AEL-42	.048/.062 Extruded Aluminum	.775"	42° Standard
AEL-30	.048/.062 Extruded Aluminum	.775"	30° Standard
AEL-45	.048/.062 Extruded Aluminum	.775"	45° Standard

1. The AEL Series louvers are available with a variety of glazing, channel or flange frames.
2. Reliable Products is the leader in the Architectural PTAC louver industry. Reliable Products is approved for all through-the wall louver applications.
3. The following options are available: non-insulated, insulated, blank off, insect and bird screens.

Medallions

Enhance your property's standard PTAC louvers with a décor medallion. Contrasting or tone-on-tone paint colors will truly set your building apart. These medallions add extra decorative appeal to any louver application. For an exclusive or special design, please send us a sketch or idea for an accurate quote.

Examples of current designs:



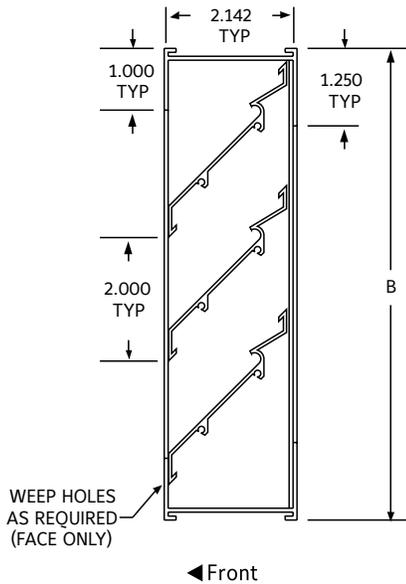
Wallbox Louvers For unit ventilator application

Our Wallbox Louvers are available in three models, including two horizontal and one vertical blade series. These louvers are generally used with unit ventilators and are approved by the major manufacturers in the heating and cooling industry. The louvers are available with a number of accessories, such as a standard bird screen with options including a protective lattice, subframes and other models of insect and bird screens. The standard finish is satin anodized with all other finishes optional. The AEL-92, AEL-268 and Heavy Duty Architectural Louvers (HDAL) are approved for different types of units. Call Reliable Products or your unit supplier for information on which louver best suits your unit ventilator.

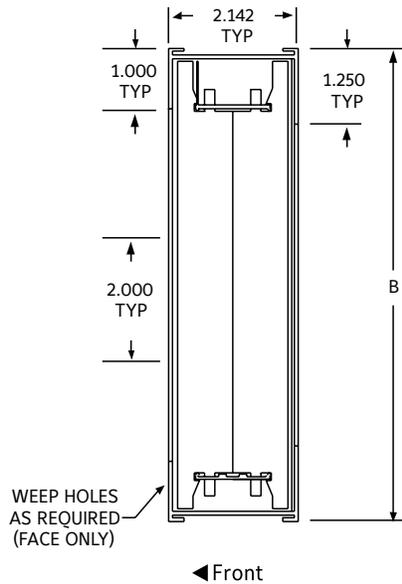


AEL-92-266, AEL-268-267, HDAL-45-H-CF

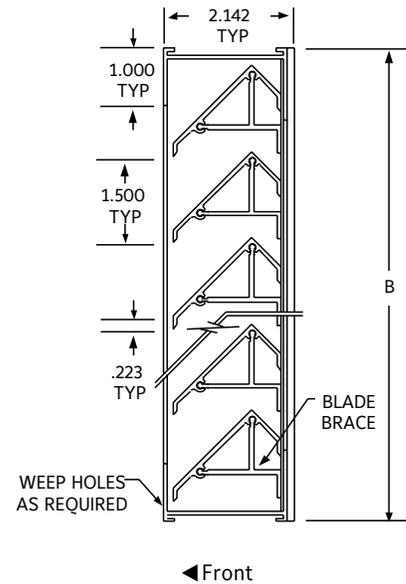
AEL-92-266



AEL-268-267



HDAL-45-H-CF



Model	Blade spacing	Blade type
Wallbox Louvers for unit ventilator application		
AEL-92-266	2"	Horizontal
AEL-268-267	.75"	Vertical
HDAL-45-H-CF	1.5"	Horizontal

The following options are available: lattice, subframes, double stacked, channel frame, and flange frame.

Stationary Louvers

Stationary blade louvers are equipped with standard J-style or baffle blades. These louvers generally meet free area requirements and provide an architecturally pleasing appearance while also providing functional usages. These louvers are available in 1.5", 2", 4" and 6" depths. All Reliable Products finishes are available and a standard insect or bird screen is included. These louvers are manufactured with an all-welded construction and are available in special shapes. The 15045RZ provides good free area when water penetration is not a great concern. The 4375B provides excellent free area and a baffle storm blade on a 37.5-degree angle, while the 4375Z provides a standard blade on a 37.5-degree blade angle. The Z blade also has excellent free area. The 645RB has a 6" depth and provides a 45-degree blade.



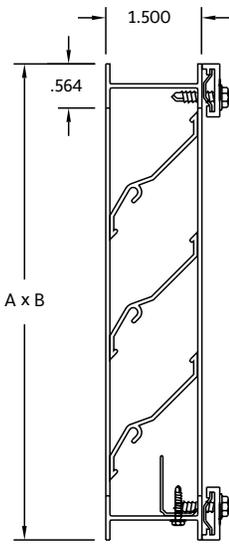
Reliable Products certifies that the 4375B and 4375Z louvers shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program.

The AMCA Certified Ratings Seal applies to Water Penetration and Air Performance Ratings only. The 15045RZ and 645RB louvers are not licensed featured models to bear the AMCA seal.



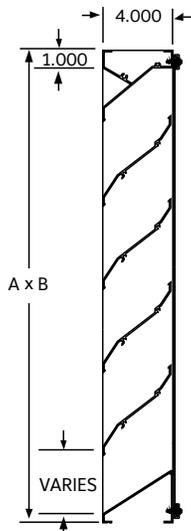
Featured models

15045RZ



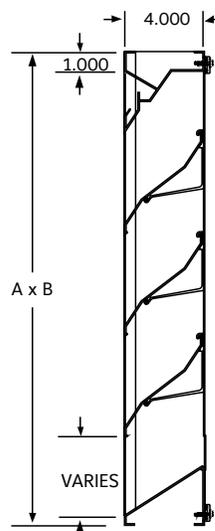
◀ Front

4375B
AMCA Licensed



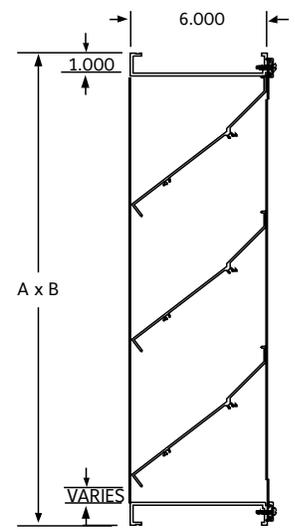
◀ Front

4375Z
AMCA Licensed



◀ Front

645RB



◀ Front

Model	Free area	Water penetration fpm (m/min)	Blade material	Blade spacing	Pressure drop inches w.g.(kpd)	Blade angle
Stationary Louvers						
15045RZ	50%	390 (119)	.062 Extruded Aluminum (119)	1.875"	.03 (.01)	45° Standard
4375B	52%	696 (212)	.081 Extruded Aluminum (212)	4.75"	.12 (.03)	37.5° Baffle
4375Z	54%	803 (282)	.081 Extruded Aluminum (245)	5.094"	.15 (.04)	37.5° Standard
645RB	48%	680 (207)	.081 Extruded Aluminum (307)	6"	.06 (.02)	45° Blade

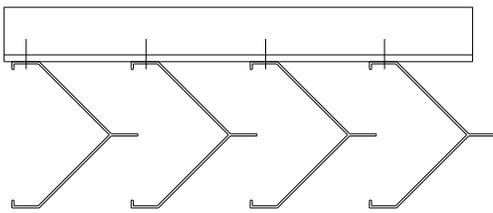
Sightproof Louvers and Equipment Screens

The 245RBI, 445RBI, 538T, and 250T shape blades and models provide airflow with complete sight restriction and restricted access through the blades. Their extruded aluminum construction creates an attractive and sturdy barrier against vandals and general tampering. These models are well suited for applications in public areas where privacy and security are key requirements. These models are also useful as vision barriers to conceal ground-level objects such as electrical/mechanical equipment or dumpsters. A standard bird or insect screen is provided. These models are also available with any painted or anodized finishes.

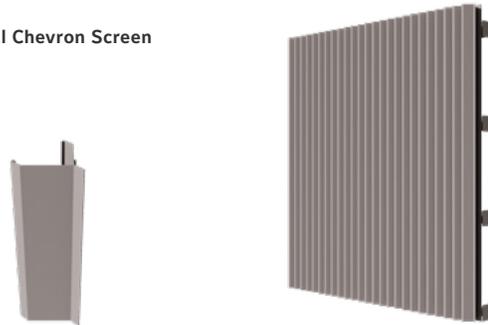


Model	Free area	Water penetration (m/min)	Blade material	Blade spacing	Blade type
Sightproof Louvers					
245RBI	42%	-	.060 Extruded Aluminum	3.1875"	Thinline
445RBI	High free area for various sizes	-	.080 Extruded Aluminum	5"	Variable
538T	High free area for various sizes	-	.080 Extruded Aluminum	Variable	Chevron
250T			.081 Extruded Aluminum	5-6.5"	Vertical Sightproof

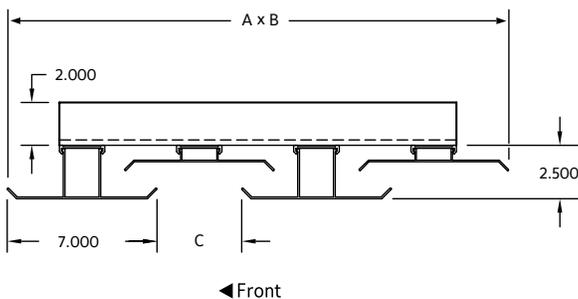
538T



538T Vertical Chevron Screen



250T



- Sightproof
- Economical
- Lightweight
- Boxed corners
- Architecturally styled

The 538T **Vertical Chevron Screen** is an all-aluminum construction so the unit is lightweight, low maintenance, and resistant to corrosion. Sightproof design and architecturally styled with hidden supports for attractive appearance.

Drainable Blade Louvers

Drainable louvers provide a gutter for water disposal. These louvers generally meet free area requirements, while providing extra water protection compared to the standard "J" or baffle blade. All Reliable Products finishes are available and a standard insect or bird screen is included. These drainable louvers are available in 2", 4" and 6" models. Drainable series louvers are manufactured with an all-welded construction and are available in special shapes. The 245D provides minimal free area, although it offers a gutter drain for rain disposal. The 445RD has excellent free area, as well as a 45-degree drainable blade. The 4375D also gives you comparable free area with a 37.5-degree blade angle. The 6375D provides a 6" depth with drainable blade and outstanding free area of 57 percent.

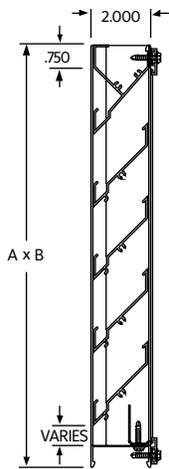


Reliable Products certifies that the 245D, 4375D, and 6375D louvers shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program.

The AMCA Certified Ratings Seal applies to Water Penetration and Air Performance Ratings only. The 445RD and 445DD louvers are not licensed to bear the AMCA Seal.

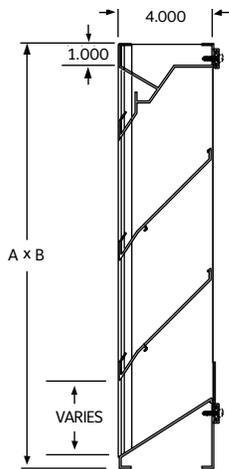
Featured models

245D
AMCA Licensed



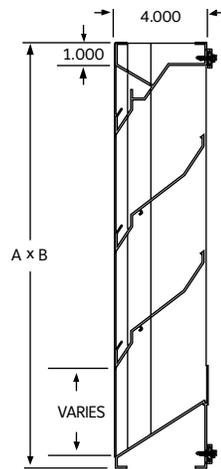
◀Front

445RD



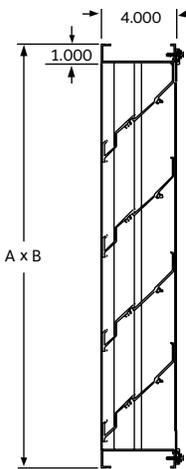
◀Front

4375D
AMCA Licensed



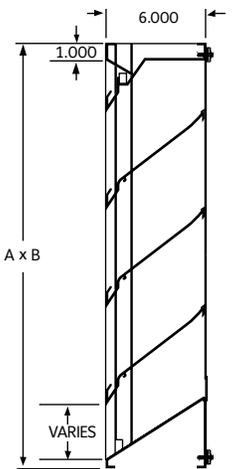
◀Front

445DD



◀Front

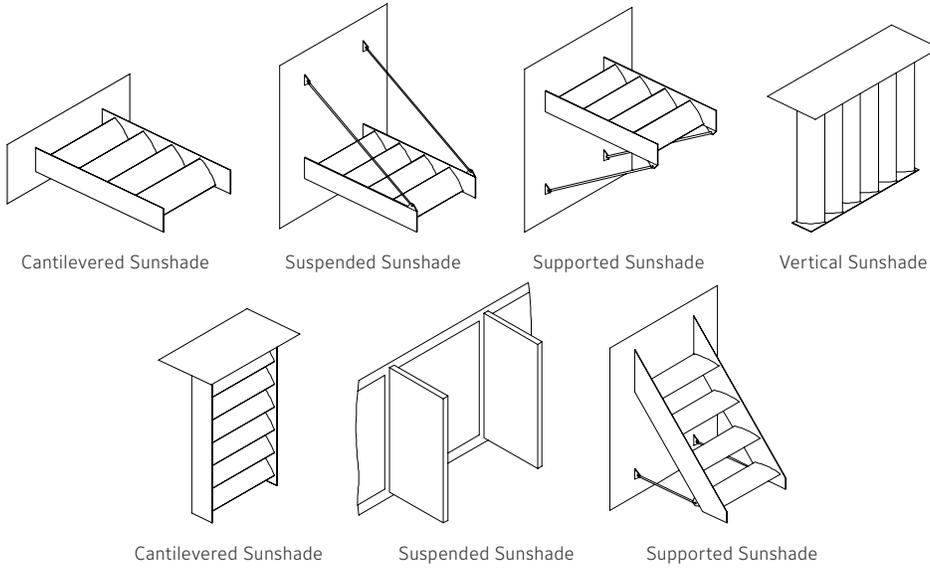
6375D
AMCA Licensed



◀Front

Model	Free area	Water penetration fpm (m/min)	Blade material	Pressure drop Inches w.g. (kpa)	Blade spacing	Blade angle
Drainable Blade						
245D	38%	1197 (365)	.060 Extruded Aluminum	.15 (.04)	3.188"	45° Drainable
445RD	52%	1075 (328)	.081 Extruded Aluminum	.21 (.05)	4.000"	45° Drainable
4375D	54%	873 (266)	.081 Extruded Aluminum	.15 (.04)	5.094"	37.5° Drainable
445DD	44%	974 (297)	.081 Extruded Aluminum	.19 (.05)	5.094"	45° Double Drainable
6375D	57%	1023 (312)	.081 Extruded Aluminum	.15 (.04)	5.906"	37.5° Drainable

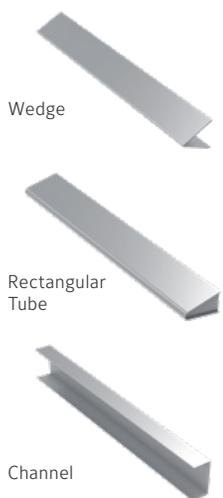
Mounting options



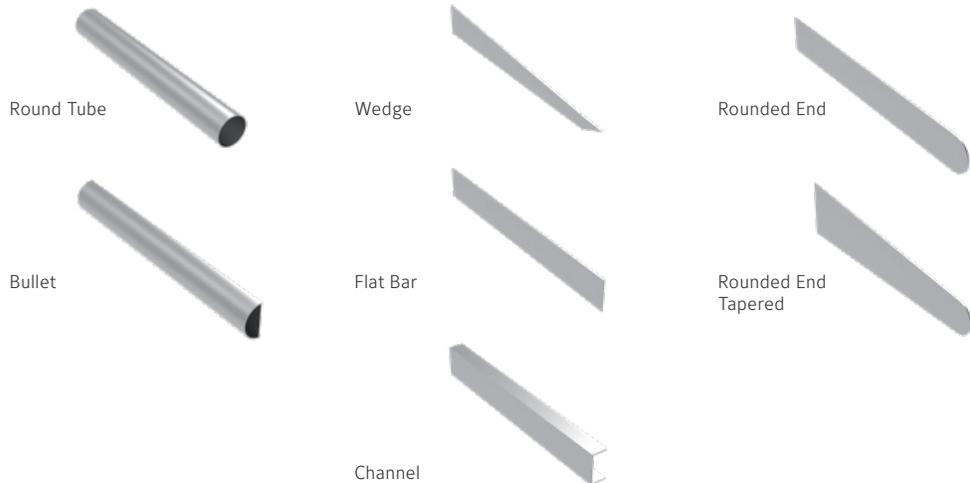
Blade designs



Fascia designs



Outrigger designs



Hurricane Louvers Approved by Miami-Dade County

Impact-resistant hurricane louvers protect the building envelope from debris, wind and rain infiltration. They are designed for much higher wind loads than standard louvers and are subjected to rigorous testing to verify their structural integrity. Each product has a tested and approved installation method to ensure its proper implementation.

- TAS-201: Large Missile Impact Test
- TAS-202: Uniform Static Air Pressure Test
- TAS-203: Cyclic Wind Pressure Load Test

All models are provided with a factory bird screen.



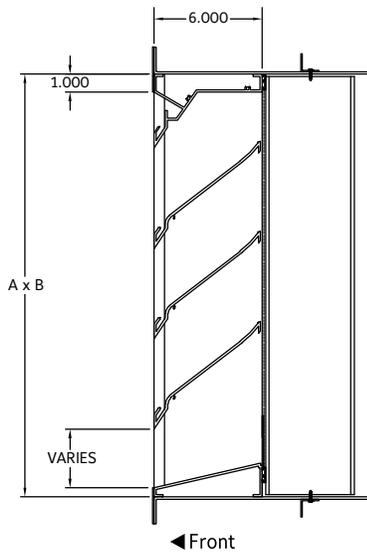
4375DC - Miami-Dade



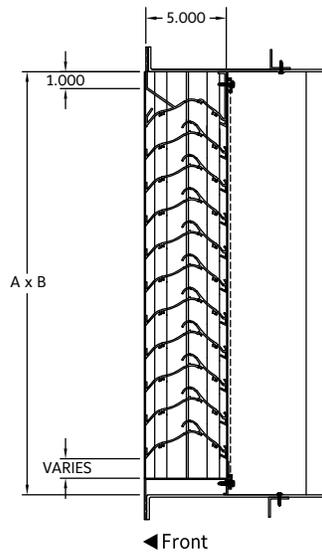
Reliable Products certifies that the 6375DC louver shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program.

The AMCA Certified Ratings Seal applies to Air Performance and Water Penetration.

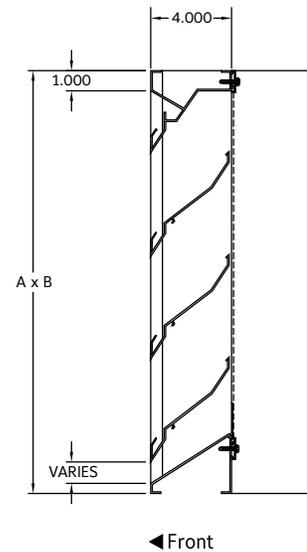
6375DC
AMCA Licensed



5DDWRDC



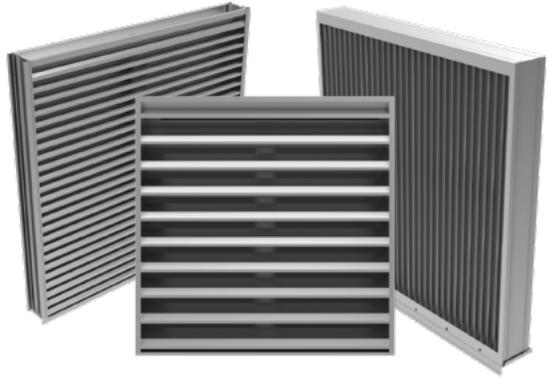
4375DC



Model	Depth	Description	Hurricane tests	Installation
Hurricane Louvers - Miami-Dade County				
6375DC Miami-Dade NOA 17-1221-26	6" (152)	Horizontal Drainable	TAS-201, 202 and 203 (±148 psf)	Universal Flange
5DDWRDC Miami-Dade NOA 16-0217.04	5" (127)	Horizontal Wind-Driven Rain	TAS-201, 202 and 203 (±120 psf)	Universal Flange
4375DC Miami-Dade NOA 17-0222.01	4" (102)	Horizontal Drainable	TAS-201, 202 and 203 (±130 psf)	Universal Flange and Mechanical Fasteners

Weather Resistant Louvers

These wind-driven rain louvers provide extra protection from wind-driven rain in storm settings. The blade profiles are equipped to stop excessive water and to drain properly. Free area percentages are acceptable in most cases. All finishes from Reliable Products are available, and a standard insect or bird screen is included. The 5DDWRG is a 5" deep, 99 percent weather-resistant louver with double drains. The 7DDWRG is 7" deep and also provides exceptional water protection. The 6RRSV is a 6" vertical, high-performance louver.



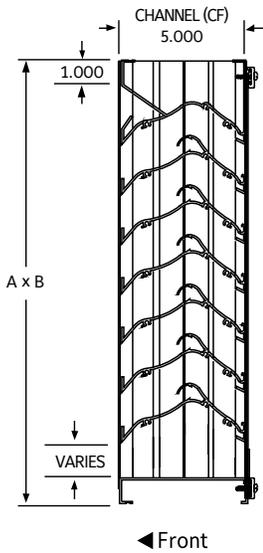
5DDWRG, 7DDWRG, 6RRSV



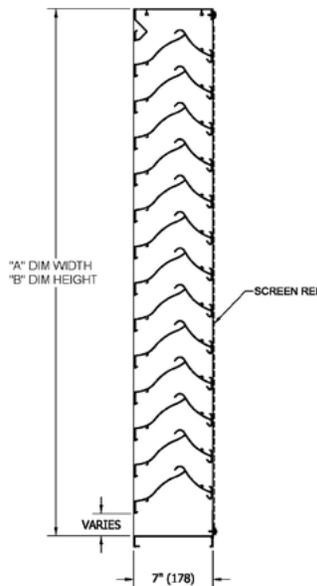
Reliable Products certifies that the 5DDWRG, 7DDWRG and 6RRSV louvers shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program.

The AMCA Certified Ratings Seal applies to Air Performance and Wind Driven Rain ratings for the 7DDWRG and 6RRSV louvers. The AMCA Certified Ratings Seal applies to Air Performance, Water Penetration and Wind Driven Rain ratings for the 5DDWRG louver.

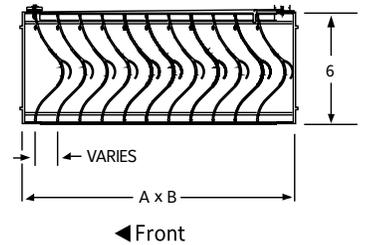
5DDWRG AMCA Licensed



7DDWRG AMCA Licensed



6RRSV AMCA Licensed



Model	Free area	Rain class/%	Blade material	Pressure drop inches w.g. (kpa)	Blade spacing	Wind velocity (mph)	Free area velocity fpm (m/sec)
Weather-Resistant Louvers							
5DDWRG	44%	A/99.7	.063 Extruded Aluminum	.17 (.04)	2.000"	29 (46.4 kph)	1361 (6.9)
7DDWRG	56%	B/96.2	.075 Extruded Aluminum	.18 (.04)	3.000"	29 (46.4 kph)	781 (4)
6RRSV	42%	A/100	.063 Extruded Aluminum	.19 (.04)	1.500" Vertical	29 (46.4 kph)	2149 (10.9)

Adjustable Louvers and Combination Louver/Dampers

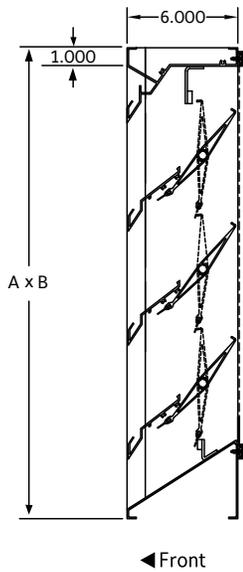
The adjustable louver features operable blades - various blade profiles are optional. The open/close function of the blade is available with either manual or electric actuator options. The louver/damper combo gives you a louver blade profile with the open/close functions of the damper being adjustable with manual or actuator options. All models are equipped with standard insect or bird screens. All finishes and a variety of actuators are available. All combination louvers come with a blade and jamb seal for tight closure. The 6375RDHAX is a 6" combination louver/damper that features an airfoil operable blade that allows for larger operating sections. The 445RBED is a 4", 45-degree backdraft damper/louver combination, with the 445RDHBD delivering a 45-degree drainable/louver damper combination.



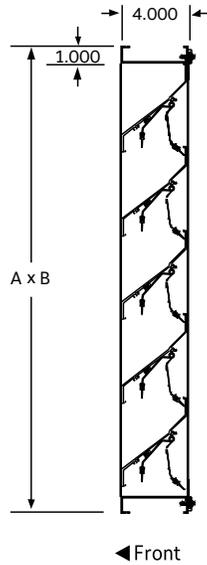
Reliable Products certifies that the 445RDHBD louver shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program.

The AMCA Certified Ratings Seal applies to Water Penetration and Air Performance Ratings only. The 6375RDHAX and 445RBED louvers are not licensed to bear the AMCA Seal.

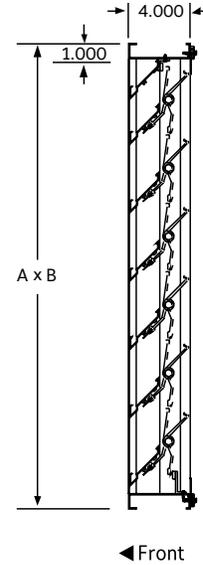
6375RDHAX



445RBED



445RDHBD
AMCA Licensed

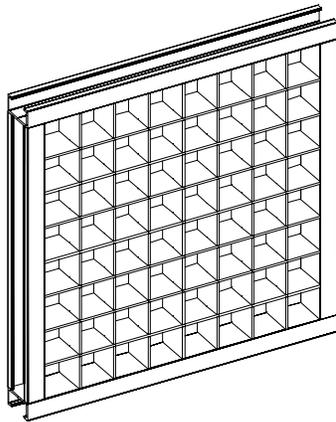


Model	Free area	Max rec. free area air flow fpm	Blade material	Pressure drop inches w.g. (kpa)	Blade angle
Adjustable Louvers and Combination Louver/Dampers					
6375RDHAX	47%	1169 (356)	.125 Extruded Aluminum	.16 (.03)	37.5° Adjustable
445RBED	40%	2500 (762)	.050 Extruded Aluminum	1.0 (.25)	45° Backdraft Damper-Louver Combo
445RDHBD	39%	974 (297)	.081 Extruded Aluminum	.07 (.02)	45° Damper/Louver Combo

Sunshades

Sunshade System models are a valuable component in a building's design. They can substantially reduce the cooling energy requirements of a building's interior and provide distinctive architectural characteristics to the exterior. We manufacture a wide range of sun control systems for new and existing constructions. Designers may select from a variety of Sunshade System components to optimize the desired shading and visual effect on their building.

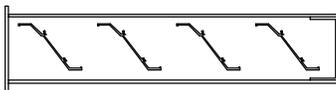
Reliable Products Sunshade System models



ECS

With various grid and depth dimensions available, including numerous angle options, the ECS can provide unique sun-filtering designs.

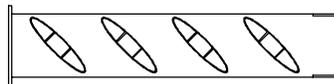
Horizontal and vertical installations.
Available in 4", 6" and 8" depths.



4LBSS, 6LBSS, 8LBSS

These louver blades are designed to provide shade and improve architectural designs by creating a curved front fascia, which provides a unique customized look.

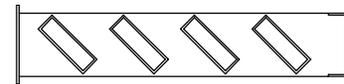
Available in 4" and 6" depths.



4AFBSS, 6AFBSS, 8AFBSS

These airfoil blade designs provide a distinctive look that can bring depth and a unique design to your building's facade.

Horizontal and vertical installations.
Available in 4", 6" and 8" depths.



4TB SS, 6TB SS, 8TB SS

Rectangular tube blades are available in horizontal, vertical and diagonal directions. Utilize these models to reduce glare and heat while providing shade to the facade of your building.

Horizontal and vertical installations.
Available in 4", 6" and 8" depths.



PVDF-based painted finishes:

- Standard two-coat PVDF 50 percent Pearledize 50 and Pearledize 70 (two-coat mica flake)
- Three-coat metallic or exotic PVDF 500

Anodized finishes are available but not recommended as the finish will look different because of the contrast in materials.

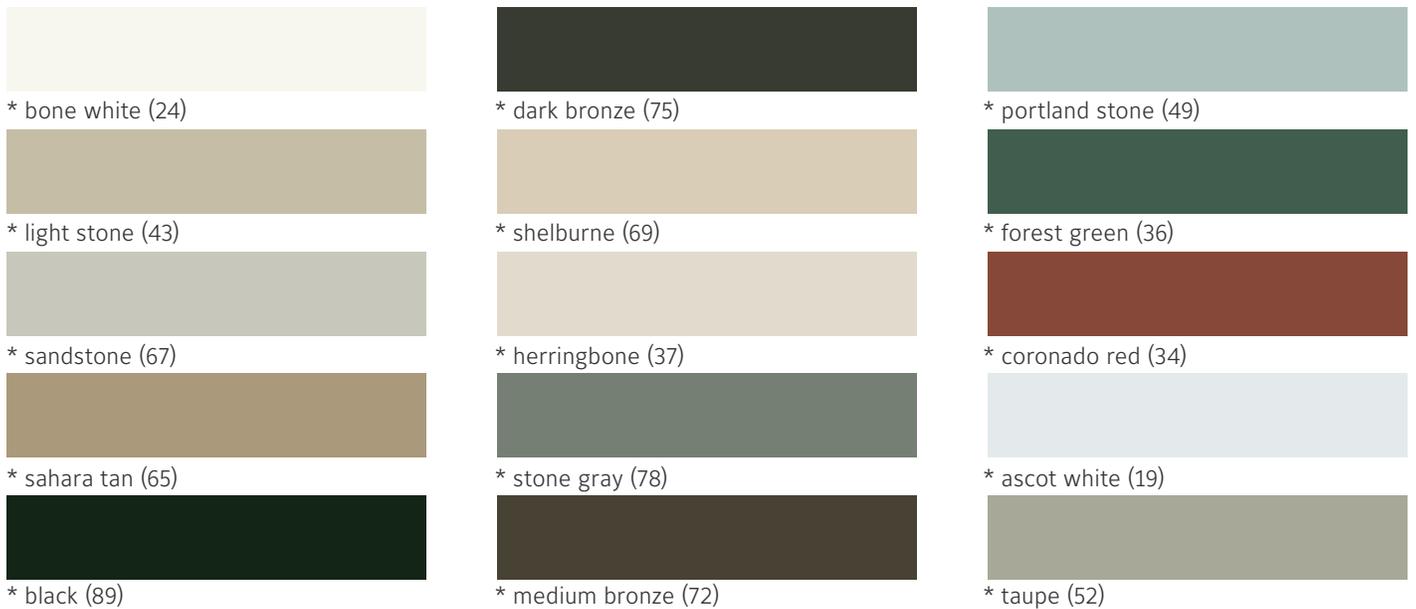
Standard colors

Reliable Products uses attractive finishes to enhance the appearance of our products so they blend with the design and color of your buildings. These same finishes provide extended weather resistance similar to adjacent building surfaces. We provide the greatest choice of finishes to architects and engineers. The standard finishes described below represent the finishes that are usually selected, specified, or required for most applications.

Finishes and color guide

Two Coat - 50 percent and 70 percent PVDF - standard colors

These 15 colors are available in Two Coat (50 percent PVDF) or Two Coat (70 percent PVDF) finishes only.



Pearledize 70 and Pearledize 50 Standard Colors

The nine colors below are available in Pearledize 70, Pearledize 50, Clear or Color Anodize finishes only, and may be more expensive than the 50 percent and 70 percent PVDF colors shown above. Italicized color names and codes are available in Anodized Finish.



* Denotes a Reliable Products color code. Please use these codes when you order.

This color card is for reference only and is not meant to be used for color matching or final color approval.

Shades may vary due to the color and resolution of monitors or printouts. Reliable Products is not responsible for color matches made with this online color chart.

Finishes and color guide

Factory finishes by Reliable Products are designed for low Volatile Organic Compounds (VOC) emissions and to eliminate the risk of VOC emissions found in louver finishes that are applied on site. All our manufacturing facilities operate in full compliance with all the applicable air permitting regulations. All facilities maintain ISO 14001 Environmental Management Systems, which include VOC emission reduction strategies and state-of-the-art spray equipment and operator training.



Type of finish

Two Coat - 70 percent PVDF

Reliable Products superior finish: Two Coat 70 percent PVDF paint finishes provide maximum resistance against color fade and chalking. This carbon/fluorine bond, unique to the resin, when coupled with the finest inorganic pigments, produces the most durable and long-lasting finish in the industry. These finishes are resistant to most chemicals, acid rain, salt spray and general air pollution. We offer a 20-year warranty on these finishes in standard colors on standard extruded aluminum products. All standard colors meet or exceed AAMA 2605-17a.*

Two Coat - 50 percent PVDF

Reliable Products high-performance finish: Two Coat 50 percent PVDF finishes provide fluoropolymer benefits such as long color life and resistance to chalking and chemicals. For optimization of the price-benefit ratio, they are appropriate coatings for today's non-monumental projects. We offer a 10-year warranty on these finishes in standard colors on standard extruded aluminum products.

Prime coat

Preparation for field painting: Finish may be topcoated with epoxy, vinyl, urethane and other heavy-duty coatings within six months of applications. Prime coat contaminations always occur before field painting and require thorough field cleaning prior to painting.

Pearlized 70 and Pearlized 50

Reliable Products High Pearlescent Finish: Pearlized is a PVDF-based finish that utilizes pearlescent mica flakes to simulate the metallic appearance of anodized and metallic paint finishes. **Pearlized 50 (50 percent PVDF):** Meets the AAMA 2604-17a† specification. At 10-year warranty is available on standard colors for standard extruded aluminum products. **Pearlized 70 (70 percent PVDF):** Pearlized 70 meets the AAMA 2605-17a* specification. A 20-year warranty is available on standard colors for extruded aluminum products.

Color anodize

Electrolytically deposited coating on aluminum: The color anodize process specified in Aluminum Association Code AA-C22A44 electrolytically deposits inorganic color pigment finish to a 0.7 mil (18µm) minimum surface depth on sulfuric acid anodized aluminum. Treated aluminum is sealed to convert a freshly formed aluminum oxide finish to a corrosion resistant, inert condition. This is available on aluminum only. Some shade variation may occur.

Clear anodize

Clear oxide coating for aluminum: Clear anodize pre-oxidizes the aluminum surface for uniform clear finish not easily affected by natural oxidizing influences. Improved metallic luster appearance is similar to mill finish. 204-R1 (Aluminum Association Code AA-C22A31) provides 0.4 mil (10µm) minimum surface depth treatment recommended for normal weather exposure. 215-R1 (Aluminum Association Code AA-C22A41) provides 0.7 mils (18µm) minimum surface depth recommended for severely corrosive and abrasive atmospheric exposure. Both finish types available only on aluminum.

Finish specifications

Before paint application, louvers shall be thoroughly cleaned and pre-treated to assure maximum performance. PVDF finish shall be applied to provide 1.2 mils (30µm) factory applied, baked-on film in accordance with AAMA 2605-17a.* "Voluntary Specification Performance Requirements and Test Procedures for Superior Performing Organic Coatings on Architectural Extrusions and Panels". Color shall be Reliable Products (specify color name and number).

Louvers shall receive factory-applied, baked-on Two Coat 50 percent PVDF-based color coating following thorough cleaning and pre-treatment of metal. The finish shall be applied at 1.2 mils (30µm) total dry film thickness in accordance with AAMA 2604-17a.† Color shall be Reliable Products (specify color name and number).

Louvers shall receive prime coating following thorough cleaning and pre-treatment of metal. Field topcoat with epoxy, vinyl, urethane or other heavy-duty coating within six months of application. Prime coat shall be a minimum of .3 ± .1 mils (8 ± 3µm) thick.

Louvers shall receive thorough cleaning and pre-treatment, as described above. Pearlized coating is applied and baked to achieve a hard durable finish in compliance with either AAMA 2605-17a* or AAMA 2604-17a† as selected and specified. Color shall be Reliable Products (specify color name and number).

Louvers shall receive electrolytically deposited color anodized finish complying with Aluminum Association Code AA-C22A44. Finish is applied to 0.7 mils (18µm) minimum thickness on to chemically etched and pre-treated aluminum. Color shall be Reliable Products (specify color name).

Louvers shall receive a 204-R1 clear anodize finish complying with Aluminum Association Code-C22A31. Finish is applied to chemically etched and pre-treated aluminum to 0.4 mils (10µm) minimum surface depth by a 30-minute anodizing process. Louvers shall receive a 215-R1 clear anodize finish complying with Aluminum Association Code AA-C22A41. Finish is applied to chemically etched and pre-treated aluminum to 0.7 mils (18µm) minimum surface depth by a 60-minute anodizing process.

For additional information regarding finish warranties, please reference the Reliable Products Finishes Warranty document on www.reliablelouvers.com. Dimensions in parentheses () indicate microns. Sher-Nar 5000 is registered trademark of Sherwin-Williams. *AAMA 2605-17a is the most stringent performance specification for organic coatings or exterior aluminum finishes in the industry, requiring 10 years of South Florida exposure. † AAMA 2604-17a supersedes AAMA 2604-10 and requires five years of South Florida exposure. Reliable Products 50 percent PVDF fluoropolymer, 70 percent PVDF fluoropolymer-based finishes (Pearlized 50 and Pearlized 70) and prime coat finishes are provided by Sherwin-Williams. 20-year warranties are only available on extruded aluminum products, and are subject to restrictions. Consult Reliable Products for additional information.

RELIABLE PROUDLY FINISHED WITH
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RELIABLE



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