

**AIR
LOUVERS**

**TRADEMARK
HARDWARE**
WWW.TMHARDWARE.COM

Door Louvers

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ALPDS1612

800-554-6077

ACTIVAR INC.
CONSTRUCTION PRODUCTS GROUP

FIND THE MOST CURRENT PRODUCT INFORMATION AT ACTIVARCPG.COM/AIR-LOUVERS

DOOR LOUVERS GENERAL INFORMATION

MADE IN USA

All door louvers are manufactured in the USA.

QUICK SHIP FROM 10 LOCATIONS IN THE US!

Several models of Louvers are available in one or more of our **10 stocking locations** in Lancaster PA, Bloomington MN, Commerce CA, Atlanta GA, Seattle WA, Fort Myers FL, Dallas TX, Fargo ND, Omaha NE or Chicago IL. [Check the Stock list online for the most current listing.](#)

CUSTOM ORDERS & SPECIAL SIZES

Because we design and manufacture our own lites & louvers in our California and Minnesota facilities, we can help you with special requests including non-standard sizes, special finishes or custom colors, and fitting non-standard doors. Call Customer Service to find out more.

MATERIAL

All door louvers (except Models 1300 and 1400) are fabricated from cold rolled steel. See specific model for respective gauge. Models 1300 and 1400 are constructed from aluminum which contains approximately 65% recycled content.

CONSTRUCTION

Permanent interlocking construction is used to secure blades to frame on fixed or stationary louvers. All steel louver frames have mitered and flush welded corners. Louvers with adjustable blades employ clearance rivets at all operating points.

FASTENERS

All louvers with mounting frames (styles "C", "A", and "A-1") have standard 3/16" diameter pre-punched holes for Phillips sheet metal screws (provided with each louver). All screw and bolt heads match louver finish. Vandal or tamper-proof such as Torx and hex head fasteners are available as well as other specialty fasteners. For Torx thru-bolt installations, order 2 piece sets.

FINISH

Standard finish for all steel louvers unless otherwise noted, is a powder-coat mineral bronze baked silicone polyester powder. Air Louvers offers 11 powder coat finishes at no additional charge. Powder coating provides complete coverage inside and out, assuring that your louver will provide durable service for years. Powder coating generates no VOC's during the application process or after installation. Specify optional colors at the time of order. Substrate preparation is accomplished through a thorough degreasing and the application of an extended-life iron phosphate coating. Model 1300 louvers are painted silver, Model 700TL is gray and Model 1000 is flat black. Model 1400 is mill aluminum finish. Other finishes and custom colors are available - contact Customer Service. Touch up paint available for most colors.

SCREENS

Most louvers can be fitted with insect screens. 18-14 mesh aluminum, bronze wire, stainless steel or fiberglass insect screening material can be provided. Check individual models to determine if screen is provided in roll formed aluminum frames or shipped loose. Bird screens are also available. Frames are attached by either sheet metal screws, tape, or plastic clips in the field (for easy installation or removal). Screens are normally mounted on the face or corridor frame of the louver. Louvers with operable blades require screen to be mounted to corridor side of frame. Fasteners are available on request.

SIZES

All model louvers and lites are made in commonly-ordered sizes to fit most door applications. The most popular model and sizes are carried in stock for immediate shipment from the factory - [See our Warehouse Stock List](#). Louvers are normally dimensioned in even inch increments, i.e., 12" x 12", 24" x 18", etc., however, other sizes can be made to order. Dimensions are always given with width first and height second. Order dimensions should represent the size of the cut-out opening in the door. The actual louver is undersized by 1/8" or 1/4" (depending on model selected) in each dimension to insure adequate installation clearance.

PACKAGING

Each louver is individually wrapped to prevent damage. Each package is marked with the respective model and size designation. Multiple unit orders may be shipped in corrugated cartons or wooden crates (on special order).

Due to possible changes in the industry and manufacturing techniques, we reserve the right to modify any product without prior notification.

FIND THE MOST CURRENT PRODUCT INFORMATION AT WWW.ACTIVARCPG/COM/AIR-LOUVERS

INVERTED V-BLADE LOUVER: 600 SERIES REV A

L1

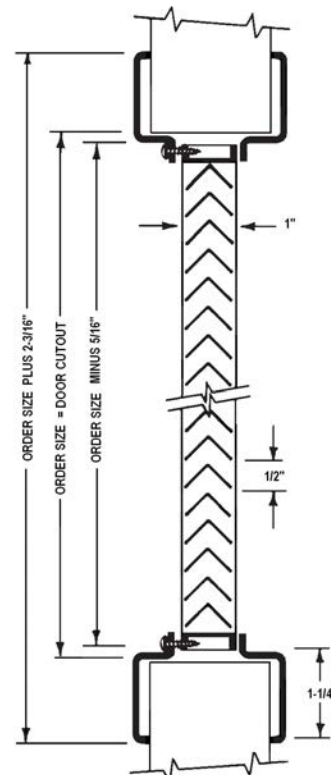
Inverted "V" Blades with 60% Free Area - Recommended for Schools, Class "A" and Institutional Buildings



SPECIFICATIONS:

Material:	20 gauge CRS frame and louvers. Min size 6" x 4", max 24" x 80". Multiple sections can be combined for larger sizes
Construction:	Louvers: Inverted "V" blades with 1/2" blade spacing are attached by interlocking construction to a 1" deep, welded frame. Non-vision. 600A1 Frame: 1-1/4" trim, mitered and welded corners. Screws fasten through frame into louver core, leaving corridor side of frame free of fasteners.
Door:	____ 1-3/4" - Any Model Door cutout = order size. ____ 1 3/8"-1 3/4" - 600CORE, 600C, 600A
Mounting Options:	____ Select one mounting option from table below.
Fasteners:	Phillips head screws #8 x 3/4" to match finish.
Powder Coat Finishes:	____ (B) Mineral Bronze (standard color) ____ (G) Gray ____ (BK) Black ____ (FBK) Flat Black ____ (W) White ____ (SB) SC Beige ____ (SI) Silver ____ (S) Sand ____ (AB) AMS Beige ____ (R) Red ____ (GH) Gray Hammertone Color Samples Online
Free Flow Area:	60% free area.

600A1
Photo &
Drawing



**SELF-
ATTACHING
FRAME**

OPTIONAL FEATURES AT ADDITIONAL COST:

Finishes & Materials:	____ (S) 20 gauge stainless steel, #4 finish ____ 16 gauge CRS ____ (J) Galvanneal sheet for exterior use and corrosion-resistance ____ (E) Electro Galvanized for corrosion resistance & exterior use .
Fasteners:	____ Torx ____ Other: _____
Screen:	____ 18 x 14 mesh insect screen installed in roll-formed aluminum frame. ____ aluminum ____ bronze ____ fiberglass ____ stainless ____ Bird Screen.
Custom:	Custom sizes, other door thickness, other options; Contact Customer Svc.

DOOR MOUNTING OPTIONS - SELECT ONE

600A1: Self-attaching, vandal-proof design; basic blade unit with flanged frame welded to face (corridor) side and separate removable flanged frame on opposite side; fits 1-3/4" door only.	
600 CORE: Basic blade unit only; for interior door or as transom louver held in place with wood or metal moulding (furnished by others); fits any size door.	
600C: Basic blade unit with single flanged frame welded to face (corridor) side. Wood or metal moulding (by others) used on opposite side; fits any size door.	
600A: Basic blade unit with flanged frame welded to face (corridor) side and separate flanged frame on opposite side; frame adjustable to fit any door thickness from 1-3/8" to 1-3/4".	

Order Format: **600** _____
Example: 600A 1212B A,A1,CORE,C Option S,J,E W H Color

 <small>CONSTRUCTION PRODUCTS GROUP</small>	Distributor:	Width: _____ x Height: _____
	Architect:	Quantity:
	Contractor:	Model:
	Project:	Date: _____ Version: ALPDS1612
800-554-6077 QUOTES@ACTIVARCPG.COM ORDERS@ACTIVARCPG.COM SALES@ACTIVARCPG.COM Fax: 952-835-2218		
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Mfg: COMMERCE CA, BLOOMINGTON, MN • WAREHOUSES: LANCASTER PA, ATLANTA GA, CHICAGO IL, SEATTLE WA, FORT MYERS FL, DALLAS TX		

2 Rows of Inverted, Split "Y" Blades with Two-Piece Design for Wood or Metal Doors

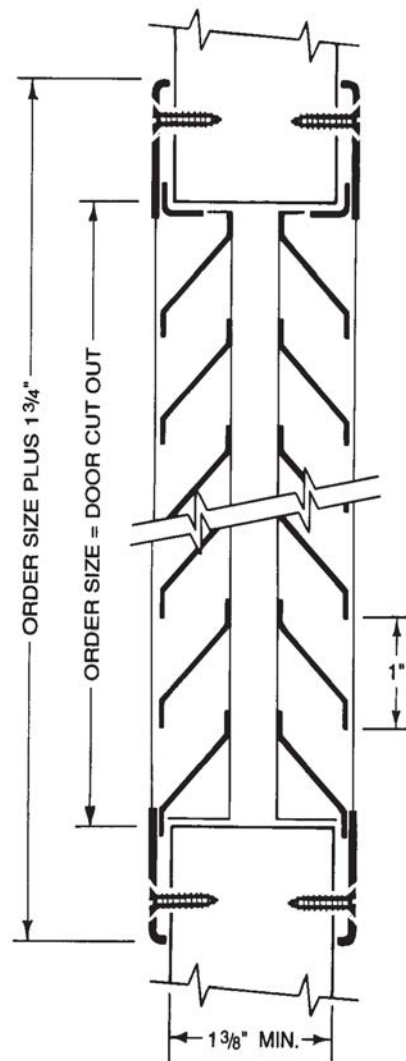


SPECIFICATIONS:

Material:	18 gauge CRS frame and blades. Min size 6" x 4", Max 48" x 80". Multiple sections can be combined for larger sizes
Construction:	Louvers & Frame: 2 rows of inverted split "Y" blades at 1" intervals are attached by interlocking construction to the 3/4" deep welded frame. 1-1/4" trim, with mitered and welded corners and countersunk mounting holes. Non-vision Construction. Louver frame is screwed into door from 2 sides.
Door:	Minimum 1-3/8" thick door. Door cutout = order size.
Fasteners:	Phillips head screws #8 x 3/4" to match finish.
Powder Coat Finishes:	<input type="checkbox"/> (B) Mineral Bronze <input type="checkbox"/> (G) Gray (stock colors) <input type="checkbox"/> (BK) Black <input type="checkbox"/> (FBK) Flat Black <input type="checkbox"/> (W) White <input type="checkbox"/> (SB) SC Beige <input type="checkbox"/> (SI) Silver <input type="checkbox"/> (S) Sand <input type="checkbox"/> (AB) AMS Beige <input type="checkbox"/> (R) Red <input type="checkbox"/> (GH) Gray Hammettone Color Samples Online
Free Flow Area:	50% free area.



OPTIONAL FEATURES AT AN ADDITIONAL COST:

Finishes & Materials:	<input type="checkbox"/> (S) 18 gauge stainless steel, #4 finish <input type="checkbox"/> 16 gauge CRS. <input type="checkbox"/> (J) Galvanneal sheet for exterior use and corrosion-resistance <input type="checkbox"/> (E) Electro Galvanized for corrosion resistance & exterior use.
Screen:	<input type="checkbox"/> 18 x14 mesh insect screen installed with rivets or screws. <input type="checkbox"/> aluminum <input type="checkbox"/> bronze <input type="checkbox"/> fiberglass <input type="checkbox"/> stainless <input type="checkbox"/> Bird Screen.
Custom:	Custom sizes, other door thickness, other options; Contact Customer Service.



STOCK ITEM— THIS ITEM IN STOCK FOR NEXT DAY SHIPMENT IN SEVERAL STANDARD SIZES FROM CA & WA WAREHOUSES

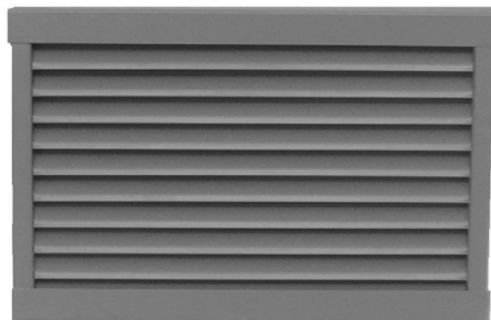
Order Format: **700** _____
Example: 700A 1212B Option S,J,E W H Color

 	Distributor:	Width: _____ x Height: _____
	Architect:	Quantity:
	Contractor:	Model:
	Project:	Date: _____ Version: ALPDS1612
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FLUSH-MOUNTED LOUVER FOR TRANSOMS: 700TL - REV B

L3

Two Rows of Inverted Split "Y" Blades in a 1-13/16" Frame for Flush Mounting in Hollow Metal Frames.

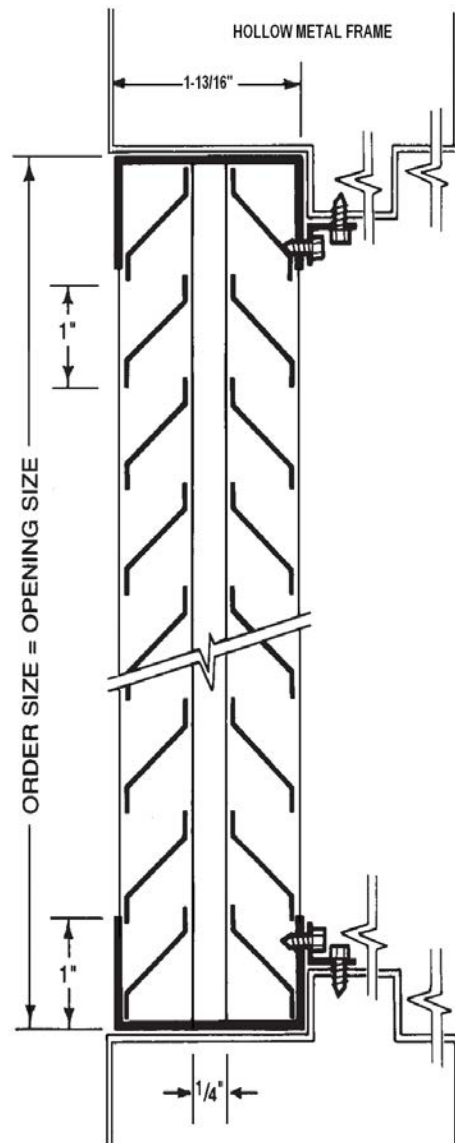


SPECIFICATIONS:

Material:	18 gauge CRS. Min size 6" x 4", Max 36" x 36". Multiple sections can be combined for larger sizes
Construction:	2 rows of inverted split "Y" blades at 1" intervals. Blades are attached by interlocking construction to the 1-13/16" deep assembly mounted in a "U" channel frame. Non-vision Construction. Multiple sections can be combined for larger transoms.
Frame:	For installation into hollow metal frame by others. Frame inside dimensions of opening = order size.
Fasteners:	Mounting clips furnished with hex head self-drilling tek screw.
Powder Coat Finishes:	____ (G) Gray (standard color) ____ (B) Bronze ____ (BK) Black ____ (FBK) Flat Black ____ (W) White ____ (SB) SC Beige ____ (SI) Silver ____ (S) Sand ____ (AB) AMS Beige ____ (R) Red ____ (GH) Gray Hammertone Color Samples Online
Free Flow Area:	50% free area.

OPTIONAL FEATURES AT AN ADDITIONAL COST:

Finishes & Materials:	____ (S) 20 gauge #4 stainless steel satin finish ____ 16 gauge CRS ____ (J) Galvanneal sheet for exterior use and corrosion-resistance ____ (E) Electro Galvanized for corrosion resistance & exterior use
Screen:	____ 18x14 mesh insect screen installed with rivets or screws ____ aluminum ____ bronze ____ fiberglass ____ stainless ____ Bird Screen
Custom:	Custom sizes, other door thickness, other options; Contact Customer Service.



Order Format:

700TL



Example: 700TL J1212B

Option S,J,E

W

H

Color

  <small>CONSTRUCTION PRODUCTS GROUP</small>	Distributor:	Width: ____ x Height: ____	
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	Contractor:	Model:	
	Project:	Date:	Version: ALPDS1612
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An Innovative Concept for Adding Privacy to Doors and Windows

Air Louver's New Privacy Screen is a cost-effective system to add privacy to doors and windows blocking all light and vision.



**For Use on Fire-Rated and Non-Rated
Doors and Windows**

Privacy Screen Key Benefits:

- Fits all manufacturer's vision lites
 - Pulls down for privacy and retracts with a push of a button
 - Maximum size has been increased to fit half-light size of 30" x 36"
 - Less expensive than vision kits with mini-blinds encased in glass
 - Installation takes seconds
 - Tested to 10,000 cycles
 - Patent-Pending
 - UL-Listed
- Educational Facilities
 - Hospitals and Clinics
 - Conference Rooms
 - Laboratories
 - Warehouses
 - Offices

VISIT OUR WEBSITE OR SEE OUR NEW CATALOG SECTION
SHOWING PRIVACY SCREEN OPTIONS

INVERTED Y-BLADE LOUVER: 800 SERIES

L5

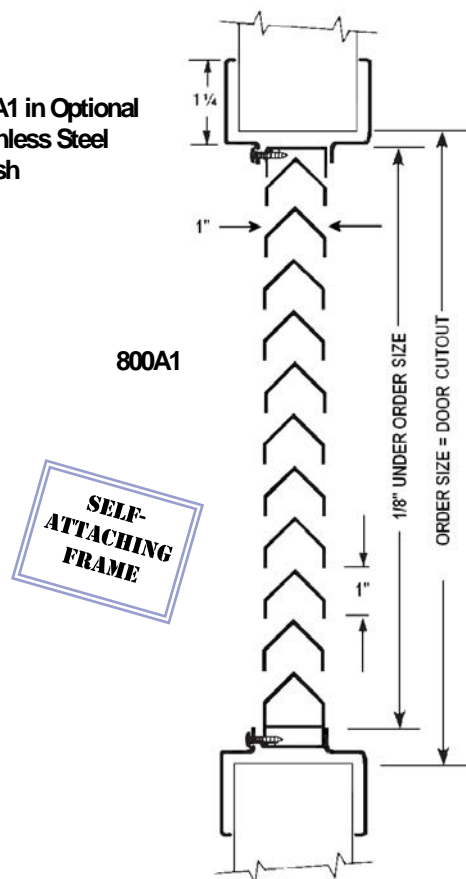
Inverted "Y" Blades Recommended for Schools, Class "A" and Institutional Buildings.



800A1 in Optional
Stainless Steel
Finish

SPECIFICATIONS:

Material:	18 gauge CRS frame and 20 gauge blades. Min size 6" x 4", Max 48" x 80". Multiple sections can be combined for larger sizes
Construction:	Louvers: Inverted "Y" blades with 1" blade spacing are attached by interlocking construction to the 1" deep, welded frame. Non-vision. 800A1 Frame: 1-1/4" trim, mitered and welded corners. Screws fasten through frame into louver core, leaving corridor side of frame free of fasteners.
Door:	_____ 1-3/4" Any Style. Door cutout = order size. _____ 1 3/8"-1 3/4" - 800CORE, 800C, 800A.
Mounting Options:	_____ Select one mounting option from table below.
Fasteners:	Phillips head screws #8 x 3/4" to match finish.
Powder Coat Finishes:	_____ (B) Mineral Bronze (std color) _____ (BK) Black _____ (FBK) Flat Black _____ (SI) Silver _____ (SB) SC Beige _____ (GH) Gray Hammertone _____ (S) Sand _____ (AB) AMS Beige _____ (G) Gray (A1 stock color) _____ (W) White _____ (R) Red Color Samples Online.
Free Flow Area:	50% free area.



OPTIONAL FEATURES AT AN ADDITIONAL COST:

Finishes & Materials:	_____ (S) 18 gauge frame and 20 gauge stainless steel, #4 finish _____ 16 gauge CRS _____ (J) Galvanneal sheet for exterior use and corrosion-resistance _____ (E) Electro Galvanized for corrosion resistance & exterior use
Fasteners:	_____ Torx _____ Other: _____
Screen:	_____ 18x14 mesh insect screen installed in roll-formed aluminum frame _____ aluminum _____ bronze _____ fiberglass _____ stainless _____ Bird Screen.
Custom:	Custom sizes, other door thickness, round frame, other options; Contact Customer Service.

**STOCK ITEM— 800A1 IN STOCK FOR NEXT DAY SHIPMENT
IN SEVERAL STANDARD SIZES FROM MOST WAREHOUSES**

Order Format: 800 _____
Example: 800A1 1212S A,A1,CORE,C Option S,J,E W H Color

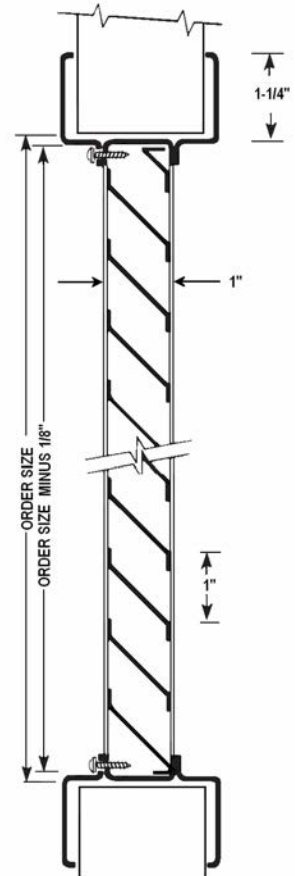
DOOR MOUNTING OPTIONS - SELECT ONE	
800A1: Self-attaching, vandal-proof design; basic blade unit with flanged frame welded to face (corridor) side and separate removable flanged frame on opposite side; fits 1-3/4" door only.	
800CORE: Basic blade unit only; for interior door or as transom louver held in place with wood or metal moulding (furnished by others); any size door.	
800C: Basic blade unit with single flanged frame welded to face (corridor) side. Wood or metal moulding (by others) used on opposite side; fits any size door.	
800A: Basic blade unit with flanged frame welded to face (corridor) side and separate flanged frame on opposite side; frame adjustable to fit any door thickness from 1-3/8" to 1-3/4".	

 ACTIVAR INC. CONSTRUCTION PRODUCTS GROUP	Distributor:	Width: _____ x Height: _____
	Architect:	Quantity:
	Contractor:	Model:
	Project:	Date: _____ Version: ALPDS1612
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Standard "Z" Blades Recommended for Schools, Class "A" and Institutional Buildings.



**900A1
Mounting
Option
Shown
Photo &
Drawing**



SPECIFICATIONS:

Material:	18 gauge CRS frame and blades. Min size 6" x 4", Max 48" x 80". Multiple sections can be combined for larger sizes
Construction:	Louvers: "Z" blades with 1" blade spacing are attached by interlocking construction to the 1" deep, welded frame. Non-vision. 900A1 Frame: 1-1/4" trim, mitered and welded corners. Screws fasten through frame into louver core, leaving corridor side of frame free of fasteners.
Door:	_____ 1-3/4" - A1 Style. Door cutout = order size. _____ 1 3/8"-1 3/4" - 900CORE, 900C, 900A
Mounting Options:	_____ Select one mounting option from table below.
Fasteners:	Phillips head screws #8 x 3/4" to match finish.
Powder Coat Finishes:	_____ (B) Mineral Bronze (standard color) _____ (G) Gray _____ (BK) Black _____ (FBK) Flat Black _____ (W) White _____ (SB) SC Beige _____ (SI) Silver _____ (S) Sand _____ (AB) AMS Beige _____ (R) Red _____ (GH) Gray Hammetone Color Samples Online
Free Flow Area:	43% free area.

OPTIONAL FEATURES AT AN ADDITIONAL COST:

Finishes & Materials:	_____ (S) 18 gauge stainless steel, #4 finish _____ 16 gauge Cold Rolled Steel _____ (J) Galvanneal sheet for exterior use and corrosion-resistance _____ (E) Electro Galvanized for corrosion resistance & exterior use .
Fasteners:	_____ Torx _____ Other: _____
Screen:	_____ 18x14 mesh insect screen installed in roll-formed aluminum frame _____ aluminum _____ bronze _____ fiberglass _____ stainless _____ Bird Screen.
Custom:	Custom sizes, other door thickness, other options; Contact Customer Service.

Order Format: **900**
Example: 900C 1212AB A,A1,CORE,C Option S,J,E W H Color

DOOR MOUNTING OPTIONS - SELECT ONE

900A1: Self-attaching, vandal-proof design; basic blade unit with flanged frame welded to face (corridor) side and separate removable flanged frame on opposite side; fits 1-3/4" door only.	
900CORE: Basic blade unit only; for interior door or as transom louver held in place with wood or metal moulding (furnished by others); any door size.	
900C: Basic blade unit with single flanged frame welded to face (corridor) side. Wood or metal moulding (by others) used on opposite side; fits any size door.	
900A: Basic blade unit with flanged frame welded to face (corridor) side and separate flanged frame on opposite side; frame adjustable to fit any door thickness from 1-3/8" to 1-3/4".	

 	Distributor:	Width: _____ x Height: _____
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EXTERIOR Z-BLADE LOUVER: 900 FPL- REV A



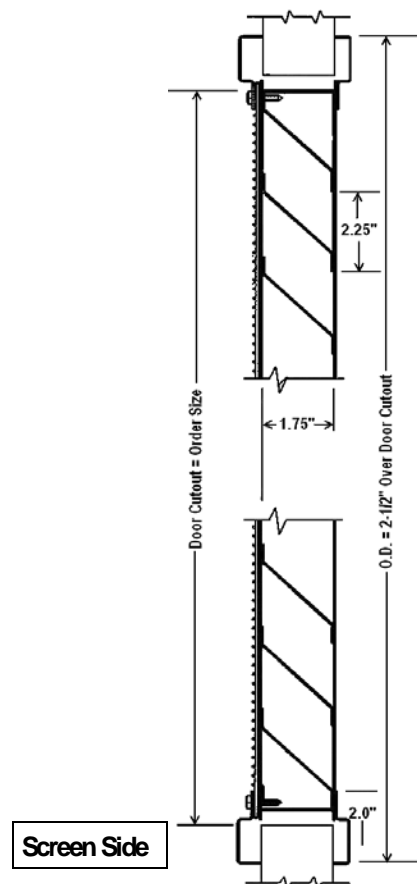
L7

Exterior "Z" Louver with Bird Screen and Galvanneal Construction For Exterior Applications



SPECIFICATIONS:

Material:	20 gauge frame and 18 gauge blades are galvanneal sheet metal for maximum weather resistance for exterior applications. Multiple sections can be combined for larger sizes. Min size 10" x 10".
Construction:	Louvers: "Z" blades with 2 1/4" blade spacing are attached by interlocking construction to the 1 3/4" deep, welded frame. Non-vision. Frame: 2" trim, mitered and welded corners. Screws fasten through frame into louver core, leaving exterior side of frame free of fasteners.
Door:	1-3/4" Doors. Door cutout = order size.
Fasteners:	Phillips head screws #8 x 3/4" to match finish.
Finish:	Powder coat gray.
Free Flow Area:	50% free area.
Screen:	Bird Screen Standard on interior side of louver. Insect screen optional.



OPTIONAL FEATURES AT AN ADDITIONAL COST:

Finishes & Materials:	____ (S) 18 gauge stainless steel, #4 finish ____ (CRS) 16 gauge CRS
Fasteners:	____ Torx ____ Other: _____
Insect Screen:	____ 18 x14 mesh insect screen installed with rivets or screws. ____ aluminum ____ bronze ____ fiberglass ____ stainless
Custom Size:	____ Width: ____ x Height: ____ (To be quoted by customer service)

Order Format: 900FPL _____
Example: 900FPL 1864 Option S,CRS W H Color

Standard Sizes Rough Opening Width x Height			
Qty	Size	Qty	Size
	12" x 12"		24" x 60"
	12" x 18"		* 24" x 64"
	18" x 12"		24" x 72"
	15" x 80"		24" x 80"
	18" x 60"		36" x 60"
	18" x 64"		36" x 64"
	18" x 72"		36" x 72"
	20" x 64"		36" x 76"
	20" x 80"		36" x 84"
	24" x 24"		* Stocked in FL

 ACTIVAR INC. <small>CONSTRUCTION PRODUCTS GROUP</small>	Distributor:	Width: _____ x Height: _____
	Architect:	Quantity:
	Contractor:	Model:
	Project:	Date: _____ Version: ALPDS1612
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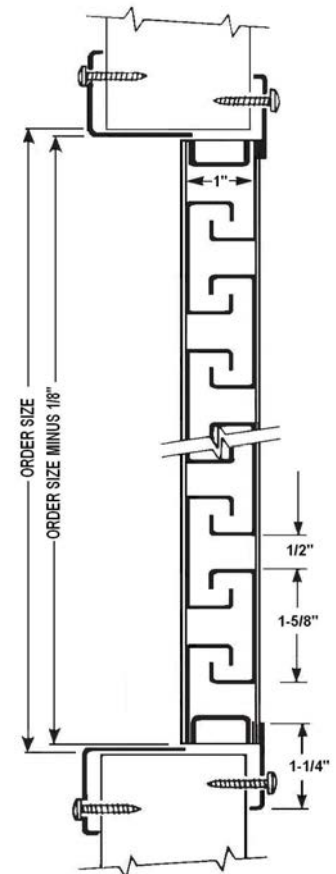
Lightproof Overlapping Channel Blades for Darkrooms, X-Ray Rooms, Media Rooms.



**1000A
Photo &
Drawing**

SPECIFICATIONS:

Material:	18 gauge CRS frame and louver blades. Min size 8" x 6", Max 50" x 70". Multiple sections can be combined for larger sizes
Construction:	Louvers: Overlapping blades with 1/2" blade spacing are attached by interlocking construction to the 1" deep, welded frame. 1000A Frame: 1-1/4" trim, mitered and welded corners. Louver frame is screwed into door from 2 sides.
Door:	_____ 1 3/8"-1 3/4" - Any Style. Door cutout = order size
Mounting Options:	_____ Select one mounting option from table below.
Fasteners:	Phillips head screws #8 x 3/4" to match finish.
Finish:	Non-Reflective flat black.
Free Flow Area:	20% free area.



OPTIONAL FEATURES AT AN ADDITIONAL COST:

Custom:	Custom sizes, other door thickness; Contact Customer Service.
Finishes & Materials:	_____ (J) Galvanneal sheet for exterior use and corrosion-resistance _____ (E) Electro Galvanized for corrosion resistance & exterior use

Order Format: _____ **1000**
Example: 1000CORE 1212 _____ A,CORE,C Option J, E _____ W _____ H

DOOR MOUNTING OPTIONS - SELECT ONE

1000A: Basic blade unit with flanged frame welded to face (corridor) side and separate flanged frame on opposite side; frame adjustable to fit any door thickness from 1-3/8" to 1-3/4"	
1000 CORE: Basic blade unit only; for interior door or as transom louver held in place with wood or metal moulding (by others); any door size.	
1000C: Basic blade unit with single flanged frame welded to face (corridor) side. Wood or metal moulding (by others) used on opposite side; fits any size door.	

 <small>CONSTRUCTION PRODUCTS GROUP</small>	Distributor:	Width: _____ x Height: _____
	Architect:	Quantity:
	Contractor:	Model:
	Project:	Date: _____ Version: ALPDS1612
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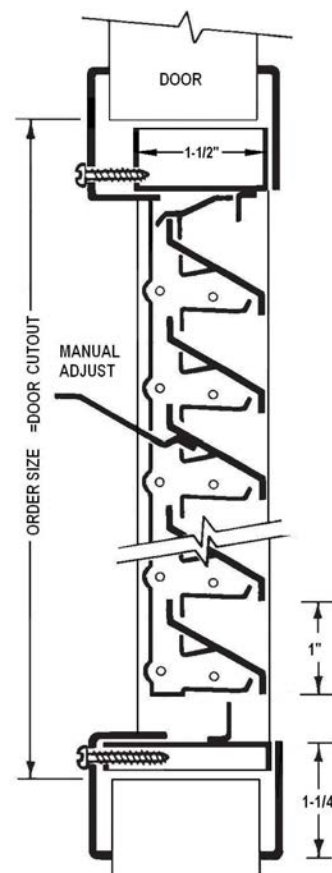
ADJUSTABLE Z-BLADE LOUVER: 1100 SERIES

L9

Manually-Operated Adjustable Louver for Doors, Transoms and Partitions



1100A
Photo &
Drawing



SPECIFICATIONS:

Material:	16 gauge CRS frame and louver. Min size 8" x 6", Max 24" x 30". Multiple sections can be combined for larger sizes
Construction:	Louver: Z-blades riveted to operating bar and frame at 1" intervals in 1-1/2" deep welded frame. Mechanical stop holds blades open. 1100A Frame: Mitered and welded corners; screws fastened through prepared frame into louver core leaving corridor side of frame free of fasteners. CORE & 1100C: 1/2" stop on top, 1/4" on bottom and 3/8" on sides.
Operation:	Manually-adjustable on interior face unless otherwise specified.
Door:	1-3/8"-1 3/4" - Any Style. Door cutout = order size.
Mounting Options:	Select one mounting option from table below.
Fasteners:	Phillips head screws #8 x 3/4" to match finish.
Powder Coat Finishes:	____ (B) Mineral Bronze (standard color) ____ (G) Gray ____ (BK) Black ____ (FBK) Flat Black ____ (W) White ____ (SB) SC Beige ____ (SI) Silver ____ (S) Sand ____ (AB) AMS Beige ____ (R) Red ____ (GH) Gray Hammertone Color Samples Online
Free Flow Area:	45% free area.

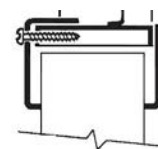
OPTIONAL FEATURES AT AN ADDITIONAL COST:

Finishes & Materials:	____ (S) 18 gauge stainless steel, #4 finish ____ (E) Electro Galvanized for corrosion resistance & exterior use .
Fasteners:	____ Torx ____ Other: _____
Screen:	____ 18x14 mesh insect screen installed in roll formed aluminum frame on corridor side of louver. ____ aluminum ____ bronze ____ fiberglass ____ stainless
Custom:	Custom sizes, other door thickness, other options; Contact Customer Service.

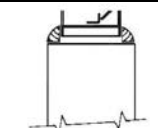
Order Format: 1100
Example: 1100A 1212R A,CORE,C Option S,E W H Color

DOOR MOUNTING OPTIONS - SELECT ONE

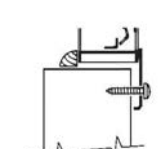
1100A: Self-attaching, blade unit with flanged frame welded to face (corridor) side and separate removable flanged frame on opposite side: frame adjustable to fit any door thickness from 1-3/8" to 1-3/4".



1100 CORE: Basic blade unit only; for interior door or as transom louver held in place with wood or metal moulding (by others); any door size.



1100C: Basic blade unit with single flanged frame welded to face (corridor) side. Wood or metal moulding (by others) used on opposite side; fits any size door



 ACTIVAR INC. <small>CONSTRUCTION PRODUCTS GROUP</small>	Distributor:	Width: _____ x Height: _____
	Architect:	Quantity:
	Contractor:	Model:
	Project:	Date: _____ Version: ALPDS1612
800-554-6077 QUOTES@ACTIVARCPG.COM ORDERS@ACTIVARCPG.COM SALES@ACTIVARCPG.COM Fax: 952-835-2218 Visit WWW.ACTIVARCPG.COM FOR THE MOST UPDATED PRODUCT INFORMATION © 2017 ACTIVAR CONSTRUCTION PRODUCTS GROUP, INC Mfg: COMMERCE CA, BLOOMINGTON, MN • WAREHOUSES: LANCASTER PA, ATLANTA GA, CHICAGO IL, SEATTLE WA, FORT MYERS FL, DALLAS TX		

Twin "Z" Blades— Recommended for Applications Where Both Non-Vision and Adjustable Design is Required in a Tandem Unit

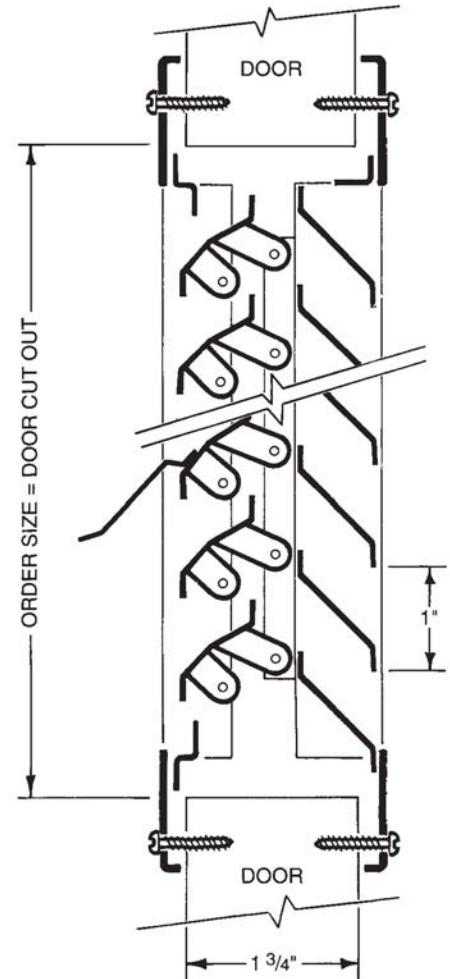


SPECIFICATIONS:



Material:	18 gauge CRS frame and louver blades. Min size 10" x 6", Max 24" x 36". Multiple sections can be combined for larger sizes
Construction:	Louver: Two Z-blade sections - The adjustable side is riveted to operating bar and frame at 1" intervals, the fixed side is attached by interlocking construction to the frame. Frame: Mitered and welded corners. Louver frame is screwed into door from 2 sides.
Operation:	Manually-adjustable on interior face unless otherwise specified.
Door:	1-3/4" minimum thickness door. Door cutout = order size.
Fasteners:	Countersunk mounting holes with #8 x 3/4" Phillips flathead screws to match finish.
Powder Coat Finishes:	____ (B) Mineral Bronze (standard color) ____ (G) Gray ____ (BK) Black ____ (FBK) Flat Black ____ (W) White ____ (SB) SC Beige ____ (SI) Silver ____ (S) Sand ____ (AB) AMS Beige ____ (R) Red ____ (GH) Gray Hammertone Color Samples Online
Free Flow Area:	43% free area.

OPTIONAL FEATURES AT AN ADDITIONAL COST:

Finishes & Materials:	____ (S) 20 gauge stainless steel, #4 finish ____ (E) Electro Galvanized for corrosion resistance & exterior use ____ .
Fasteners:	____ #8-32 Phillips flathead machine screw thru-bolted to #8-32 binder bolt with blank head on corridor side of frame for tamper-proof installations.
Screen:	____ 18x14 mesh insect screen installed with rivets or screws. ____ aluminum ____ bronze ____ fiberglass ____ stainless ____ Bird Screen.
Custom:	Custom sizes, other door thickness, other options; Contact Customer Service.



Order Format: **1200A** ____
Example: 1200A 1227B Option S,E W H Color

 	Distributor:	Width: ____ x Height: ____
	Architect:	Quantity:
	Contractor:	Model:
	Project:	Date: Version: ALPDS1612
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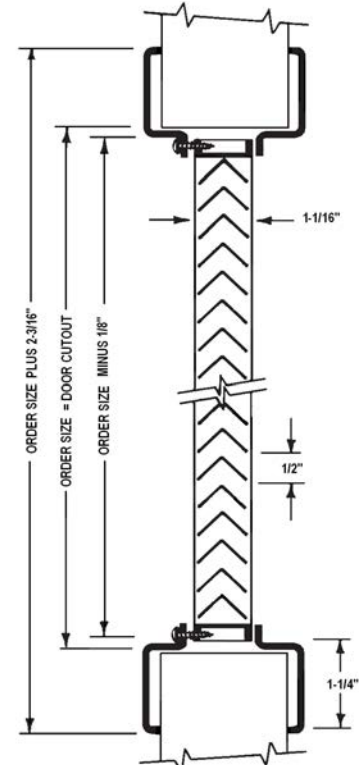
ALUMINUM INVERTED V-BLADE LOUVER: 1300 SERIES

L11

Inverted "V" With 60% Free Area Recommended for Buildings Where
All-Aluminum Construction is Desired, or for Humid Environments



**1300A1
Photo &
Drawing**

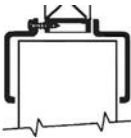
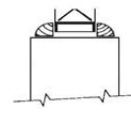
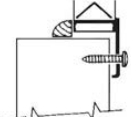
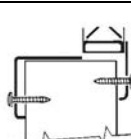


SPECIFICATIONS:



Material:	Formed from .050 aluminum. Min size 6" x 4", Max 24" x 80". Multiple sections can be combined for larger sizes
Construction:	Louvers: "V" blades with 1/2" blade spacing are attached by interlocking construction to the 1-1/16" deep, welded frame. Frame: 1-1/4" trim, mitered and welded corners. Screws fasten through frame into louver core, leaving corridor side of frame free of fasteners.
Door:	_____ 1-3/4" - Any Style. Door cutout = order size. _____ 1 3/8"-1 3/4" - 1300CORE, 1300C, 1300A
Mounting Options:	_____ Select one mounting option from table below.
Fasteners:	#8 x 3/4" Phillips head screws to match finish.
Powder Coat Finishes:	_____ (SI) Silver—Standard Finish _____ (B) Mineral Bronze _____ (G) Gray _____ (BK) Black _____ (FBK) Flat Black _____ (W) White _____ (SB) SC Beige _____ (R) Red _____ (S) Sand _____ (AB) AMS Beige _____ (GH) Gray Hammertone. Color Samples Online
Fasteners:	#8 x 3/4" Phillips head screws.
Free Flow Area:	60% free area.

OPTIONAL FEATURES AT AN ADDITIONAL COST:

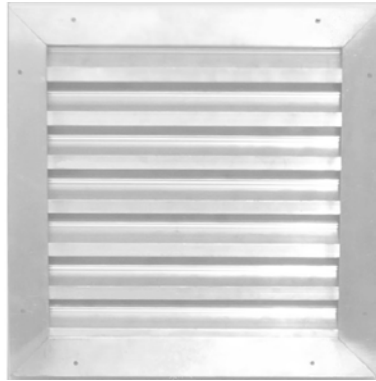
Fasteners:	_____ Torx _____ Other: _____
Screen:	_____ 18x14 mesh insect screen installed in roll formed aluminum frame. _____ aluminum _____ bronze _____ fiberglass _____ stainless _____ Bird Screen.
Custom:	Custom sizes, other door thickness, other options; Contact Customer Service.

DOOR MOUNTING OPTIONS - SELECT ONE	
1300A1: Self-attaching, vandal-proof design; basic blade unit with flanged frame welded to face (corridor) side and separate removable flanged frame on opposite side; fits 1-3/4" thick doors only.	
1300 CORE : Basic blade unit only for interior doors; or as transom louver held in place with wood or metal moulding (by others); any door size.	
1300C: Basic blade unit with single flanged frame welded to face (corridor) side. Wood or metal moulding (by others) used on opposite side; fits any size door.	
1300A: Basic blade unit with flanged frame welded to face (corridor) side and separate flanged frame on opposite side; frame adjustable to fit any door thickness from 1-3/8" to 1-3/4".	

Order Format:	1300	_____	_____	_____	_____
Example: 1300A1 1212SI		A,A1,CORE,C	W	H	Optional Color

 	Distributor:	Width: _____ x Height: _____
	Architect:	Quantity:
	Contractor:	Model:
	Project:	Date: Version: ALPDS1612
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Stormproof Aluminum "Z" Blades Incorporate a Water Baffle, Suitable for Exterior Applications Where Weather Protection is Required. Available with Insect or Bird Screen.



SPECIFICATIONS:

Material:	.063" thick 6063-T5 extruded aluminum. Min size 8" x 8", Max 36" x 80". Multiple sections can be combined for larger sizes
Construction:	Louver: "Z" blades with water baffle at 1-5/8" intervals are screwed into the 1-1/4" deep frame. Non-vision design. 1400A Frame: 1/2" trim with reinforced mitered corners. Louver frame is screwed into door from 2 sides.
Door:	_____ 1 3/8"-1 3/4" - Any Style. Door cutout = order size.
Mounting Options:	_____ Select one mounting option from table below.
Fasteners:	#8 x 3/4" Hex head screws to match finish.
Finish:	Mill finish aluminum.
Free Flow Area:	35% free area.

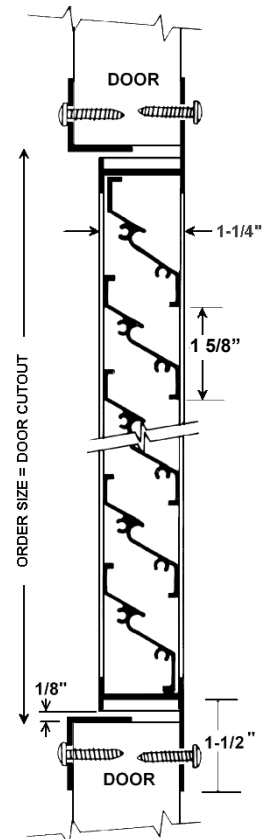
OPTIONAL FEATURES AT AN ADDITIONAL COST:

Fasteners:	_____ Torx _____ Other: _____
Screen:	_____ 18 x14 mesh insect screen installed in roll-formed aluminum frame. _____ aluminum _____ bronze _____ fiberglass _____ stainless _____ Bird Screen.
Custom:	Custom sizes, other door thickness, other options; Contact Customer Service.

Order Format: **1400** _____
Example: 1400C 1212 **A,CORE,C** **W** **H**

1400A

**Mounting
Shown in
Photo and
Drawing**



DOOR MOUNTING OPTIONS - SELECT ONE

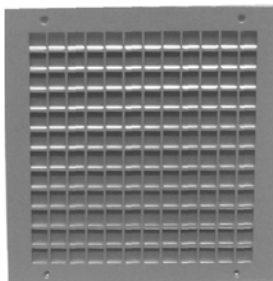
1400A: (Shown Above) Basic blade unit with flanged frame welded to face (corridor) side and separate removable flanged frame on opposite side; frame adjustable to fit any door thickness from 1-3/8" to 1-3/4".	
1400 CORE: Basic blade unit only; for interior doors; or as transom louver held in place with wood or metal moulding (furnished by others); any door size.	
1400C: Basic blade unit with single flanged frame welded to face (corridor) side. Wood or metal moulding (by others) used on opposite side; fits any size door.	

 <small>CONSTRUCTION PRODUCTS GROUP</small>	Distributor: _____	Width: _____ x Height: _____	
	Architect: _____	Quantity: _____	
	Contractor: _____	Model: _____	
	Project: _____	Date: _____	Version: ALPDS1612
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1500A LOUVER WITH SECURITY GRILLE: 1500A

L13

Inverted, Split "Y" Blades with 12 Gauge Security Grille on Both Sides.
Two-Piece Thru-bolt Louver Design Recommended for Vandal-Proof Building Design.

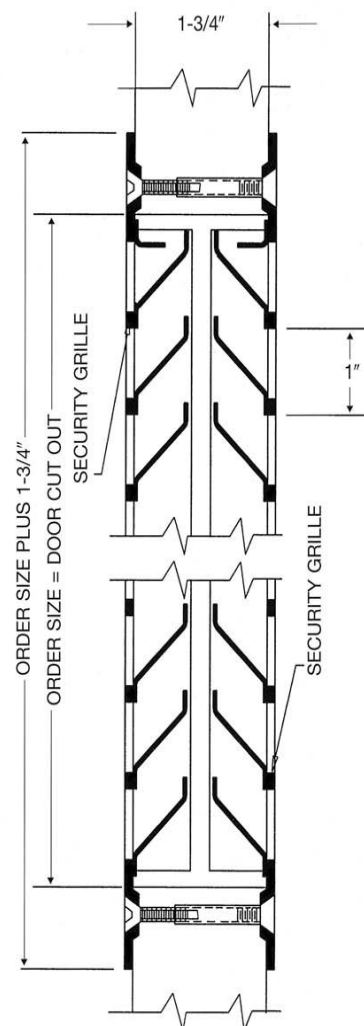


SPECIFICATIONS:

Material:	18 gauge CRS frame and blades; 12 gauge CRS security grille. Min size 6" x 6", Max 36" x 80". Multiple sections can be combined for larger sizes
Construction:	Louvers: 2 rows of Inverted, split "Y" blades with 1" blade spacing are attached to welded frame with by interlocking construction. Non-vision. Security Frame: Security grille is welded to on interior and exterior of louver with 13/16" square openings 1" on center. Thru-bolted to door.
Door:	1-3/4" Doors. Door cutout = order size.
Fasteners:	#8 x 32 Phillips head thru-bolts with blank head one side to match finish.
Powder Coat Finishes:	<input type="checkbox"/> (B) Mineral Bronze (standard color) <input type="checkbox"/> (G) Gray <input type="checkbox"/> (BK) Black <input type="checkbox"/> (FBK) Flat Black <input type="checkbox"/> (W) White <input type="checkbox"/> (SB) SC Beige <input type="checkbox"/> (SI) Silver <input type="checkbox"/> (S) Sand <input type="checkbox"/> (AB) AMS Beige <input type="checkbox"/> (R) Red <input type="checkbox"/> (GH) Gray Hammertone Color Samples Online
Free Flow Area:	40% free area.

OPTIONAL FEATURES AT AN ADDITIONAL COST:

Finishes & Materials:	<input type="checkbox"/> (S) Stainless steel: #4 finish - Contact Manufacturer for Details. <input type="checkbox"/> (E) Electro Zinc Plating for Maximum Corrosion Resist. <input type="checkbox"/> 16 gauge CRS blade.
Fasteners:	<input type="checkbox"/> Torx <input type="checkbox"/> Other: _____
Screen:	<input type="checkbox"/> 18x14 mesh insect screen installed with rivets or screws between frames. <input type="checkbox"/> aluminum <input type="checkbox"/> bronze <input type="checkbox"/> fiberglass <input type="checkbox"/> stainless <input type="checkbox"/> Bird Screen.
Custom:	Custom sizes, other door thickness, other options; Contact Customer Service.



Order Format: 1500A

Example: 1500ASG 1212B

Option S,E

W

H

Color

 ACTIVAR INC. <small>CONSTRUCTION PRODUCTS GROUP</small>	Distributor:	Width: _____ x Height: _____
	Architect:	Quantity:
	Contractor:	Model:
	Project:	Date: _____ Version: ALPDS1612
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L14



FIRE-RATED ADJUSTABLE Z-BLADE LOUVER: 1900A™ REVA

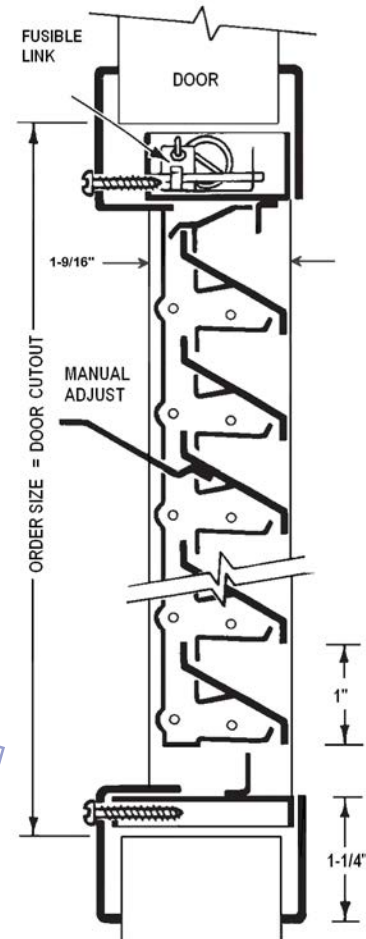
This Adjustable Z-Blade Louver with Fusible Link is Ideal for Use in Fire Doors up to 1-1/2 Hour Rating.
Ideal for Installation in Existing Door Cutouts.



SPECIFICATIONS:

Material:	18 gauge (.048") CRS frame. Min size 10" x 6", Max 24" x 24".
Construction:	Louver: Z-blade louvers riveted to operating bar and frame at 1" intervals to welded 1-9/16" deep frame. Mechanical stop 5/8" x 3/8" x 16 ga. (.048") holds blades open. Frame: Mitered and welded corners; screws fastened through prepared frame into louver core leaving corridor side of frame free of fasteners.
Operation:	Adjustable blades of 16 gauge (.059") CRS pivot on cadmium-plated steel rivets. The blades are operated by a manual adjusting lever. A spring loaded fusible link mechanism is incorporated into the design. Upon melting of the link at 165° F, the action bar is actuated, thereby closing and locking all of the blades.
Door :	For 1-3/4" steel or composite doors. Door cutout = order size.
Fasteners:	#8 x 3/4" Phillips flathead screws to match finish.
Powder Coat Finishes:	<input type="checkbox"/> (B) Mineral Bronze (standard color) <input type="checkbox"/> (G) Gray <input type="checkbox"/> (BK) Black <input type="checkbox"/> (FBK) Flat Black <input type="checkbox"/> (W) White <input type="checkbox"/> (SB) SC Beige <input type="checkbox"/> (SI) Silver <input type="checkbox"/> (S) Sand <input type="checkbox"/> (AB) AMS Beige <input type="checkbox"/> (R) Red <input type="checkbox"/> (GH) Gray Hammertone Color Samples Online
Free Flow Area:	45% free area.

SELF-ATTACHING FRAME



OPTIONAL FEATURES AT AN ADDITIONAL COST:

Finishes & Materials:	<input type="checkbox"/> (E) Electro Galvanized for corrosion resistance & exterior use.
Fasteners:	<input type="checkbox"/> Torx <input type="checkbox"/> Other: _____
Screen:	<input type="checkbox"/> Insect or Bird Screen in aluminum frame, attached to corridor side.
Custom:	Custom sizes, other door thickness. Contact Customer Service.

Order Format: 1900A _____
Example: 1900A 1212B Option S,E W H Color

LISTINGS & RATINGS:



Fire Ratings with UL & WHI Classification Marks
Tested & Listed for UL10C, and classified in accordance with UBC7-2-94, ASTM E152, CANULC S104, NFPA 252. Install in accordance with NFPA80.

Model 1900A is Rated for use in fire doors up to 1-1/2 hour rating. Louver size shall not exceed maximum of 576 sq. inches, 24"W and 24" H. The minimum width and height shall not be less than 10" and 6", respectively. Louvers may be provided for classified hollow metal type and composite type fire doors.

Consult with the Local Authority Having Jurisdiction (AHJ) to determine appropriate standards. Louver frame will be labeled with Listing mark.

STOCK ITEM— SEVERAL SIZES OF 1900A IN STOCK FOR NEXT DAY SHIPMENT FROM MANY OF OUR WAREHOUSES

 	Distributor:	Width: _____ x Height: _____
	Architect:	Quantity:
	Contractor:	Model:
	Project:	Date: _____ Version: ALPDS1612

800-554-6077

QUOTES@ACTIVARCPG.COM

ORDERS@ACTIVARCPG.COM

SALES@ACTIVARCPG.COM

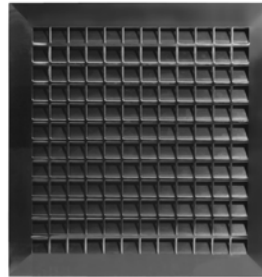
Fax: 952-835-2218

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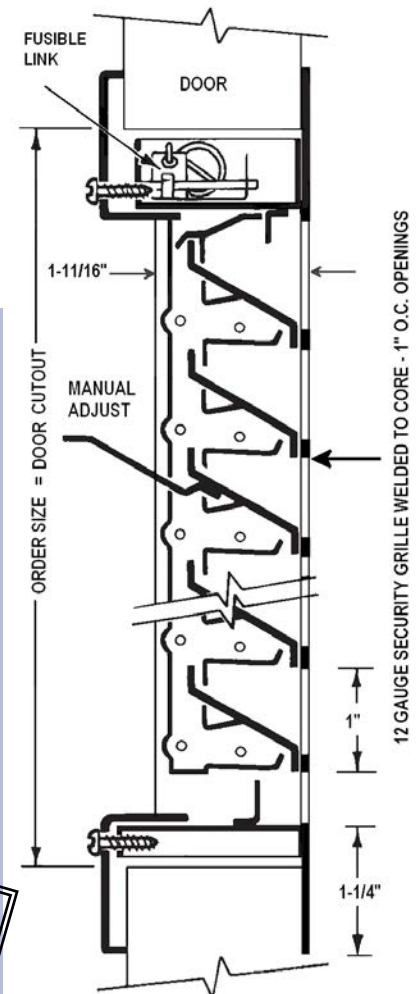
FIRE-RATED 1900 LOUVER WITH SECURITY GRILLE: 1900ASG™ REVA L15

Door Louver with Fusible Link is Listed by UL and WHI and is Ideal for Use in Fire Doors up to 1-1/2 Hour Rating for Security & Detention Applications. Drilling Holes in the Door for Installation is not Required.



SPECIFICATIONS:

Material:	18 gauge (.048") CRS frame and louver blades. Min size 10" x 6", Max 24" x 24".
Construction:	Louver: Z-blade louvers riveted to operating bar and frame at 1" intervals to welded 1-9/16" deep frame. Mechanical stop 5/8" x 3/8" x 16 ga. (.048") holds blades open. Frame: Mitered and welded corners. 12 (.104") gauge security grille welded to louver core with 13/16" square openings 1" on center; screws fastened through prepared frame into louver core; this mounting method leaves corridor side of frame free of fasteners for aesthetic and security purposes.
Operation:	Adjustable blades of 16 gauge (.059") CRS pivot on cadmium-plated steel rivets. The blades are operated by a manual trigger. A spring-loaded fusible link mechanism is incorporated into the design. Upon melting of the link at 165° F, the action bar is actuated thereby closing and locking all of the blades.
Door:	For 1-3/4" steel or composite doors. Door cutout = order size.
Fasteners:	#8 x 3/4" flathead Phillips head SMS to match finish.
Powder Coat Finishes:	<input type="checkbox"/> (B) Mineral Bronze (standard color) <input type="checkbox"/> (G) Gray <input type="checkbox"/> (BK) Black <input type="checkbox"/> (FBK) Flat Black <input type="checkbox"/> (W) White <input type="checkbox"/> (SB) SC Beige <input type="checkbox"/> (SI) Silver <input type="checkbox"/> (S) Sand <input type="checkbox"/> (AB) AMS Beige <input type="checkbox"/> (R) Red <input type="checkbox"/> (GH) Gray Hammertone Color Samples Online
Free Flow Area:	45% free area.



LISTINGS & RATINGS:



Fire Ratings with UL & WHI Classification Marks
Tested & Listed for UL10C and classified in accordance with UBC7-2-94, ASTM E152, CANULC S104, NFPA 252. Install in accordance with NFPA80.



Model 1900A is Rated for use in fire doors up to 1-1/2 hour rating. Louver size shall not exceed maximum of 576 sq. inches, 24"W and 24" H. The minimum width and height shall not be less than 10" and 6", respectively. Louvers may be provided for classified hollow metal type and composite type fire doors.

Consult with the Local Authority Having Jurisdiction (AHJ) to determine appropriate standards. Louver frame will be labeled with Listing mark.

OPTIONAL FEATURES AT AN ADDITIONAL COST:

Finishes & Materials:	<input type="checkbox"/> (E) Electro Galvanized for corrosion resistance & exterior use.
Fasteners:	<input type="checkbox"/> Torx <input type="checkbox"/> Other: _____
Screen:	<input type="checkbox"/> Insect or Bird Screen in aluminum frame, attached to corridor side.
Custom:	Custom sizes. Contact Customer Service.

Order Format: 1900ASG _____
Example: 1900ASG 1818B Option S,E W H Color

 	Distributor:	Width: _____ x Height: _____
	Architect:	Quantity:
	Contractor:	Model:
	Project:	Date: _____ Version: ALPDS1612
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L16



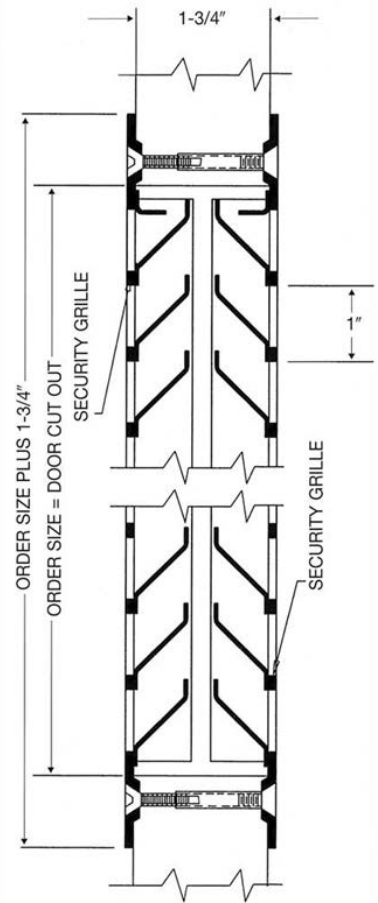
HURRICANE RATED Y-BLADE LOUVER: 1500AHRC™

Inverted "Y" Blades with Security Grille Meets up to 350 ft lb Impact Rating for Severe Windstorm Rating.
Electro-Galvanized Finish Provides Weatherproof Finish for Exterior Applications.



SPECIFICATIONS:

Material:	18 gauge CRS frame and blades; 12 gauge CRS security grille. Minimum size 6" X 6", Maximum size 24" x 64"
Construction:	Louvers: 2 rows of Inverted, split "Y" blades with 1" blade spacing are attached to welded frame with by interlocking construction. Non-vision design. Security Frame: Security grille is welded to on interior and exterior of louver with 13/16" square openings 1" on center. Thru-bolted to door.
Door:	1-3/4". Door cutout = order size.
Fasteners:	#8-32 Phillips head thru-bolts with blank head one side.
Finish:	Standard Electro-Galvanized base with Powder Coat Finish. ____ (B) Mineral Bronze (standard color) ____ (G) Gray ____ (BK) Black ____ (FBK) Flat Black ____ (W) White ____ (SB) SC Beige ____ (SI) Silver ____ (S) Sand ____ (AB) AMS Beige ____ (R) Red ____ (GH) Gray Hammertone Color Samples Online
Free Flow Area:	40% free area.



OPTIONAL FEATURES AT AN ADDITIONAL COST:

Fasteners:	____ Torx ____ Other: _____
Screen:	____ 18 -14 mesh insect screen installed in roll formed aluminum frame ____ Aluminum ____ bronze ____ fiberglass ____ stainless ____ Bird Screen
Custom:	Custom sizes, other door thickness, other options; Contact Customer Service.

LISTINGS & RATINGS:



1500AHRC Listed Severe Windstorm Approved Louver

Tested in Accordance with:
ASTM E330, ASTM E1996, ANSI A250.13
TAS 203, 201, 202, ASTM E 1886
Impact (ft lb) 350
DP Rating (PSF) 60
Florida Building Code Approval File # FL13341

Order Format: **1500AHRC**
Example: 1500AHRC 2464B **Option S** **W** **H** **Color**

STOCK ITEM
FROM FL WAREHOUSE—
FOR NEXT DAY SHIPMENT

 	Distributor:	Width: ____ x Height: ____
	Architect:	Quantity:
	Contractor:	Model:
	Project:	Date: Version: ALPDS1612

800-554-6077

QUOTES@ACTIVARCPG.COM

ORDERS@ACTIVARCPG.COM

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Fax: 952-835-2218

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