

Air Louvers has been an industry leader in manufacturing door louvers and vision lites for the hollow metal and wood door industries for over 30 years. Our products include such options as UL and Warnock Hersey (WHI) approval for fire and safety-rated requirements, fire-listed and safety-rated glass, detention and security-grade options, for a wide variety of applications.

We also offer custom-design and manufacturing of door lites and louvers for your specialty application.

GLAZING



Air Louvers carries an extensive line of fire-rated, safety-rated and non-rated glazing. From Category II-rated wire glass to 3-hour heat barrier products, we work with you to help you meet the job specifications.

FIRE-RATED AND IMPACT-RATED GLASS					
Application	Description & Testing	Impact Rating	Listed	Fire Rating	Product Name & Order Code
Fire and Impact-rated Filmed Wired Glass	Wire glass with safety film applied - 1/4" (6mm) UL 10C, UBC 7-2, UBC 7-4 Positive Pressure ANSI Z97.1 and CPSC 16 CFR 1201	CAT II	WHI	20- 90 Min.	WireShield (WS)
Impact-Rated Tempered Glass	Safety-rated glazing for non-fire-rated applications - 1/4" ANSI Z97.1 & CPSC 16CFR 1201	CAT II	--	--	Tempered (TEMP)
Fire-rated Traditional Wired Glass	Wired glass - 1/4" (6mm) UL 10C, UBC 7-2 Positive Pressure	CAT I	UL	20- 90 Min.	Wire Glass (UL)
Fire and Impact-rated Glass	Clear glass - 1/4" (6mm) UL 10C, UBC 7-2 Positive Pressure ANSI Z97.1 and CPSC 16 CFR 1201, STC Rating: 28	CAT II	UL & WHI	20- 90 Min.	PyroGlas Shield (PYRO)
Fire and Impact-rated Filmed Ceramic Glass	Ceramic glazing - 3/16 (5mm) UL 10C, UBC 7-2 Positive Pressure ANSI Z97.1 & CPSC 16CFR 1201	CAT II	UL & WHI	20 min- 3 Hour	KeraShield FRF (KFRF)
	Ceramic glazing - 3/4" (18mm) UL 10C, UBC 7-2 Positive Pressure ANSI Z97.1 & CPSC 16CFR 1201, Heat-Barrier Rated	CAT II	UL	20-90 Min.	KeraShield FRU (KFRFU)
Laminated Fire and Impact-rated Filmed Glass with Heat Barrier	Two lites of laminated safety glass separated by an intumescent interlayer - Various Thicknesses UL 10C, UBC 7-2 Positive Pressure ANSI Z97.1 & CPSC, 16CFR 1201, STC Rating: 43 Heat-Barrier Rated (ContraShield is fabricated from Tempered Glass)	CAT II	UL & WHI	20- 90 Min.	SwissShield (SWISS 45,60 90) ContraShield (CONTRA 60,90)
Laminated Ceramic Fire and Impact-rated Glass	Two lites of laminated Ceramic glazing - 5/16- (8mm) UL 10C, UBC 7-2 Positive Pressure ANSI Z97.1 & CPSC 16CFR 1201	CAT II	UL & WHI	20 min- 3 Hour	KeraShield FRL (KFRL)
Other	Polycarbonate, Other laminates, Available upon Request			Varies	

Pak - Complete Lite, Glass & Tape Combination				
Product Name	Type Of Vision Frame & Glazing & Tape Applied	Listed	Fire Tests	Individually Boxed
VSL WS PAK	Slimline Low Profile Beveled Vision Lite & WireShield Glass	WHI	UL10B	
VSL TEMP PAK	Slimline Low Profile Beveled Vision Lite & Tempered Glass	---	---	
VSL UL PAK	Slimline Low Profile Beveled Vision Lite & Std. Wire Glass	UL	UL10B	
VSL KFRF PAK	Slimline Low Profile Beveled Vision Lite & KeraShield Glass	UL	UL10B	
VLFEZ WS PAK	VLFEZ Beveled Vision Lite & WireShield Glass	UL	UL10B	
VLFEZ TEMP PAK	VLFEZ Beveled Vision Lite & Tempered Glass	---	---	
VLFEZ UL PAK	VLFEZ Beveled Vision Lite & Standard Wire Glass	UL	UL10B	
VLFEZ KFRF PAK	VLFEZ Beveled Vision Lite & KeraShield Glass	UL	UL10B	

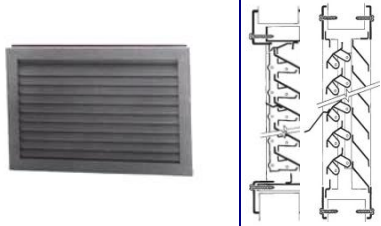
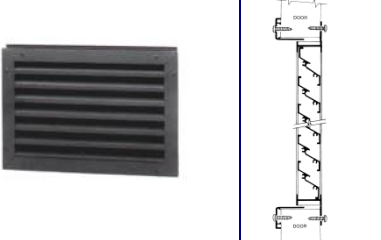
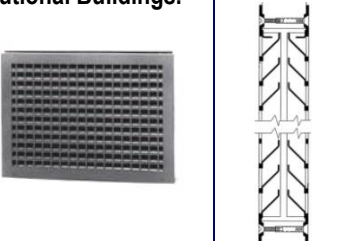

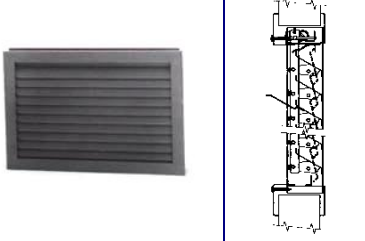

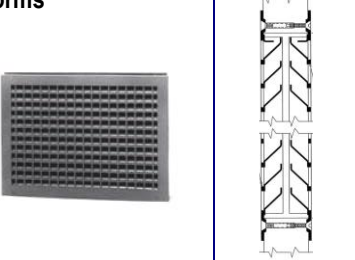
DOOR LOUVERS

Our door louvers line features a wide variety of sizes and blade configurations to meet needs for fire-rated, non-vision, adjustability and mounting specifications. Door louvers are available in steel, electro-galvanized, galvanized sheet and aluminum models. Custom manufacturing capabilities available for specialty applications.

LOUVERS			
<p>Inverted V-Blade – Steel</p> <p>Inverted V-Blade - Aluminum</p>	<p>600 A, A1, Core</p> <p>1300A, 1300A1, 1300C,</p> <p>1300CORE</p>	<p>Class “A” Buildings</p> <p>Non-Vision</p> <p>Single-Sided Fastening</p>	
<p>Inverted Split Y-Blade,</p>	<p>700A</p>	<p>For Non-Standard Doors > 1-3/8”</p> <p>Non-Vision</p> <p>Thru-bolt Installation</p>	
<p>Standard Z-Blade</p> <p>Z-Blade for Transoms</p>	<p>900 A, 900A1, 900</p> <p>CORE</p> <p>700TL</p>	<p>Class “A” Buildings</p> <p>Non-Vision</p> <p>Single-Sided Fastening</p> <p>Flush Mounting in Hollow Metal</p> <p>Transom Frames Non Vision</p>	
<p>Inverted Y-Blade</p> <p>Inverted Y-Blade - Round</p>	<p>800A, 800A1,</p> <p>800 CORE</p> <p>800R</p>	<p>One-piece Construction with Single-Sided Fastening</p> <p>Non-Vision</p>	
<p>Overlapping Channel</p> <p>Blades</p>	<p>1000A, 1000C, 1000</p> <p>CORE</p>	<p>Lightproof for Darkrooms and X-ray Rooms</p>	

DOOR LOUVERS


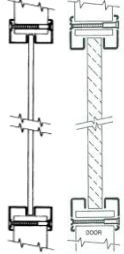

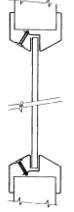
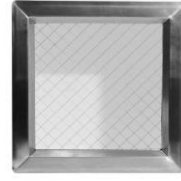
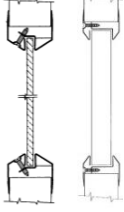

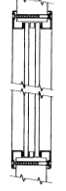
As a division of the Activar Construction Products Group, Air Louvers has multiple shipping locations for our most popular vision and lite kits. In addition to our manufacturing location in Commerce, CA, we have warehouse locations in Bloomington, MN, Lancaster, PA, Chicago, IL and Atlanta, GA. See the 48 Hour Stock Listing on our website at WWW.AIRLOUVERS.COM.

LOUVERS			
<p>Adjustable Z-Blades Twin Adjustable Z-Blades</p>	<p>1100A, 1100C, 11000 CORE 1200A</p>	<p>Manually-Operated Adjustable Louver for Class "A" Buildings Single-Sided Fastening</p>	
<p>Storm-proof Aluminum Z-Blades</p>	<p>1400A, 1400C, 1400 CORE</p>	<p>Storm-proof Louver with Water Baffle for Class "A" Buildings Non-Vision Single-Sided Fastening</p>	
<p>Inverted Y-Blades with Security Grille</p>	<p>1500-A</p>	<p>Two Piece Louver for Class "A" and Institutional Buildings. Security Grill on Interior and Exterior with 13/16" Openings Non-Vision Thru-bolt Installation</p>	
<p>Fire-Rated Adjustable Z-Blades</p> 	<p>1900A 1900ASG</p>	<p>UL and WHI Listed for up to 1-1/2 Hour Rating. Self-closing Mechanism Single-Sided Fastening</p>	
<p>Hurricane & High Wind Velocity, Y-Blade Louver with Security Grille</p> 	<p>1500A-HRC</p>	<p>350 ft/lb Impact Rating for Severe Windstorms DP Rating – 60 PSF Thru-bolt Installation ASTM E330, E1886, E1996 ANSI A250.13 TAS 203, 201, 202</p>	

DOOR LITES/VISION LITES



Air Louvers' line of UL and WHI-rated vision lites features square, rectangular, round, oval and half circle frames with other custom frame shapes available. Security models, utilizing glass up to 1 1/2" thick are also available. We now also offer the PAK – an individually-packaged vision lite complete with glass and applied glazing tape, secure, and ready to ship. Many standard products can be shipped in 48 hours.

VISION LITES				
Standard <ul style="list-style-type: none"> • Glass up to 1/4" - • Round, Half Circle - • Radius Corner - • Glass up to 1 1/2" - • Double Glazing - • With Privacy Cover - • With Security Grille - • Security w/wo Speaker Panel - • Custom Shapes - 	VLF VLFR, VLFRD VLFRG, VLFRI VLFIG VLFDG VLFPVC VLFSG VLF-S10, VLFS10SP		Fire-Rated Safety-Rated UL 10C, UBC 7-2 Pos. Pressure Thru-Bolt Installation	
Standard Beveled <ul style="list-style-type: none"> • Glass up to 1/4" - • Glass up to 1" - • With Mini Blind - • Large Lites with Glass - 	VLFEZ VLFEZIG VLFEZIGMB VL3000		Fire-Rated Safety-Rated UL 10C, UBC 7-2 Pos. Pressure Single-Sided Fastening	
Low Profile Beveled <ul style="list-style-type: none"> • Glass up to 1/4" - • Glass up to 1" - • Round - • With Mini Blind - 	VSL Slimline VSIG VSLR VS-IG-MB		Fire-Rated Safety-Rated UL 10C, UBC 7-2 Pos. Pressure Single-Sided Fastening	
Hurricane & High Wind Velocity	VLFEZHRC & VLFIGHRC		Severe Windstorm-Appvd. ANSI A250.13 TAS 201, 202, 203 ASTM E330, E1886, E1986 350 ft/lb Impact Missile Level D Structural Tested	
PAK – COMPLETE LITE, GLASS & TAPE COMBINATION				
Take the Guesswork out of Glass Coordination with our new "PAK" option. Each PAK includes; Lite Kit, Appropriately-sized Glazing and Pre-applied Glazing Tape, all in a Single Boxing Solution that will Arrive Safely, Reduce Installation Time and Coordination. See Page 1 for More Information.				
METAL EDGES & ASTRAGALS FOR DOORS				
Choose from a selection of door edges & astragals for 1-3/4" doors for the best solution to your door protection problems. Many configurations are available, and we can also customize your order with special paints, special cut-outs or lengths in our fabrication facility. Check out our line of stainless steel hinge guards on our website.				

The Activar Construction Products Group (ACPG) consists of 5 affiliated companies that serve the commercial construction industry. Our multiple product lines are a single source for architects and distributors. Air Louvers manufactures products for the openings market with door lites, louvers and rated glass. Hiawatha is known for its quality architectural door hardware and frameless shower door products. JL Industries is an industry leader in life safety and fire protection, providing fire extinguishers, AED's and cabinets, access panels, roof opening products and entrance flooring systems. Samson Products manufactures many of the products sold under the JL label and serves as a warehouse on the West Coast. Thomas Enterprises is our Southeast aluminum manufacturing facility and warehouse for Thomas and JL products



Air Louvers Warehouses: Commerce CA, Atlanta GA, Lancaster PA, Bloomington MN, Chicago IL

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