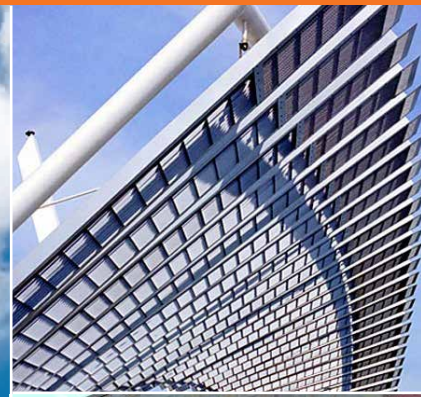




Industrial
Louvers, Inc.

Architectural Elegance. Exceptional Service.



CUSTOM ARCHITECTURAL
METAL PRODUCTS

LOUVERS AND VENTS

ARCHITECTURAL GRILLS
AND SCREENS

SUN CONTROL DEVICES

COLUMN COVERS



Industrial
Louvers, Inc.

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WELCOME TO INDUSTRIAL LOUVERS

ABOUT US

Industrial Louvers, Inc. (ILI) is a customer-focused, woman owned and operated manufacturer of custom architectural metal products including architectural louvers, equipment screens, decorative grilles, sunshades and column covers. Since 1971, we have been helping meet the needs of designers, contractors and subcontractors across all segments of the construction industry. Our position as a leader in the industry is based on our reputation in manufacturing products of the highest quality, and craftsmanship, and providing unmatched customer service.

Our quality and reliability are achieved through a commitment to maintaining an expert team, continuous improvement in our operations and extensive in-house manufacturing and finishing capabilities. Our culture supports an empowered team that is encouraged to innovate. We manufacture and finish all of our products in the USA in our Delano, MN location. In-house finishing allows us to control quality and scheduling to ensure on-time delivery.

Industrial Louvers, Inc. is certified as a business owned and controlled by a woman by the National Women Business Owners Corporation (NWBOC), the first national certifier of Women Business Enterprises (WBE).

SUSTAINABILITY



At ILI, sustainability is central to what we do. Our products contribute to sustainable designs. Our commitment to continuous improvement in sustainable operations reduces our company’s environmental impact. This initiative also forwards sustainable practices in the industry, increases awareness and helps create a more sustainable built environment.

We support the efforts of organizations that promote sustainability and environmental awareness throughout the industry. We are active in the U.S. Green Building Council (USGBC), the Minnesota chapter of the USGBC, and the Health Product Declaration Collaborative (HPDC) through sponsorships and volunteer support. We are part of the International Living Future Institute (ILFI) LP50, a collaboration of the world’s leading manufacturers working to create and build demand for Living Products. Our LEED-accredited professionals provide training for our staff, sales representatives and professionals throughout the industry on a variety of topics related to green building.

Top Photo:
Teel Plastics – Baraboo, WI

Left Photo: St. George Ferry –
Staten Island, NY

Top Cover Photo: CSU Computer Science
Building – Fort Collins, CO

Bottom Cover Photo: St. George Ferry –
Staten Island, NY





Custom Architectural Louvers & Air Vents

ILI offers a wide range of architectural louvers and air vents to meet nearly any air intake or exhaust louver need. We specialize in custom architectural louvers, made in the USA with sustainable materials and unmatched attention to quality and service.

Louvers serve a critical need to allow air flow through openings in buildings while rejecting unwanted elements such as water and airborne debris. While the concept is simple, selecting the right product for the application is important to meeting performance needs.

Non-drainable louvers provide maximum free air flow and a basic level of resistance to water penetration. Drainable louvers also provide maximum free air flow with increased protection against heavy rain. Specialized stormproof and storm-resistant louvers, including hurricane and Florida approved louvers, provide protection from wind-driven rain and extreme storm events. Acoustical louvers provide tested air and water performance, with the added benefit of reducing noise from loud equipment.

When certified test data is essential, use one of our many louvers rated by the Air Movement and Control Association International, Inc. (AMCA) and licensed to carry the AMCA seal. Several other models are also tested in accordance with AMCA standards.

All of our louvers are available in a variety of anodized and painted finishes to meet design needs. Our standard finish is backed with up to a 20-year warranty. A wide range of frames and accessories increase functionality and allow louvers to be installed into nearly any surrounding conditions.

We ensure the best possible installation by providing products assembled to the greatest extent practicable. This reduces labor costs during installation and ensures products are consistent with the original design.

Whatever the application, ILI is committed to providing the highest quality products and custom design solutions with an exceptional level of service. All of our products are made in USA with the most sustainable materials possible.



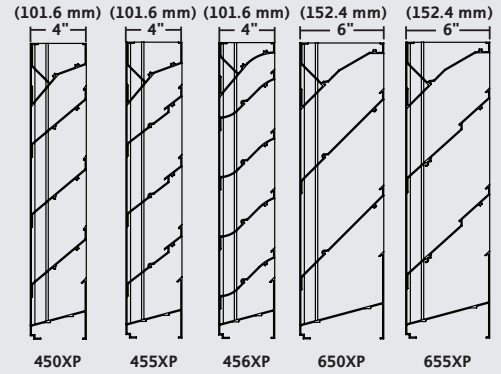
Top Photo:
Dickinson College – Carlisle, PA

Right Photo:
Victoria Fire Station – Victoria, MN



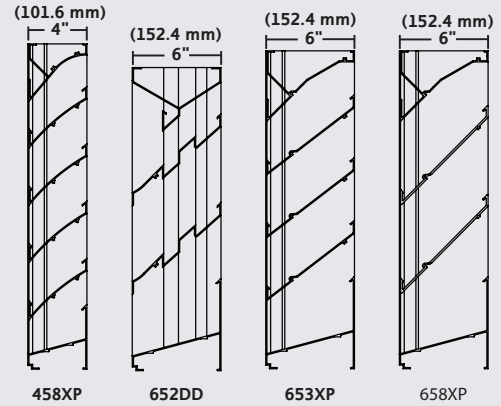
**FIXED EXTRUDED ALUMINUM
NON-DRAINABLE**

Non-drainable louvers provide maximum free air flow and a basic level of resistance to water penetration. They can be fabricated in nearly any shape or size to meet specific design requirements.



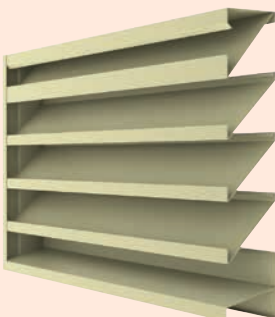
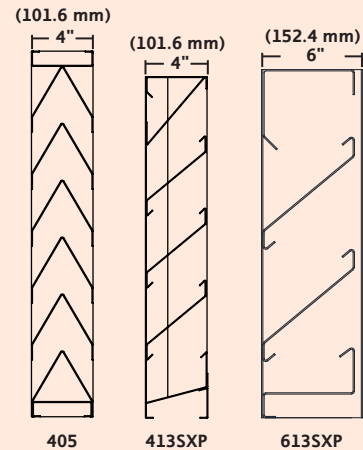
**FIXED EXTRUDED ALUMINUM
DRAINABLE**

Drainable louvers provide excellent free air flow along with extra protection against the elements. Drainable louvers typically have a gutter on the front of the blade that directs water out towards the jambs and away from the building opening. They can be fabricated in nearly any shape or size to meet specific design requirements.



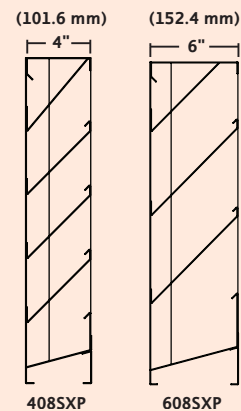
**FIXED FORMED METAL
NON-DRAINABLE**

Fixed formed metal non-drainable louvers are available in galvanized steel, stainless steel and copper. Their drainable construction provides maximum free air flow and basic protection against the elements. They are available in nearly any shape or size to meet specific design requirements.



**FIXED FORMED METAL
DRAINABLE**

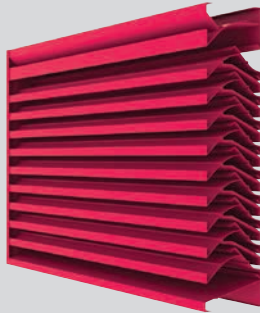
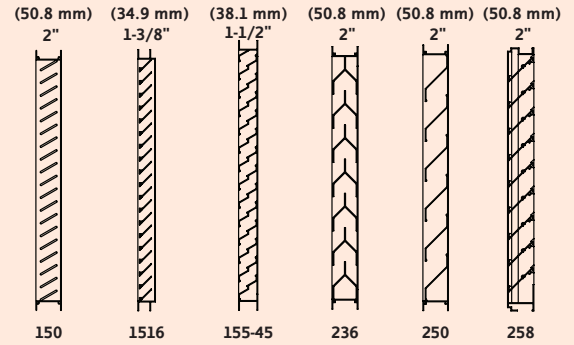
Fixed formed metal drainable louvers are available in galvanized steel, stainless steel and copper. Their drainable construction provides maximum free air flow and excellent protection against the elements. They are available in nearly any shape or size to meet specific design requirements.





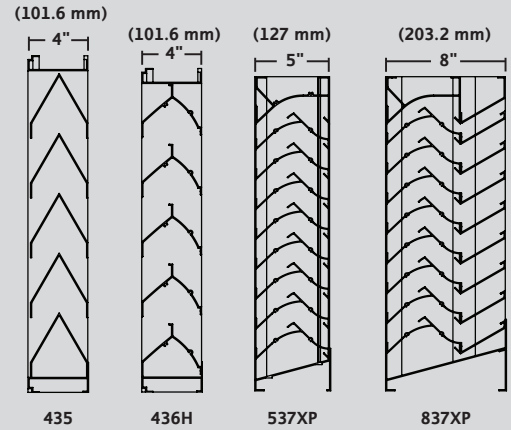
EXTRUDED ALUMINUM THINLINE LOUVERS

Fixed extruded aluminum thinline louvers are lightweight and have a sleek appearance. They are an optimum choice for curtainwall or storefront applications. They also help maximize free area in a small application.



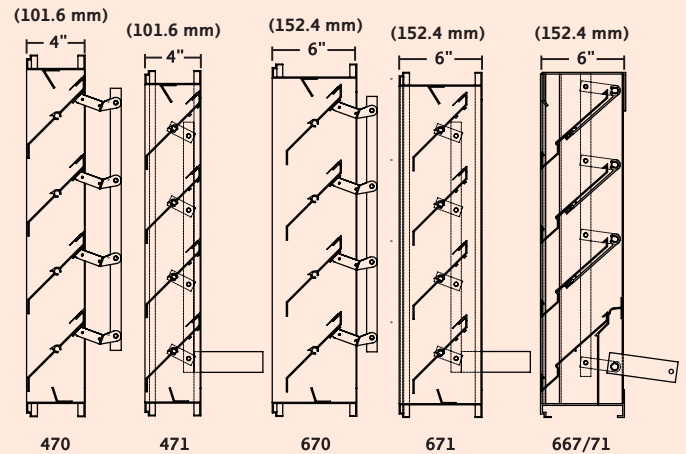
EXTRUDED ALUMINUM SIGHTPROOF LOUVERS

Fixed extruded aluminum sightproof louvers offer excellent ventilation and weather protection while disguising unsightly equipment. These louvers are perfect for parking garages or mechanical penthouses. ILI's sight-proof louvers can be fabricated in virtually any size or shape to meet the building's architectural design requirements.



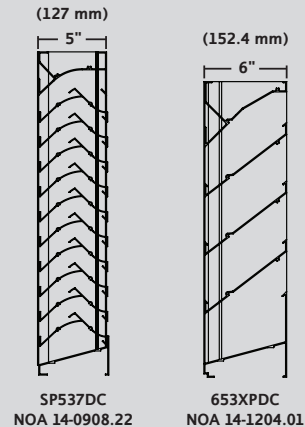
ADJUSTABLE AND DUAL COMBINATION BLADE

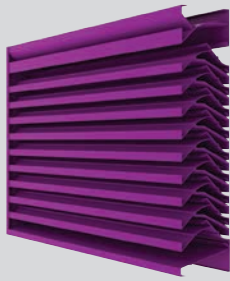
Adjustable and combination adjustable louvers provide maximum flexibility for ventilation and protection. They can be fitted with a wide range of operators and will give the owner ultimate control and protection against the elements.



HURRICANE LOUVERS—FLORIDA APPROVED

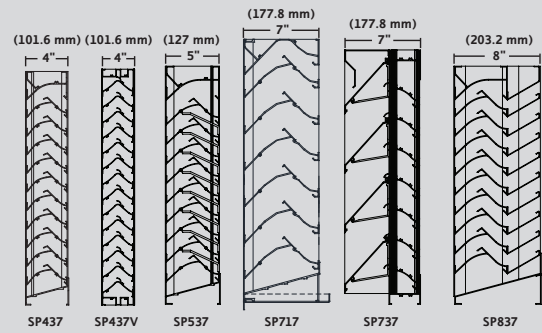
Hurricane louvers have been tested and are Dade County approved. Our hurricane louvers have all been pre-engineered, making selection and installation simple. Dade County approved louvers make a good selection for any area where extreme weather is a concern.





STORM PERFORMANCE LOUVERS

Storm performance louvers provide optimum performance against the elements. The storm performance louvers have been specifically designed and tested to prevent infiltration of wind driven rain while allowing maximum airflow through the unit.

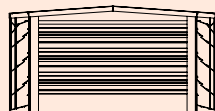
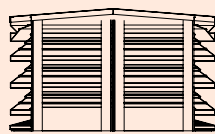


Model	Blade Style	Frame/ Blade Thickness	Depth	Free Area (48" x 48" louver)	Rainfall Rate	Wind Velocity (mph)									
						0 (0)	98 (.5)	197 (1.0)	295 (1.5)	394 (2.0)	492 (2.5)	591 (3.0)	689 (3.5)		
SP437	Horizontal	.081" (2.1 mm) / .063" (1.6 mm)"	4" (102 mm)	50.1% (8.02 sq. ft.)	3" per hour @ wind velocity of 29 mph	Rating	A	A	A	A	A	A	B	B	
						Effectiveness Ratio (%)	100%	100%	100%	100%	100%	99.6%	97.3%	95.0%	
						Core Velocity (fpm)					382	469	588	673	
					8" per hour @ wind velocity of 50 mph	Rating	B	B	B	B	B	C	C	C	
						Effectiveness Ratio (%)	97.9%	97.5%	96.9%	96.3%	95.3%	94.6%	93.5%	86.4%	
						Core Velocity (fpm)		91	190	278	404	497	566	690	
SP437V	Vertical	.081" (2.1 mm) / .081" (2.1 mm)	4" (102 mm)	44.8% (7.17 sq. ft.)	3" per hour @ wind velocity of 29 mph	Rating	A	A	A	A	A	A	A	C	
						Effectiveness Ratio (%)	100%	100%	100%	100%	100%	99.9%	99.3%	92.6%	
						Core Velocity (fpm)					383	463	604	679	
					8" per hour @ wind velocity of 50 mph	Rating	A	A	A	A	A	A	A	C	
						Effectiveness Ratio (%)	100%	100%	100%	100%	100%	99.9%	99.3%	89.6%	
						Core Velocity (fpm)					385	498	588	681	
SP537	Horizontal	.081" (2.1 mm) / .063" (1.6 mm)	5" (127 mm)	50.9% (8.15sq. ft.)	3" per hour @ wind velocity of 29 mph	Rating	A	A	A	A	A	A	B	B	
						Effectiveness Ratio (%)	100%	100%	100%	100%	100%	99.4%	98.5%	98.0%	
						Core Velocity (fpm)					377	464	585	679	
					8" per hour @ wind velocity of 50 mph	Rating	A	A	A	A	A	B	B	B	
						Effectiveness Ratio (%)	100%	100%	99.7%	99.5%	99.2%	98.7%	98.4%	96.7%	
						Core Velocity (fpm)			190	289	405	500	582	687	
SP717	Horizontal	.081" (21 mm) / .081" (24 mm)	7" (178 mm)	58.18% (9.1sq. ft.)	3" per hour @ wind velocity of 29 mph	Rating	A	A	A	A	A	B	B	C	
						Effectiveness Ratio (%)	100%	100%	99.3%	99.3%	99.2%	98.8%	97.4%	93.4%	
						Core Velocity (fpm)			193	285	375	466	584	692	
					8" per hour @ wind velocity of 50 mph	Rating	B	B	B	B	C	C	C	C	
						Effectiveness Ratio (%)	97.6%	97.2%	96.6%	95.9%	94.2%	92.5%	91.6%	85.5%	
						Core Velocity (fpm)		104	212	283	397	499	570	683	
SP737	Horizontal	.081" (2.1 mm) / Front .081" (92.1 mm) & Rear .063" (1.6 mm)	7" (178 mm)	44.3% (7.09 sq. ft.)	3" per hour @ wind velocity of 29 mph	Rating	A	A	A	B	B	C	C	C	
						Effectiveness Ratio (%)	99.8%	99.3%	99.2%	97.8%	96.2%	90.9%	87.3%	88.3%	
						Core Velocity (fpm)		98	188	281	382	491	575	676	
					8" per hour @ wind velocity of 50 mph	Rating	B	B	B	B	C	C	C	D	
						Effectiveness Ratio (%)	98.5%	97.4%	96.8%	95.6%	93.6%	91.7%	88.0%	76.8%	
						Core Velocity (fpm)		116	209	297	404	494	571	678	
SP837	Horizontal	.081" (2.1 mm) / .063" (1.6 mm)	8" (203 mm)	50.5% (8.08 sq. ft.)	3" per hour @ wind velocity of 29 mph	Rating	A	A	A	A	A	A	A	B	
						Effectiveness Ratio (%)	100%	100%	100%	100%	100%	100%	99.9%	98.6%	
						Core Ventilation Rate (fpm)								584	689
						Free Area Ventilation Rate (fpm)								689	1219

STORM PERFORMANCE LOUVERS

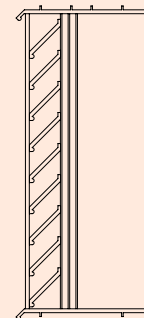
LOUVERED PENTHOUSES

Louvered penthouses can be fabricated from any of our louver systems and include mitered corners and an insulated roof.



EXTRUDED ALUMINUM BRICK OR BLOCK VENTS

Brick vents are available in custom sizes.

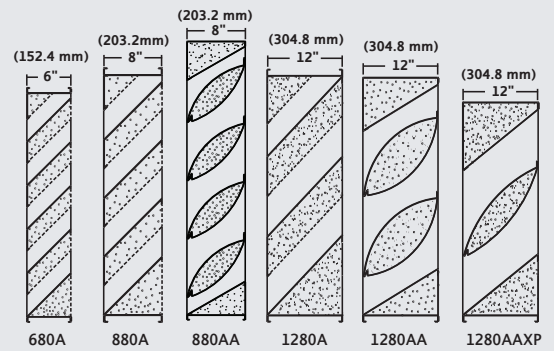


5 PENTHOUSES & VENTS



ACOUSTICAL LOUVERS

Acoustical louvers can be fabricated from either aluminum or steel. These louvers have been tested for water and air performance as well as sound performance, and are a perfect selection for noisy generator rooms. ILI acoustical louvers can be fabricated in virtually any size to meet the building's architectural design requirements.



Model	Depth	Free Area (48" x 48" louver)	Frequency (Hz)													
			125		250		500		1000		2000		4000		5000	
			Transmission Loss (dB)	Field Noise Reduction	Transmission Loss (dB)	Field Noise Reduction	Transmission Loss (dB)	Field Noise Reduction	Transmission Loss (dB)	Field Noise Reduction	Transmission Loss (dB)	Field Noise Reduction	Transmission Loss (dB)	Field Noise Reduction	Transmission Loss (dB)	Field Noise Reduction
680A	6" (152.4 mm)	27.8% (4.45 sq. ft.)	6	12	4	10	7	13	13	19	16	22	14	20	13	19
880A	8" (203.2 mm)	26.8% (4.29 sq. ft.)	6	12	6	12	10	16	14	20	17	23	12	18	10	16
880AA	8" (203.2 mm)	31.7% (5.07 sq. ft.)	4	10	4	10	6	12	12	18	11	17	10	16	10	16
1280A	12" (304.8 mm)	26.8% (4.29 sq. ft.)	5	11	8	14	11	17	15	21	15	21	12	18	10	16
1280AA	12" (304.8 mm)	29.0% (4.64 sq. ft.)	8	14	7	13	12	18	15	21	13	19	12	18	12	18
1280AAXP	12" (304.8 mm)	36.9% (5.91 sq. ft.)	6	12	6	12	8	14	11	17	9	15	8	14	8	14

Water Penetration and Air Performance



Industrial Louvers, Inc. certifies that models 450XP, 455XP, 456XP, 650XP, 653XP, 658XP, 655XP, 537XP, 1280A, 1280AA, 258, 653XPDC, 413XP, 408XP and 608XP shown hereon are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with ACA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to air performance rating and water penetration ratings.

Water Penetration, Air Performance & Sound



Industrial Louvers Inc. certifies that model 880A shown hereon 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 ratings, water penetration ratings, and sound performance.

Water Penetration, Air Performance & Wind Driven Rain



Industrial Louvers Inc. certifies that models SP437, SP437V, SP537, SP537DC, SP717 and SP737 shown hereon 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 Certified Ratings Seal applies to air performance ratings and water penetration ratings.

Water Penetration, Air Performance & Air Leakage



Industrial Louvers Inc. certifies that model 667/71 shown hereon 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 ratings, water penetration and air leakage ratings.

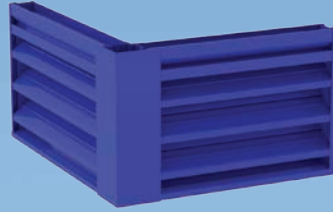
Model	Depth (inches)	Weight (pounds per sq. ft.)	Blade Angle (degrees)	Blade Spacing (inches)	Typical Blade Thickness (inches)	Typical Frame Thickness (inches)	Free Area (sq. ft.)	Free Area (%)	Water Penetration (FPM @ .01 oz.) Test Size: 48" x 48" Duration: 15 min.	Pressure Drop (FPM @ .15" w.g.)
EXTRUDED ALUMINUM – NON-DRAINABLE										
450XP	4	4	40	5	0.081	0.081	8.15	50.9%	818	870
455XP	4	4	37.5	5	0.081	0.081	8.12	50.8%	678	905.4
456XP	4	4	30/45	4.25	0.081	0.081	8.45	52.8%	903.7	976.4
650XP	6	4	45	6.875	0.081	0.081	8.15	51.0%	1076	884.5
655XP	6	4	40	6.875	0.081	0.081	8.07	50.4%	1028.1	883.1
EXTRUDED ALUMINUM – DRAINABLE										
458XP	4	5	35/45	3.875	0.081	0.081	8.21	51.3%	1116.2	893.7
653XP	6	5	37.5	4.25	0.081	0.081	8.77	54.8%	+1250	994.5
652DD	6	5	42/45	6	0.081	0.081	8.24	51.5%	932.6	1039.1
658XP	6	5	45	6	0.081	0.081	9.29	58.1%	927.7	1007.9
EXTRUDED ALUMINUM SIGHTPROOF										
435	4	5	90	4.125	0.081	0.081	4.79	29.9%	N/A	N/A
436	4	5.5	90	3.25	0.081	0.081	6.12	38.3%	N/A	N/A
537XP	5	7	90	2.25	0.063	0.081	8.35	52.2%	1131.9	635.9
837XP	8	11	90	2.25	0.081	0.081	8.30	51.9%	1076	600.8
EXTRUDED ALUMINUM THINLINE										
150	2	4	30	1	0.125	0.063	11.14	69.6%	N/A	N/A
1516	1.375	3	45	1	0.063	0.063	9.67	60.4%	N/A	N/A
155-45	1.5	3	30	1.813	0.063	0.063	7.29	45.6%	N/A	N/A
236	2	4	90	2.625	0.063	0.063	4.59	28.7%	N/A	N/A
250	2	3	45	3.125	0.063	0.063	6.28	39.3%	N/A	N/A
258	2	4	45	2	0.063	0.063	9.04	56.5%	736.2	1029.5
STORM PERFORMANCE										
SP437	4	6	90	1.75	0.063	0.081	8.02	50.1%	+ 1250	718.4
SP437V	4	6	90	2	0.081	0.081	7.17	44.8%	+ 1250	595.4
SP537	5	7	90	2.03	0.063	0.081	8.15	50.9%	1195.1	722.8
SP717	7	8	90	2	0.081	0.081	9.10	56.9%	992.8	626.1
SP737	7	10	45	5.582	0.081	0.081	7.09	44.3%	813.2	724.3
SP837	8	16	90	2.03	0.081	0.081	8.08	50.5%	N/A	678.7
HURRICANE										
SP537DC	5		90	2.03	0.063	0.081	8.15	50.9%	1195.1	722.8
653XPDC	6	6	37.5	4.25	0.081	0.125	8.77	54.8%	+ 1250	994.5
ADJUSTABLE & COMBINATION										
470	4	4.5	45	5.375	0.081	0.081	6.80	42.5%	N/A	N/A
471	4	4.5	45	5.375	0.081	0.081	6.80	42.5%	N/A	N/A
670	6	4.5	45	5.375	0.081	0.081	9.81	61.3%	N/A	N/A
671	6	4.5	45	5.375	0.081	0.081	9.81	61.3%	N/A	N/A
667/71	6	8	40	5.662	0.081	0.081	7.27	45.4%	+1250	1001.9
ACOUSTICAL										
680A	6	9.2	45	6.213	0.081	0.081	4.45	27.8%	967	1471.2
880A	8	9.2	45	8.5	0.081	0.081	4.43	27.7%	949.4	1252.8
880AA	8	9.2	45	8.3125	0.081	0.081	5.07	31.7%	855	971.9
1280A	12	9.2	45	12.469	0.081	0.081	4.29	26.8%	949.6	1259.2
1280AA	12	9.2	45	12.25	0.081	0.081	4.64	29.0%	945.5	1759.3
1280AAXP	12	9.2	45	14.06	0.081	0.081	5.91	36.9%	615	1228.9
FORMED – NON-DRAINABLE										
405	4	10	60	4	16 ga.	16 ga.	6.41	40.1%	N/A	N/A
413SXP	4	8	40	5	18 ga.	18 ga.	8.11	50.7%	614	894.3
613SXP	6	10	45	6.875	18 ga.	18 ga.	7.41	46.3%	N/A	N/A
FORMED – DRAINABLE										
408SXP	4	8	45	4	18 ga.	18 ga.	8.00	50.0%	987	1034.4
608SXP	6	8	45	5.875	18 ga.	18 ga.	8.31	51.9%	952	1027

LOUVERS ACCESSORIES

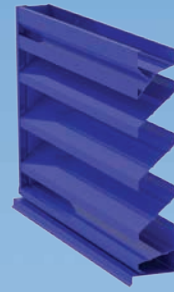
Available for all louver and equipment screen products, accessories create customized solutions that meet the specific needs of each project.



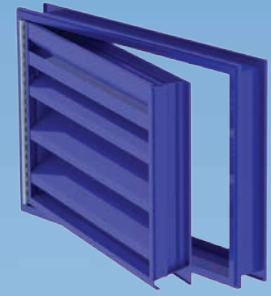
Mitered Corners
Mitered corners provide a clean, continuous blade appearance. They are available in 90 degree and custom angles.



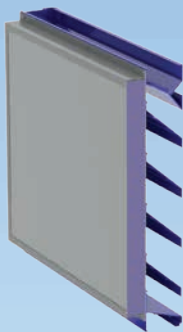
Boxed Corners
Boxed corners make installation easy and give a clean appearance.



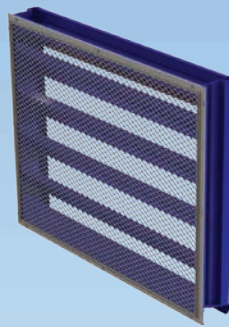
Sill Flashing
Generally used in louver applications, sill flashing can be custom formed to fit the louver and opening. Economical extruded aluminum flashing is also available.



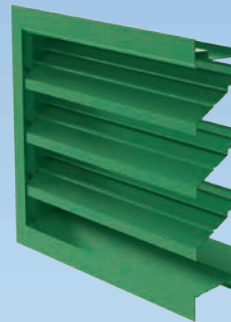
Hinged Units
Hinged doors with a variety of hardware options and locking styles ensure equipment behind units remains secure until it needs to be serviced or moved.



Blank-Off Panels
Blank off panels block the opening completely to prevent any air, water or debris from passing through the opening. They are available in a range of materials and thicknesses with insulated or non-insulated construction. Custom cut-outs are available to allow for duct fittings.



Bird/Insect Screens
Used with most louvers to prevent unwanted pests from entering the opening, bird and insect screens are mounted to louvers with an aluminum frame. Screens are available in aluminum, stainless steel and fiberglass.



Flange Frames
Flange frames, available in a range of sizes, allow for easy installation from the exterior of the building.



Glazing Frames
Glazing frames are typically supplied with a 1" glazing pocket. Custom options are also available.

*Library Access Building
University of Minnesota – Minneapolis, MN*





SUN CONTROL DEVICES

Custom sunshades and light shelves contribute to aesthetics, sustainable design and occupant comfort. Sunshades are striking additions to building exteriors. They also help owners save money and reduce a building's carbon footprint by lowering energy required to offset unwanted heat loads. They contribute to daylighting strategies by allowing occupants to enjoy the benefits of natural light with reduced glare.

ILI has become a leading sunshade manufacturer because we embrace imagination in design. Complex, highly customized projects are our specialty. Of course, these jobs require an extra level of service and attention to detail. We work closely with architects, engineers, contractors and installers, and coordinate with other manufacturers to ensure seamless integration of our products. By doing so, we create cost-effective solutions that meet both aesthetic and performance needs. Heavy wind loads, complex curves and bends, custom colors or unusual attachment conditions? Bring them on. We are here to help. Our engineering firm, licensed in all 50 states, provides structural engineering calculations for every job we build to ensure that they can withstand wind, snow and ice loads.

Most sunshades are cantilevered over windows and are made from aluminum extrusions. They can also be mounted vertically in front of windows as vertical shades or beside windows as shades. In every case, ILI's aluminum extrusions are mechanically fastened. This significantly improves the strength and integrity over the welded construction used by some other manufacturers. This also allows for easy replacement of individual components after installation.

Light shelves further enhance occupant comfort. Usually installed indoors, they reflect light up to the ceiling. This helps maintain the benefits of daylight while eliminating unpleasant glare and the need for artificial lighting.

Custom finishing provides additional design flexibility. We have a variety of anodized and painted finishes available, but recommend our standard 70% Kynar 500®, which carries up to a 20-year warranty.

We ensure the best possible installation by providing products assembled to the greatest extent practicable. This reduces labor costs and ensures products are consistent with the original design.

SUNSHADE CUSTOMIZATION

Choose a combination of blade profiles, outriggers, mounting options and optional fascia to create a custom product that meets the specific needs of each project. Need design help? Our qualified staff and representatives are ready to assist you. Regardless of the design, we will produce and assemble your design in the largest practicable size to ensure ease of installation.

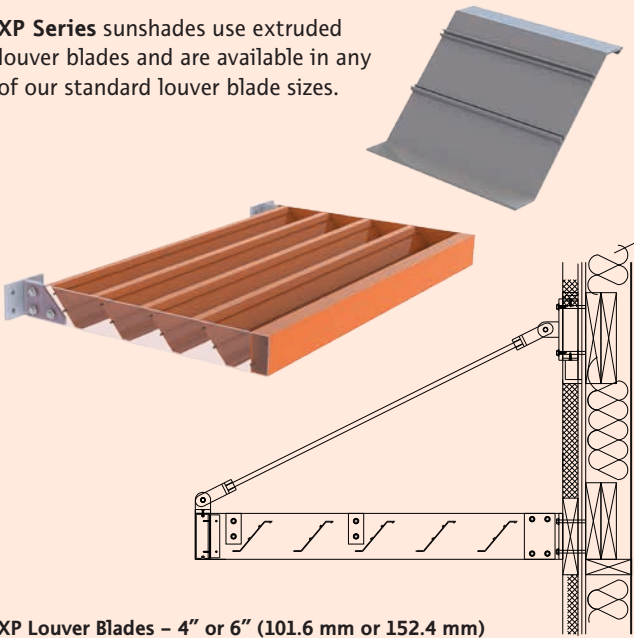
Top Photo: CSU Computer Science Building – Fort Collins, CO

Lower Left Photo: Courtyard Marriott – Minneapolis, MN

Lower Right Photo: Inova Heart Institute – Falls Church, VA



XP Series sunshades use extruded louver blades and are available in any of our standard louver blade sizes.



XP Louver Blades – 4" or 6" (101.6 mm or 152.4 mm)

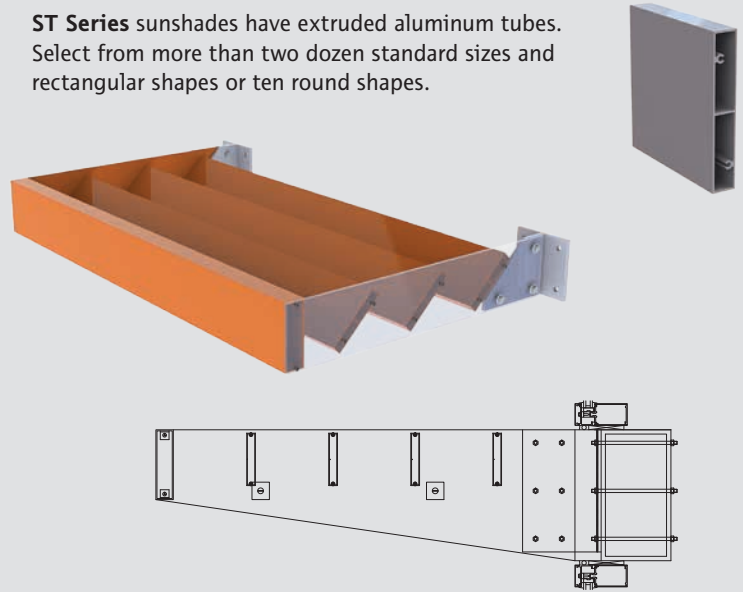
*Lakeville Professional Building –
Lakeville, MN*



*Children's Hospital of the Kings Daughter –
Norfolk, VA*

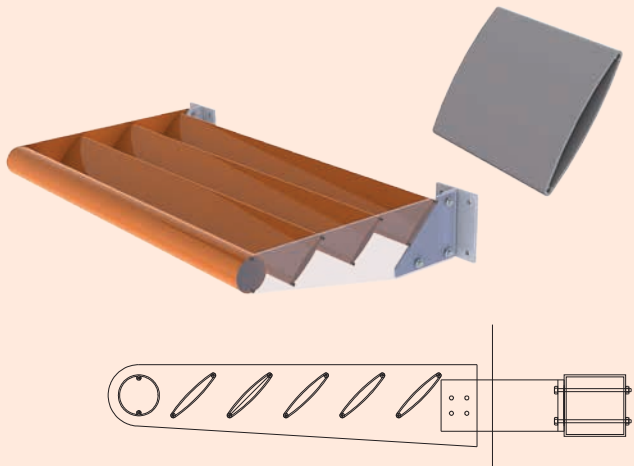


ST Series sunshades have extruded aluminum tubes. Select from more than two dozen standard sizes and rectangular shapes or ten round shapes.



**Rectangular Tubes – 1" to 12" (25.4 mm to 304.8 mm)
Round Tubes – 1" to 6" (25.4 mm to 152.4 mm)**

SA Series sunshades have extruded aluminum airfoil blades. Choose from 16 pre-designed extrusions from 3" to 17" (76.2 mm to 431.8 mm) or create a custom profile.



Airfoil Blades – 3" to 17" (76.2 mm to 431.8 mm)

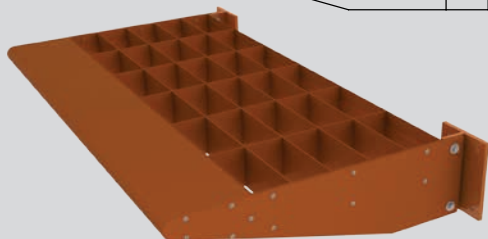
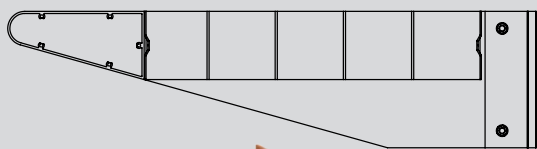
*Lifetime Fitness –
Chanhassen, MN*



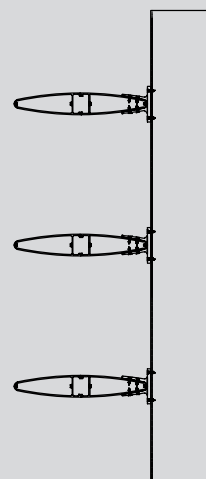


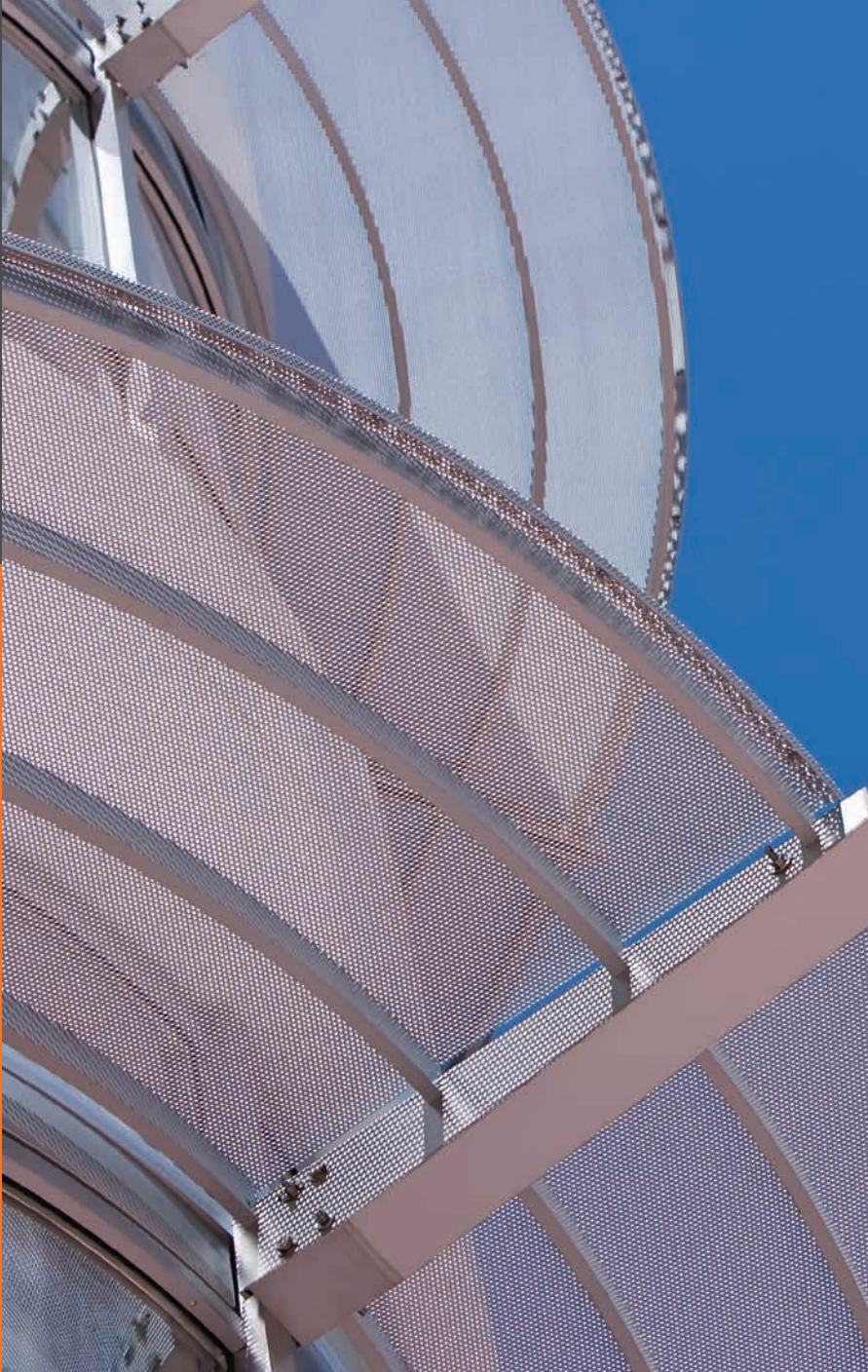
*Center for Advanced
Energy Studies -
Idaho Falls, ID*

ECG Series sunshades incorporate standard or custom decorative grilles as the shading device.



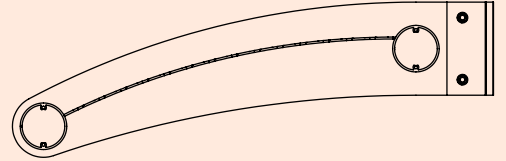
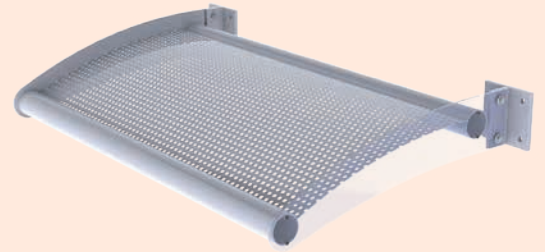
FA Series sunshades can be made with virtually any of our tube or airfoil profiles. They provide maximum shading without eliminating views.



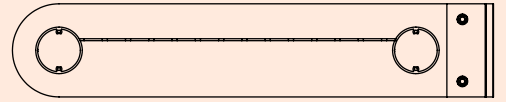
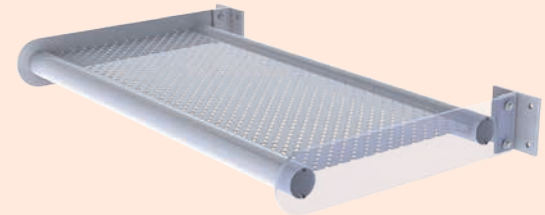


PS Series sunshades replace blades with perforated panels and are available in standard and custom patterns.

PS100 SERIES



PS200 SERIES

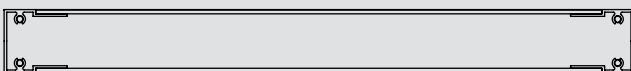
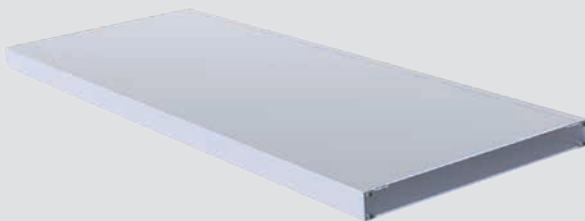


CSU Diagnostic Medicine Center - Fort Collins, CO

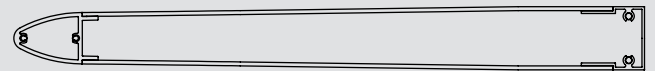
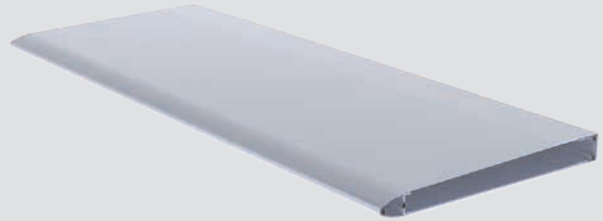
LIGHT SHELVES

Light shelves are available for interior or exterior use. In interior applications light reflects up, providing increased daylighting without the glare. We offer custom and standard sizes with bullnose or square profile.

LS100 SERIES



LS200 SERIES



FASCIA PROFILE OPTIONS

Fascia profiles are an optional component of the sunshade but provide a finishing touch for any sunshade. Like our blade options, there are dozens of standard profiles and sizes to choose from. Common shapes include bullnose, wedge, rectangular and round tubes.



MOUNTING PROFILE OPTIONS

Proper mounting is critical to sunshade performance. Mounting options allow sunshades to be installed on a wide range or combination of substrates. Complex applications often require coordination with the design and construction teams as well as other manufacturers. ILI can work closely with all teams throughout the process to ensure the overall design and performance goals are met.

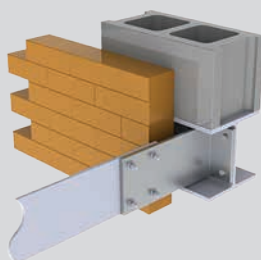
A selection of common options is shown. More mounting options, including storefront and steel stud wall selections, are also available.



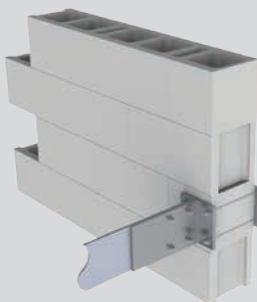
Bracket to Curtainwall Mount



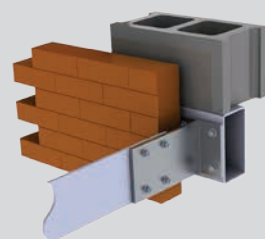
Bracket to Bond Beam Mount



Bracket to I-Beam Mount



Bracket to CMU Mount



Bracket Through Brick Mount

OUTRIGGER PROFILE OPTIONS

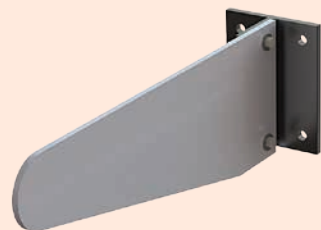
Outriggers can be made from flat aluminum or tubes. Custom flat shapes, cut in house, can be nearly any shape. Our tube selection includes a range of standard tubes. Custom extrusions are also available.



Rectangular Outrigger



Tube Outrigger



Shaped Outrigger



EQUIPMENT SCREENS & LOUVERED FENCES

Equipment screens are designed to hide unwanted views and increase security of mechanical systems, HVAC equipment, trash enclosures, parking garages and other applications. Because they are louvered screens, they achieve these goals while still allowing air flow to the systems or areas they hide. Louvered fences hide views in areas where a full enclosure is not required.

All louvered screens provide some level of protection against unwanted views. On higher elevations, sight-lines from the ground can be blocked by inverting louver blades. True sight-proof louvers completely block views from every direction using specially designed blades. Blades can be mounted vertically or horizontally, depending on aesthetic preference. Sight-proof construction is often used at ground level for trash enclosures and stockyards.

Top Photo: St. George Ferry – Staten Island, NY

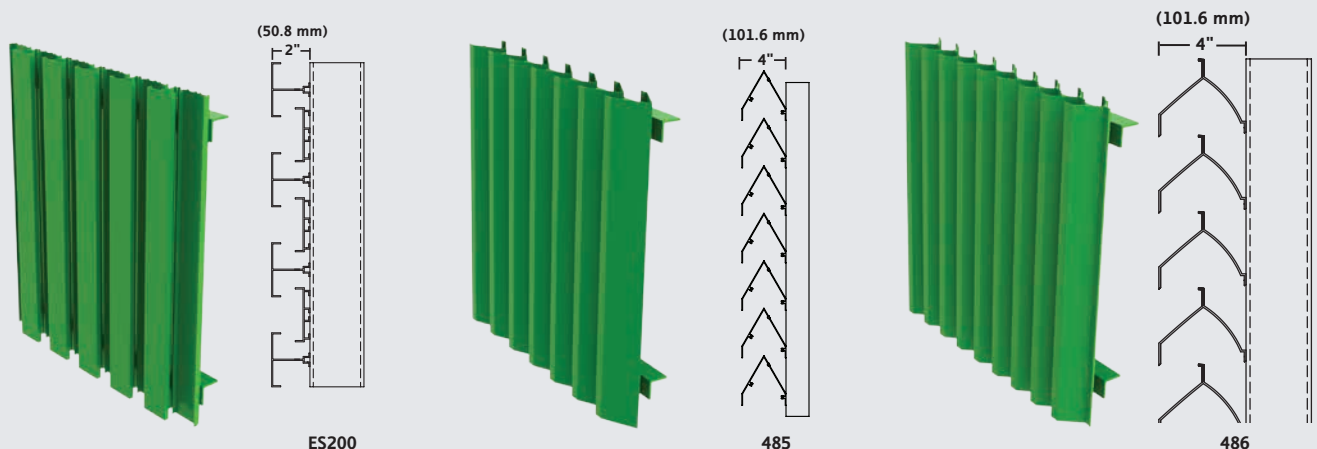
Lower Left Photo: U of M Parking Ramp – Minneapolis, MN

Lower Right Photo: Crestview Elementary School – Cottage Grove, MN



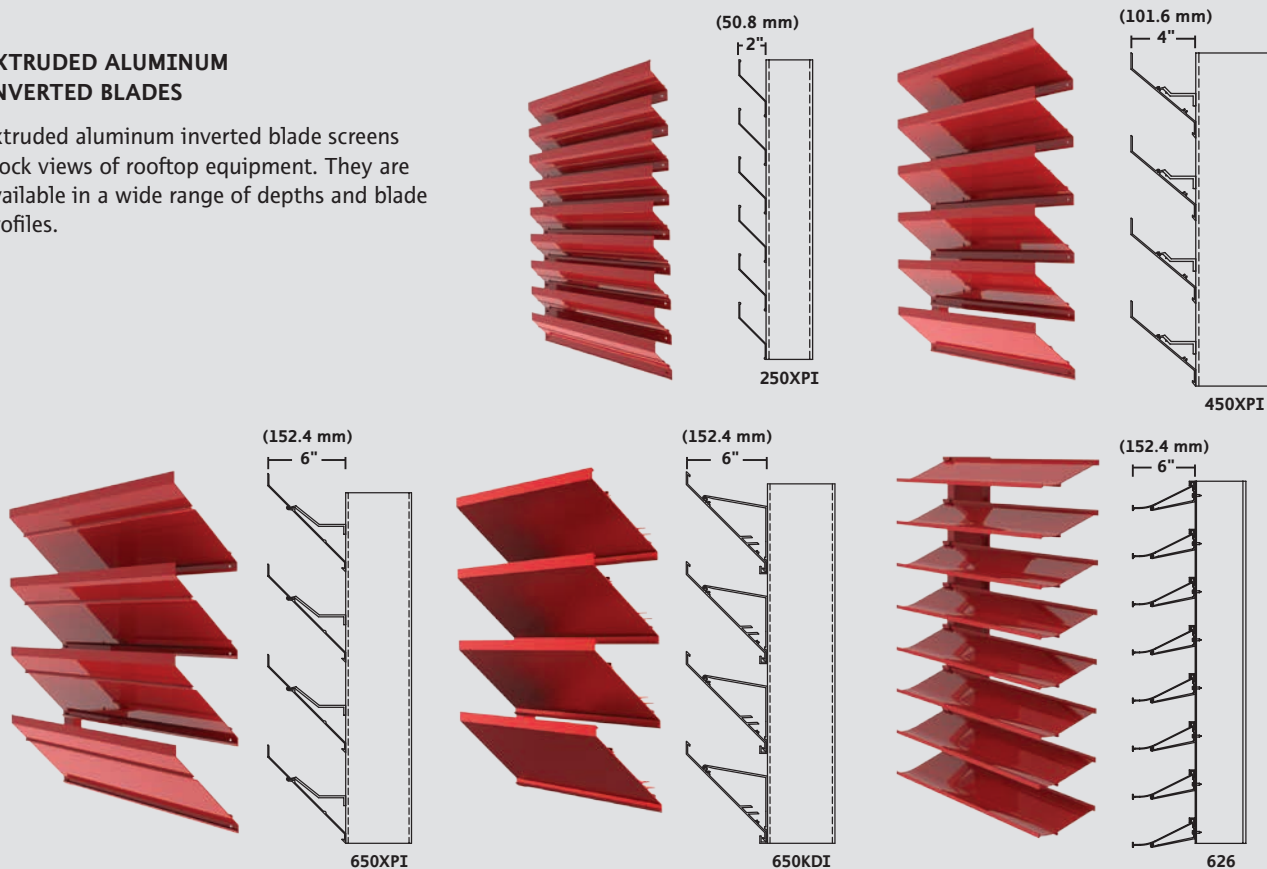
EXTRUDED ALUMINUM VERTICAL BLADES

Extruded aluminum vertical blade screens are available in a variety of profiles and are a good choice for sightproof screens on ground-level or rooftop applications.



**EXTRUDED ALUMINUM
INVERTED BLADES**

Extruded aluminum inverted blade screens block views of rooftop equipment. They are available in a wide range of depths and blade profiles.

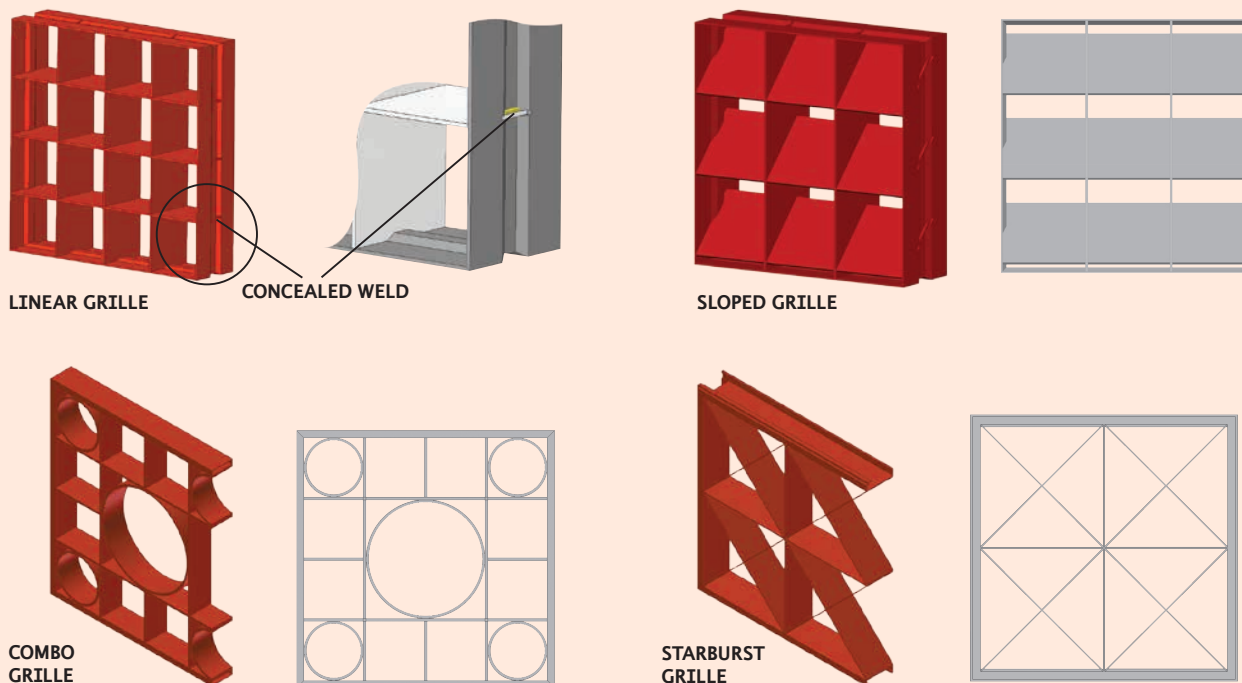


DECORATIVE GRILLES

Decorative grilles or decorative screens can be used simply as a decorative feature or for creating visual screens to increase privacy, hide equipment or parking facilities. Applications that are strictly aesthetic are limited only by the imagination. We have a range of flat bars, tubes and channels that can be configured in any number of different ways.

For functional decorative grilles and decorative screens, selecting the right product for the application is important to meeting performance needs. Egg crate grilles are commonly used in parking ramps and garages as they allow for maximum air flow for exhaust. Louvered grilles also serve a critical need to allow air flow through openings while rejecting unwanted elements such as water and airborne debris. If the application requires special attention to wind or load performance, our engineering firm, licensed in all 50 states, can verify that custom designs meet performance needs.

Select from common grille patterns or create a custom grille.





COLUMN COVERS & BEAM WRAPS

Our column covers and beam wrap products provide a wide range of durable and attractive solutions for interior and exterior structural applications. Available in radiused, square or oval profiles with hairline, caulked or reveal joints, imagination is virtually the only design limitation. Our manufacturing capabilities allow for radiuses as tight as 8" (203.2 mm), maximum arc length of 58" (1473.2 mm) and single units as tall as 15 feet (4.57 m). Units can be stacked to achieve greater heights.

Selecting the right material for the job will help ensure maximum product life. We offer stainless steel columns, aluminum columns, aluminum composite material (ACM) column covers and beam wraps.

Joining options provide additional design flexibility. Varied levels, both vertical and horizontal, can enhance the design. Hairline joints provide a clean, finished look. Regardless of the joining method, ILI supplies complete systems, including custom-fabricated clips to meet the unique installation requirements of each job. This saves installers countless hours of on-site labor. Our engineering firm, licensed in all 50 states, can verify that our products can maintain their integrity over the long term.

*Top Photo:
Exterior, Delcrest II - St. Louis, MO*

*Lower Left Photo:
Interior, Delcrest II - St. Louis, MO*

*Lower, Top Right Photo:
Interior, Delcrest II - St. Louis, MO*

*Lower, Bottom Right Photo:
Exterior, Delcrest II - St. Louis, MO*

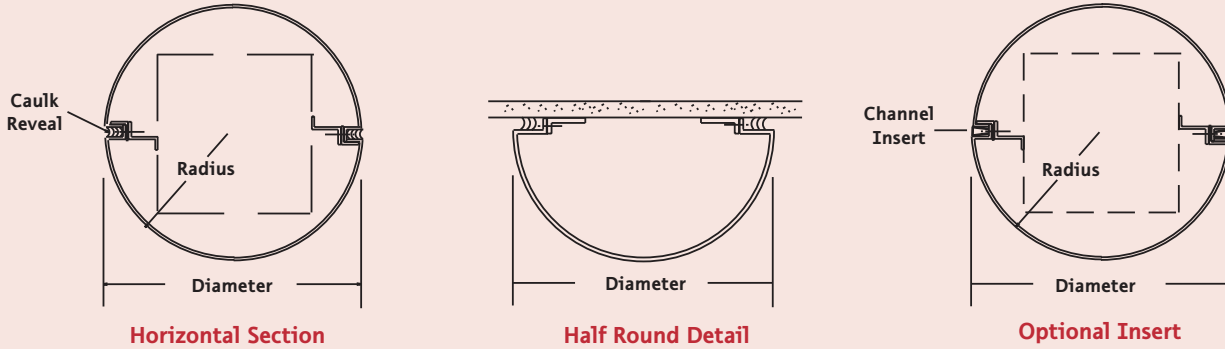


COLUMN COVERS AND BEAM WRAPS

Full and half column covers are available in round, oval, square and rectangular designs. Beam wraps are rectangular. All models are available in stainless steel, aluminum and ACM. Caulk reveal seams can integrate with other building design elements to enhance the look of a project. Hairline seams are ideal for applications that require a nearly seamless design.

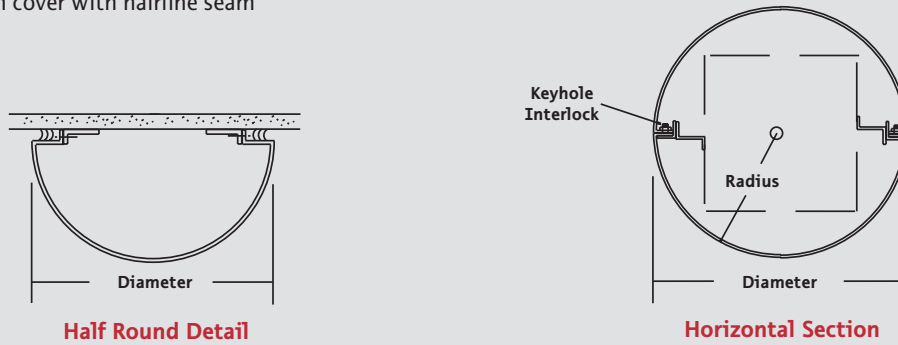


Model AF-1000-CC – Column cover with caulk reveal and optional reveal insert



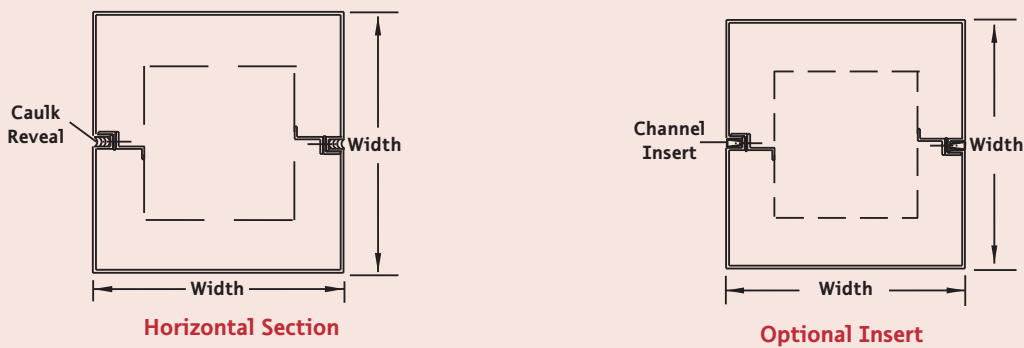
MODEL AF-1000-CC

Model AF-2000-CC – Column cover with hairline seam



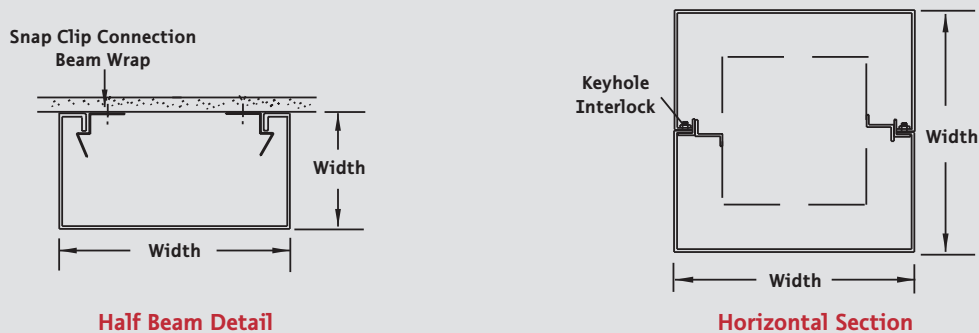
MODEL AF-2000-CC

Model AF-1000-BW – Beam wrap with caulk reveal and optional reveal insert



MODEL AF-1000-BW

Model AF-2000-BW – Beam wrap with caulk reveal and optional reveal insert



MODEL AF-2000-BW

FINISHES

QUALITY FINISHES INCLUDING KYNAR 500® AND HYLAR 5000®

Coatings and anodized finishes make each product unique and are key to durability and long-term value of projects. ILI offers a comprehensive range of painted and anodized finishes. Our wide selection of standard finishes will compliment nearly any exterior, but we also custom-match colors and offer exotic patterns and high-performance and marine finishes.

KYNAR 500® AND HYLAR 5000® FINISHES

ILI offers the advantage of in-house painting for Kynar finishes. Finishing product in-house ensures we can enforce the highest possible quality standards and significantly reduces the potential for damage from shipping to an outside finisher. It also reduces lead times and provides us with the flexibility to manage our own finishing schedule. By eliminating potential delays and having the ability to respond to urgent needs, we are better able to get products to the jobsite on time.

Beautiful, durable Kynar coatings are resistant to chalking, abrasion and ultraviolet degradation and keep products looking new for years. Selecting the right finish for the job is important. We offer 50% and 70% Kynar finish in two-, three- or four-coat finishes. The percentage refers to the percentage of fluoropolymer in the paint and is the driver of durability. We recommend 70% Kynar finish for most applications. It provides maximum protection against air pollution, acid rain and general airborne dirt and will resist fading in sunlight. For interior applications, 50% Kynar is acceptable. Other uses appropriate for 50% Kynar also include exterior applications where products are not exposed to direct sunlight or if products are not visible and appearance is not critical. Our 70% Kynar can carry up to a 20-year warranty. Our 50% Kynar has a maximum seven-year warranty.

The number of paint coats does not always affect durability or warranty. Paint coats are generally based on the color. Some colors require a clear coat or multiple layers to create the desired look. Bright colors, metallic colors and whites tend to require more coats, as do special finishes like wood grain patterns. Colors that can be achieved in a two-coat process are the most economical choice, but are just as durable as three- and four-coat process colors.

Note that colors are representations only and will not match actual finishes. When making a final color selection, please request a hard copy of our finish guide or samples of color chips.



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ilinfo@IndustrialLouvers.com

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ANODIZED FINISHES

Although not as durable, anodized finishes offer an attractive finish for some applications. We offer Class 2 clear and Class 1 clear and color anodized finishes. Like staining wood instead of painting it, anodizing allows the character of the raw material to show through. It will not cover up variances in the material.

Class 2 clear anodized finish should be used only for interior applications. Minimum coating for Class 2 clear anodized finish is 0.40 mil. Class 1 finishes are a minimum of 0.70 mil. They are more durable and are available in clear and a range of standard and custom colors. We also offer a limited selection of shades of bronze and black. Our standard warranty for anodized finishes is one year. Longer warranties up to five years are available for an additional charge.

Bone White 391A580 (70%) 731A582 (50%)	Stone White 391A454 (70%) 731A539 (50%)	Seawolf 397F199 (70%) 737A359 (50%)	Classic II Champagne Pearl 399C245 (70%) 379A917 (50%)
Oriental Ivory 393A361 (70%) 733A487 (50%)	Seawolf Beige 393F061 (70%) 733A327 (50%)	Classic II Silver 399B697 (70%) 379A892 (50%)	Rawhide 397A538 (70%) 733A477 (50%)
Sandstone 393X321 (70%) 733A321 (50%)	Statuary Bronze 397F262 (70%) 737A610 (50%)	Fashion Grey 392A849 (70%) 732A577 (50%)	Brick Red 394F146 (70%) 734A201 (50%)
Sierra Tan 397A537 (70%) 737A606 (50%)	Dark Brown 397A536 (70%) 737A604 (50%)	Charcoal 392A848 (70%) 732A575 (50%)	Black 398F019 (70%) 738A044 (50%)
Military Blue 396A933 (70%) 736A647 (50%)	Interstate Green 395F081 (70%) 735A355 (50%)	Anodic Clear 399C210 (70%)	Dark Bronze 397A606 (70%) 737A605 (50%)

(70%) Fluoropon Color Codes | (50%) Acroflur Acrodize Color Codes