

# Louvers, Screens & Grilles

June 2014



Right to site.

# 10

## Complementary Building Products

Nystrom is a global supplier of miscellaneous and specialty construction products.

We partner with our customers to simplify specifying and procurement, minimizing cost and time in the construction project workflow. Our representatives take responsibility for guiding you through the process from beginning to end.

Nystrom is committed to delivering you the right products at the right time. *Right to site.*

### Stair Treads & Nosings

05 51 00



### Roof Hatches

07 72 33



### Smoke Vents

07 72 36



### Expansion Joint Systems

07 95 13



### Access Doors

08 31 00



### Floor Doors

08 31 00



### Louvers

08 91 00



### Wall & Door Protection

10 26 00



### Fire Safety

10 44 13



### Entrance Flooring Systems

12 48 13





Right to site.

*A full line of Louvers.  
Right to site.*

First Lutheran Church





Nystrom offers a complete line of Airline Louvers for your specific building requirements. Airline louvers are designed for the following application standards: hurricane, wind-driven rain, drainable, weather, acoustical, brick and thin-line. Contact our expert sales department for guidance in selecting louvers on your next project.

## Drainable Louvers

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- Hurricane Louvers
- Standard Drainable Louvers
- Wind Driven Rain Louvers



## Non-Drainable Louvers

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- Storm Louvers
- Weather Louvers



## Sound Control Louvers

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## Sight Control Louvers & Screens

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- Equipment Screens
- Sight-Proof Louvers



## Brick Vents

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- Brick Vents



## Architectural Grilles

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- Thin-Line & PTAC
- FEMA & Impact Resistant



## Specialty Louvers

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- Sand Louvers
- Operable & Combination
- Penthouse Louvers
- Dampers



## Options

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- Custom Shapes
- Extended Sills & Pans
- Screens
- Mullions
- Flange Frames
- Material
- Blank Off Panels
- Color options

*Learn about the many options and accessories we offer for you to customize your louvers, including custom shapes, screens, colors and more.*



Nystrom's Hurricane Airline Louvers protect the building envelope from wind, debris and rain infiltration. Designed for a much higher windload, these louvers meet the stringent criteria established by Miami-Dade and the Florida Building code.

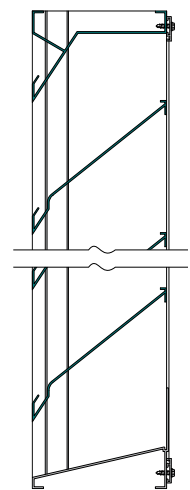


LSA6D38DC

The Dade-County (DC) model hurricane louvers have passed TAS-201 Large Missile Impact Test, TAS-202 Uniform Static Pressure Test, and TAS-203 Cyclic Wind Pressure Load Test. All models are designed to be used when your building is located in a potential tornado, strong wind, or hurricane zone.

**MATERIAL:** Aluminum  
**BLADE DEPTH:** 6"  
**BLADE ANGLE:** 38°  
**FINISH:** Kynar 500, Baked Enamel, Mill or Anodized  
**FRAME:** Channel or Dade Flange  
**OPTIONS:** Bird/Insect Screen, Custom Shape, Extended Sill, Sill Pan, Filter Racks and Security Bars

Model	Blade Thickness	Frame Thickness	Blade Spacing	Blade Depth	Blade Angle	Free Area %	Water Penetration	Tested Wind Speed +/-
LSA5CDD-DC	0.063"	0.81"	2"	5"	Chevron	44%	1250+	50 PSF
LSA6D38DC	0.081"	0.081"	5.91"	6"	38°	57%	1023	148 PSF
LSA6D38FL	0.081"	0.081"	5.91"	6"	38°	57%	1023	50 PSF



◁ FRONT

*Additional FEMA, Impact Resistant and Dade County Approved ThinLine Grilles available on pages 14-15.*

**SERIES**  
**L S**

**MATERIAL**  
**A**

**DEPTH**  
**6**

**TYPE**  
**D**

**ANGLE**  
**38**

**RATING**  
**DC DADE COUNTY**  
**FL FLORIDA APPROVED**

**SERIES**  
**S STATIONARY**

**MATERIAL**  
**A ALUMINUM**

**BLADE DEPTH**  
**6 6"**

**BLADE TYPE**  
**D DRAINABLE**

**BLADE ANGLE**  
**38°**

# Wind Driven Rain Louvers

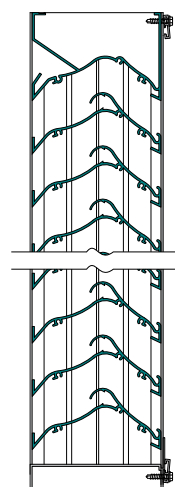
Protect your sensitive equipment and keep water out with our full line of Nystrom's Wind Driven Rain Airline Louvers. These louvers have added protection needed to keep the elements outside and withstand severe weather conditions.

The louver profiles are built to stop excessive water penetration thus preventing harm to your building. The sightproof chevron style blade makes this an exceptional choice for areas where sight restriction and security are a concern.

- MATERIAL:** Aluminum
- BLADE DEPTH:** 2, 4", 5, 7", or 8"
- BLADE ANGLE:** Chevron
- FINISH:** Kynar 500, Baked Enamel, Mill or Anodized
- FRAME:** Channel, Flange, Glazing or Hinged with subframe
- OPTIONS:** Bird/Insect Screen, \*Semi-Recessed Mullion, Custom Shape, Extended Sill, Sill Pan, Filter Rack and Security Bars



LSA5CDD



◁ FRONT

Model	Blade Thickness	Frame Thickness	Blade Spacing	Blade Depth	Blade Angle	Free Area %	Water Penetration	Tested Wind Speed +/-	AMCA Certified
LSA2CDD	0.45"	0.60"	0.813"	2"	Chevron	43%	680	50 mph	No
LSA4CDD	0.63"	0.81"	1.625"	4"	Chevron	40%	1250+	50 mph	Yes
LSA5CDDL	0.63"	0.81"	2" / 50"	5"	Chevron	44%	1250+	50 mph	Yes
LSA7CDD	0.81"	0.81"	4.74" / 2.37"	7"	Chevron	49%	N/A	29 mph	Yes
LSA8CDD	0.60"	0.81"	2.75" / 50"	8"	Chevron	46%	N/A	29 mph	No

\*Semi-recessed mullion available on LSA7CDD only.

L	SERIES <b>S</b>	MATERIAL <b>A</b>	DEPTH <b></b>	TYPE <b>CDD</b>
	SERIES <b>S STATIONARY</b>	MATERIAL <b>A ALUMINUM</b>	BLADE DEPTH 2 2" 7 7" 4 4" 8 8" 5 5"	BLADE TYPE <b>CDD/L WIND DRIVEN RAIN</b>

Drainable Airline Louvers feature an edge gutter and downspout in each blade specially constructed for water disposal. Falling water is drained into the jambs removing cascading water droplets from the air stream. Drainable blades are highly recommended for use in applications where both water penetration and air performance are critical.

Drainable blade louvers allow very low water penetration with extremely high free area and have excellent rigidity which helps to minimize wind deflection. These features, coupled with the louver's unique blade design, provide the industry's top draining performance.



LSA4D45

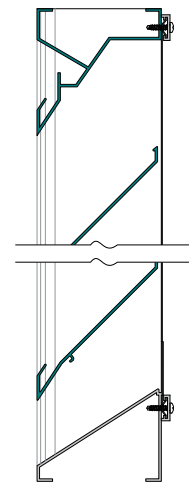
- MATERIAL:** Aluminum or Galvanized Steel  
**BLADE DEPTH:** 2", 4", or 6"  
**BLADE ANGLE:** 35°, 38°, 42°, or 45°  
**FINISH:** Kynar 500, Baked Enamel, Mill or Anodized  
**FRAME:** Channel, Flange, Glazing, Hinged with subframe  
**OPTIONS:** Bird/Inset Screen, \*Semi-Recessed Mullions, Custom Shape, Extended Sill, Sill Pan, Filter Rack and Security Bars

## Aluminum

Model	Blade Thickness	Frame Thickness	Blade Spacing	Blade Depth	Blade Angle	Free Area %	Water Penetration	AMCA Certified
LSA2D45	0.62"	0.62"	3.19"	2"	45°	38%	1197 fpm	Yes
LSA4D38	0.81"	0.81"	5.09"	4"	38°	54%	873 fpm	Yes
LSA4D45	0.81"	0.81"	4"	4"	45°	54%	1075 fpm	Yes
LSA4DD45	0.81"	0.81"	5.09"	4"	45°	44%	974 fpm	No
LSA6D38	0.81"	0.81"	5.91"	6"	38°	57%	1023 fpm	Yes
LSA6DD42	0.81"	0.81"	5"	6"	42°	51%	852 fpm	Yes
LSA6DD45	0.10"	0.12"	6"	6"	45°	44%	1080 fpm	No
LSA6D35S	0.81"	0.125"	4"	6"	35°	62%	1250 fpm	No

## Galvanized Steel

Model	Blade Thickness	Frame Thickness	Blade Spacing	Blade Depth	Blade Angle	Free Area %	Water Penetration	AMCA Certified
LSG4D38	18 GA	16 GA	3.5"	4"	38°	52%	961 fpm	Yes
LSG6D38	18 GA	16 GA	4.75"	6"	38°	54%	896 fpm	Yes



◁ FRONT

\*Semi-recessed mullion available on LSA6DD42 only.

**SERIES**

**S**

**MATERIAL**

**A ALUMINUM**  
**G GALVANIZE STEEL**

**DEPTH**

**2 2" 6 6"**  
**4 4"**

**TYPE**

**D DRAINABLE**  
**DD DOUBLE DRAINABLE**

**ANGLE**

**38° 45°**  
**42°**

**SERIES**  
S STATIONARY

**MATERIAL**  
A ALUMINUM  
G GALVANIZE STEEL

**BLADE DEPTH**  
2 2" 6 6"  
4 4"

**BLADE TYPE**  
D DRAINABLE  
DD DOUBLE DRAINABLE

**BLADE ANGLE**  
38° 45°  
42°

# Storm Louvers

Storm Airline Louvers feature specially constructed blades with a center weather baffle for optimum protection. Storm resistant louvers are generally used where water penetration and air performance are required but not critical. Storm Blade Louvers have excellent rigidity which helps to minimize wind deflection.



LSA4S45

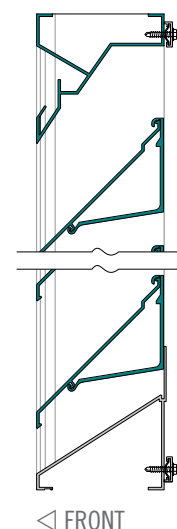
- MATERIAL:** Aluminum
- BLADE DEPTH:** 2", 4", or 6"
- BLADE ANGLE:** 38° or 45°
- FINISH:** Kynar 500, Baked Enamel, Mill or Anodized
- FRAME:** Angle, Channel, Flange, Glazing or Hinged with subframe
- OPTIONS:** Bird/Inset Screen, Mitered Corners, Concealed Mullions, Custom Shape, Extended Sill, Sill Pan, Filter Rack and Security Bars

## Aluminum

Model	Blade Thickness	Frame Thickness	Blade Spacing	Blade Depth	Blade Angle	Free Area %	Water Penetration	AMCA Certified
LSA2S45	0.62"	0.62"	3.188"	2"	45°	41%	N/A	No
LSA4S38	0.81"	0.81"	4.75"	4"	38°	52%	696 fpm	Yes
LSA4S45	0.81"	0.81"	4.75"	4"	45°	53%	871 fpm	Yes
LSA6S45	0.125"	0.125"	5.91"	6"	45°	48%	680 fpm	No

## Galvanized Steel

Model	Blade Thickness	Frame Thickness	Blade Spacing	Blade Depth	Blade Angle	Free Area %	Water Penetration	AMCA Certified
LSG4S45	18 GA	16 GA	5"	4"	45°	45%	725 fpm	Yes
LSG6S45	20 GA	20 GA	6.6875"	6"	45°	42%	668 fpm	No



◁ FRONT

**L**

**S**

**SERIES**

**S**

**MATERIAL**

**A**

**DEPTH**

**4**

**TYPE**

**S**

**ANGLE**

**38°**

**SERIES**

**S STATIONARY**

**MATERIAL**

**A ALUMINUM**  
**G GALVANIZE STEEL**

**BLADE DEPTH**

**4 4"**  
**6 6"**

**BLADE TYPE**

**S STORM**  
**CDD/L WIND DRIVEN RAIN**  
**YSP SIGHT PROOF**

**BLADE ANGLE**

**38° 45°**

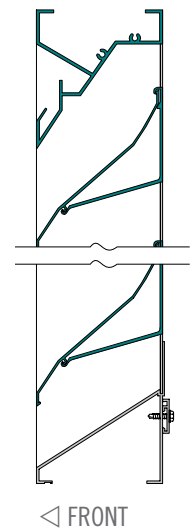


Weather Resistant Airline Louvers are manufactured with a clean attractive design that provides all-weather protection. The continuous blade presents uninterrupted horizontal lines enhancing your architectural design. Weather resistant blades are economical and recommended in applications where water penetration and air performance are not critical.



LSA4W38

- MATERIAL:** Aluminum
- BLADE DEPTH:** 1.5", 4", or 6"
- BLADE ANGLE:** 30°, 38°, 45° or 62°
- FINISH:** Kynar 500, Baked Enamel, Mill or Anodized
- FRAME:** Angel, Channel, Flange, Glazing or Hinged with subframe
- OPTIONS:** Bird/Inset Screen, Mitered Corners, Concealed Mullions, Custom Shape, Extended Sill and Sill Pan



◁ FRONT

Model	Blade Thickness	Frame Thickness	Blade Spacing	Blade Depth	Blade Angle	Free Area %	Water Penetration	Sight Proof	AMCA Certified
LSA150W30	0.62"	0.62"	1.5"	1.5"	30°	49%	N/A	No	No
LSA150W45	0.62"	0.62"	1.5"	1.5"	45°	43%	N/A	No	No
LSA4W38	0.81"	0.81"	5.09"	4"	38°	54%	803 fpm	No	Yes
LSA6W38	0.81"	0.81"	6"	6"	38°	55%	1010 fpm	No	Yes

**L**

**S**

**A**

**W**

**150**

**4**

**1.5"**

**4"**

**6**

**6"**

**W**

**WEATHER**

**30°**

**38°**

**45°**

**62°**

# Acoustical Louvers

Acoustically insulated Airline Louvers keep the necessary sound in while preventing unwanted noise from getting out. Acoustical louvers allow the flow of air while preventing noise pollution.



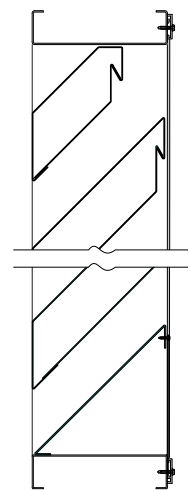
**MATERIAL:** Aluminum  
**BLADE DEPTH:** 4", 6", 8" or 12"  
**BLADE ANGLE:** 45°  
**FINISH:** Kynar 500, Baked Enamel, Mill or Anodized finish  
**FRAME:** Channel  
**OPTIONS:** Bird/Inset Screen, Concealed Mullions, Extended Sill and Sill Pan



6ACC

Octave Band Frequency (Hz)	Free Field Noise Reduction (db)
1/63	10
2/125	11
3/250	9
4/500	13
5/1000	19
6/2000	20
7/4000	19
8/8000	18

Model	Blade Thickness	Frame Thickness	Blade Depth	Blade Angle	Free Area %	Water Penetration	AMCA Certified
4ACC	0.08"	0.10"	4"	45°	29%	703 fpm	Yes
6ACC	0.08"	0.10"	6"	45°	30%	872 fpm	Yes
6ACC125	0.081"	0.125"	6"	45°	30%	1019 fpm	Yes
8ACC	0.08"	0.10"	8"	45°	26%	838 fpm	Yes
12ACC	0.80"	0.10"	12"	45°	22%	1054 fpm	Yes



◁ FRONT

**DEPTH**

**TYPE**  
**ACC**

**BLADE DEPTH**  

4	4"	8	8"
6	6"	12	12"

**BLADE TYPE**  

ACC	ACCOUSTICAL
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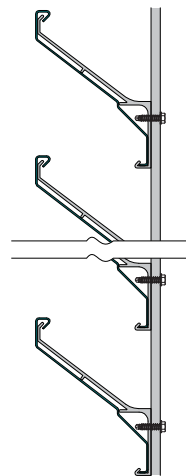
Airline Equipment Screens are great for public areas where privacy and/or security are desired. Available in both horizontal and vertical applications, these models inhibit vision of unsightly equipment while also serving as a protective barrier.

**MATERIAL:** Aluminum  
**BLADE DEPTH:** 4"  
**FINISH:** Kynar 500, Baked Enamel, Mill or Anodized finish  
**OPTIONS:** Horizontal or Vertical Blades, Hinged Louvered Personnel Door, Concealed Mullions and Mitered Corners



ESA4S45-IN

Model	Blade Orientation	Blade Thickness	Blade Spacing	Blade Width	Blade Depth	Blade Angle
ESA4VSP	Horizontal	0.81"	3-3/8" / 4-3/8"	N/A	4"	"V"
ESA4YSP	Horizontal	0.81"	3-3/8" / 4-3/8"	N/A	4"	"Y"
ESA4VSPV	Vertical	0.08"	3-3/8" / 4-3/8"	N/A	3-15/16"	"V"
ESA4YSPV	Vertical	0.08"	3-3/8" / 4-3/8"	N/A	5-3/8"	"Y"
ESA175	Vertical	0.06"	2" / 5"	3"	1-3/4"	0°
ESA250	Vertical	0.25"	5" / 6.5"	7"	2-1/2"	0°
ESA4S45-IN	Horizontal	0.81"	5"	N/A	4"	45°
ESA4W38-IN	Horizontal	0.81"	5.094"	N/A	4"	38°



◁ FRONT

<b>E</b>	<b>SERIES</b> <b>S</b>	<b>MATERIAL</b> 	<b>DEPTH</b> 	<b>TYPE</b> 	<b>ANGLE</b> 
	<b>SERIES</b> <b>S STATIONARY</b>	<b>MATERIAL</b> <b>A ALUMINUM</b>	<b>BLADE DEPTH</b> <b>4 4"</b>	<b>BLADE TYPE</b> <b>S STORM WEATHER SIGHT PROOF</b>	<b>BLADE ANGLE</b> <b>38° 45°</b>

# Sight Proof Louvers

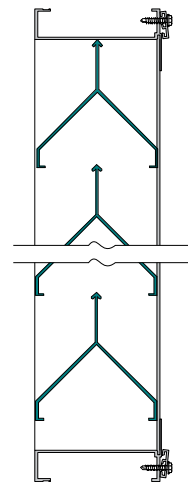
The ideal solution when privacy is concerned. Nystrom's Sight Proof Airline Louvers conceal equipment, prevent vandalism and act as a safety barrier to dangerous areas. These louvers provide outstanding durability, low maintenance and are corrosion resistant.

**MATERIAL:** Aluminum  
**BLADE DEPTH:** 2", 4" or 6"  
**ORIENTATION:** Horizontal or Vertical  
**BLADE ANGLE:** 45°, 60°, 62° or 90°  
**FINISH:** Kynar 500, Baked Enamel, Mill or Anodized finish  
**FRAME:** Angle, Flange, Glazing or Hinged with subframe  
**OPTIONS:** Bird/Insect Screens, Extended Sill, Security Bars and Filter Racks



LSA4VSP

Model	Blade Orientation	Blade Thickness	Frame Thickness	Blade Spacing	Blade Depth	Blade Angle	Free Area %
LSA4VSP	Horizontal	0.81"	0.81"	4"	4"	62°	35%
LSA4YSP	Horizontal	0.81"	0.81"	4"	4"	45°	33%
LSA4VSP-V	Vertical	0.81"	0.81"	4"	4"	62°	35%
LSA4YSP-V	Vertical	0.81"	0.81"	4"	4"	45°	33%
LSA2VSP	Horizontal	0.06"	0.06"	2"	4"	60°	28%



◁ FRONT

<b>SERIES</b>	<b>MATERIAL</b>	<b>DEPTH</b>	<b>TYPE</b>	<b>ANGLE</b>
<b>SERIES</b> ES EQUIPMENT LS STATIONARY	<b>MATERIAL</b> A ALUMINUM G GALVANIZE STEEL	<b>BLADE DEPTH</b> 2 2" 6 6" 4 4"	<b>BLADE TYPE</b> S STORM W WEATHER V VERTICAL VS VERTICAL SAND	<b>BLADE ANGLE</b>



# Brick Vent Louvers

Brick Vent Airline Louvers are an economical option for ventilation in crawl spaces, foundations and corridors. They can be used in new and existing structures where a conventional louver would not be used. Brick vents are constructed of .125 extruded aluminum with a standard clear anodized finish. Nystrom can provide ducts and/or dampers along with brick vents.

**MATERIAL:** Aluminum  
**BLADE DEPTH:** 1.3125" or 4"  
**BLADE ANGLE:** 48°  
**FINISH:** Kynar 500, Baked Enamel, Mill or Anodized finish  
**FRAME:** Flange or Box  
**OPTIONS:** Insect Screen, Ducts and/or Dampers

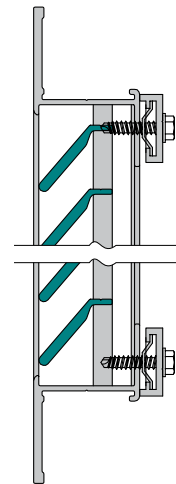


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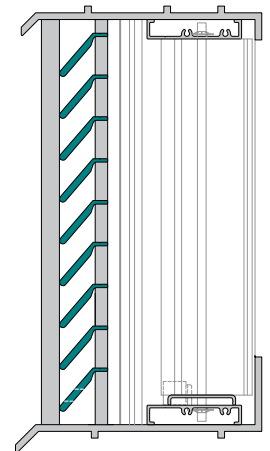


EX

Model	Nominal Size Width	Height	Free Area %
825	8-1/8"	2-3/8"	21.98%
847	8-1/8"	4-3/4"	30.32%
808	8-1/8"	7-3/4"	31.59%
123	12"	2-3/8"	22.23%
125	12"	4-3/4"	30.32%
128	12"	7-3/4"	31.59%
1212	12"	11-3/4"	31.66%
157	15-5/8"	7-3/4"	31.27%
1516	15-5/8"	15-3/4"	31.6%
162	16-1/2"	2-3/8"	22.05%
164	16-1/2"	4-3/4"	36.01%
168	16-1/2"	7-3/4"	31.53%
1616	16-1/2"	15-3/4"	31.86%
242	24"	2-3/8"	22.23%
244	24"	4-3/4"	34.23%
248	24"	7-3/4"	31.59%
3208	32"	7-3/4"	31.53%
4808	48"	7-3/4"	-



◁ FRONT



◁ FRONT

*Model EX:* nominal height does NOT include 1/4" mortar ribs

*Model FL:* nominal height does NOT include 1" front flange on four sides and ADD 1/4" to nominal width for mechanical fastener heads

MODEL	SERIES	MATERIAL	DEPTH	ANGLE
SERIES		MATERIAL	BLADE DEPTH	BLADE ANGLE
FL BRICK VENT FLANGE EX BRICK VENT BOX		A ALUMINUM	131 1-5/16" 4 4"	48°

# Thin-Line Louver Vents & Grilles

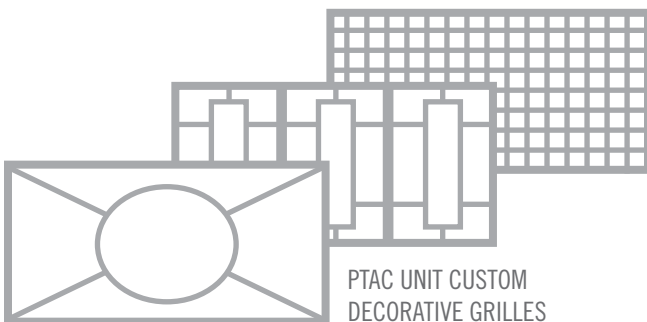
Nystrom's Thin-Line Airline Louver vents are commonly used with packaged terminal air conditioners (P.T.A.C.) or for decorative architectural applications. These louvers provide high free area with limited weather protection.



LSA30

Thin-line louvers are available in a variety of colors, finishes, and frame options. Airline louvers are fabricated from extruded aluminum for durability and easy handling and can be designed in a variety of configurations.

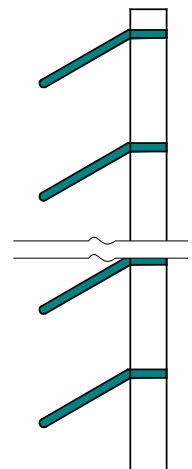
- MATERIAL:** Aluminum
- BLADE DEPTH:** 1.125"
- BLADE ANGLE:** 30°, 42° or 45°
- FINISH:** Kynar 500, Baked Enamel, Mill or Anodized finish
- PERIMETER FRAME:** Channel, Flange, Glazing or Frameless
- OPTIONS:** Decorative grille (medallion), Dade-County approved and bird/inset screen\*



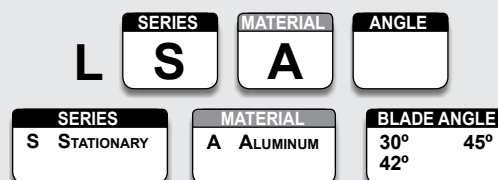
PTAC UNIT CUSTOM  
DECORATIVE GRILLES

Model	Blade Thickness	Frame Thickness	Blade Spacing	Blade Depth	Blade Angle	Free Area %	Dade County Approved
LSA-30	0.62"	0.62"	0.775"	1.125"	30°	60%	No
LSA-42	0.62"	0.62"	0.775"	1.125"	42°	50%	No
LSA-45	0.62"	0.62"	0.775"	1.125"	45°	45%	No
AEL-42	0.125"	0.125"	0.775"	1.125"	42°	-	Yes

\*Screens available for grilles not used with PTAC units.



◁ FRONT

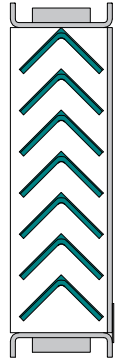


# FEMA & Impact Resistant Grilles

Nystrom's Impact resistant grille is designed to withstand 266 psf and has two mounting options:

1. Externally in combination with a wall louver
2. Internally, stand alone

MATERIAL: Aluminum  
FINISH: Kynar 500, Mill  
OPTIONS: Bird Screen



◁ FRONT

Model	Blade Thickness	Frame Thickness	Blade Spacing	Blade Depth	Blade Angle	Free Area %
XP500	0.25"	0.25"	3"	3"	Chevron	53%
LSG8FHD	0.25"	0.25"	3"	3"	Chevron	53%

*Complies with FEMA 361 Design and Construction for Community Shelters, Zone IV criteria, 250 mph wind, 15 lb. 2x4 impact at 100 mph.*

## Sand Louvers

MATERIAL: Steel  
BLADE DEPTH: 4"  
ORIENTATION: Vertical  
FINISH: Mill  
FRAME: Channel  
OPTIONS: Kynar or Baked Enamel, Filter Racks and bird/insect screens



Model	Blade Orientation	Blade Thickness	Frame Thickness	Blade Depth	Free Area %	Sight Proof	Sand Efficiency
LSS4VSL	Vertical	18 GA	18 GA	4"	25%	Yes	90%

*Also available in aluminum.*

## Penthouse Louvers

MATERIAL: Aluminum  
FINISH: Kynar 500, Baked Enamel, Mill or Anodized  
OPTIONS: Bird/Insect Screen, Mitered or Boxed Corner



*Call 800.547.2635 for more information.*

# Operable and Combination Louvers

Nystrom offers Operable and Combination style louvers including gravity backdraft and motorized with HVAC units.



**MATERIAL:** Aluminum  
**BLADE DEPTH:** 4", or 6"  
**BLADE ANGLE:** 38° or 45°  
**FINISH:** Kynar 500, Baked Enamel, Mill or Anodized  
**OPERATION:** Hand Leaver, Hand Crank, Chain Pull, Electric, or Pneumatic  
**FRAME:** Channel or Flange  
**OPTIONS:** Bird/Inset Screen, Extended Sill and Security Bars



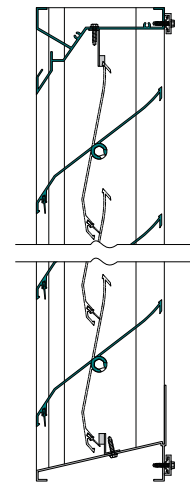
LAA6D38

## Operable Louvers

Model	Blade Thickness	Frame Thickness	Blade Depth	Blade Angle	Free Area %	AMCA Certified
LAA4D45	0.81"	0.081"	4"	45°	36%	No
LAA4S45	0.81"	0.081"	4"	45°	37%	No
LAA6D38	0.81"	0.081"	6"	38°	54%	No
LAA6S38	0.081"	0.081"	6"	38°	54%	No
LAA6S45	0.081"	0.081"	6"	45°	57%	No

## Combination Louvers

Model	Blade Thickness	Frame Thickness	Blade Depth	Blade Angle	Free Area %	AMCA Certified
LCA4D45	0.061"	0.081"	4"	45°	39%	Yes
LCA6D38X	0.081"	0.125"	6"	38°	47%	Yes
LSA4SEGD	0.05"	0.081"	4"	45°	40%	No
LSA4SIGD	0.081"	0.081"	4"	45°	40%	No



◁ FRONT

**SERIES**

**L**

**MATERIAL**

**A**

**DEPTH**

**2 2" 6 6"**

**TYPE**

**D**

**ANGLE**

**38° 45°**

**SERIES**

**A** ADJUSTABLE  
**C** COMBINATION

**MATERIAL**

**A** ALUMINUM

**BLADE DEPTH**

**2 2" 6 6"**  
**4 4"**

**BLADE TYPE**

**D** DRAINABLE  
**S** STORM

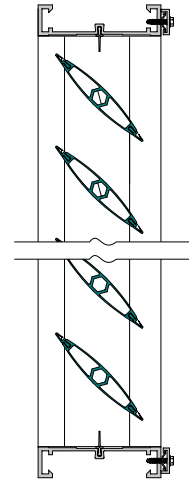
**BLADE ANGLE**

**38° 45°**

**OPTIONS**



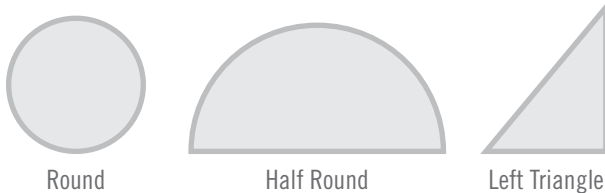
**MATERIAL:** Aluminum  
**BLADE DEPTH:** 2", 4" or 5"  
**FINISH:** Kynar 500, Baked Enamel, Mill or Anodized  
**OPERATION:** Electric or Pneumatic Actuator  
**FRAME:** Channel or Flange  
**OPTIONS:** Bird/Insect Screen and Extended Sills



◁ FRONT

Model	Type	Blade Thickness	Frame Thickness	Blade Depth
BDD2E	Backdraft	0.05"	0.09"	2"
BDD4CBG	Backdraft	0.07"	0.081"	4"
LAA44VCD	Control	0.081"	0.125"	4"
LAA5VCD	Control	0.081"	0.125"	5"

## Shape Louvers



**MATERIAL:** Aluminum  
**FINISH:** Kynar 500, Baked Enamel, Mill or Anodized  
**FRAME:** Standard or Flange  
**OPTIONS:** Bird/Insect Screen

### Round Shapes

Model	Description
RT	Round Top
R	Round
HR	Half Round
LQ	Left Quarter
RQ	Right Quarter

### Triangular Shapes

Model	Description
D	Diamond
LT	Left Triangle
RT	Right Triangle
TT	Triangle Top
LTT	Left Triangle Top
RTT	Right Triangle Top
T	Triangle

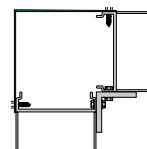
*Call 800.547.2635 for more information.*



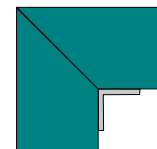
Nystrom certifies that the louvers shown with the following symbol are licensed to bear the AMCA Seal.

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.

## Corner Options

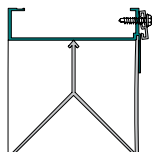


Box Corner

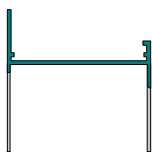


Mitered Corner

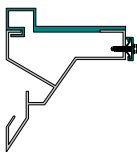
## Frame Options



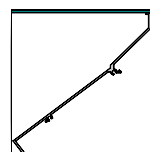
Channel



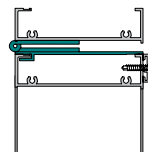
Flange



Glazing



Angled

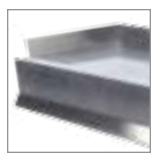


Hinged with  
subframe

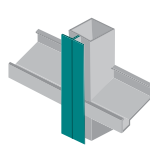
## Sill Options



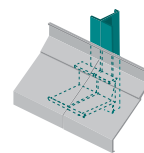
Extended Sill



Sill Pan

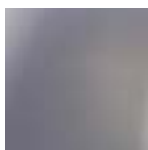


Exposed Mullion



Concealed Mullion

## Blank Off Panels



Non-Insulated  
Panel

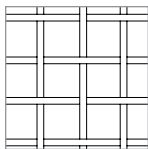


Insulated Panel

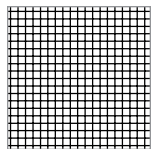
Blank Off Panels are used to restrict air flow and is used in areas where ventilation is not required or for duct work.

Description	Thickness (in.)
Non-Insulated Sheet	.04
Insulated Aluminum Panel	1.0
Insulated Aluminum Panel	2.0

## Screen Options



Bird Screen



Insect Screen

Model	Description	Size (in.)
WAMIC2	Aluminum Bird Screen	0.5
WSSIC2	Stainless Steel Bird Screen	0.5
WIS	Fiberglass Woven Insect Screen	0.011
WSS	Stainless Steel Woven Insect Screen	0.011
WAS	Aluminum Woven Insect Screen	0.011
WAMIC4	Galvanized Hardware Cloth	0.25
WGH2	Galvanized Hardware Cloth	0.5
WBS	Diamond Aluminum Bird Screen	1.0 x 0.313
WBS-1	Diamond Aluminum Bird Screen	1.813 x 0.906

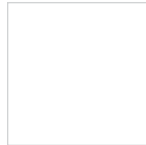


## Kynar 500 Finish

### Airline Superior Finish:

70% PVDF paint finish provide maximum resistance against color fade and chalking. The most durable and long lasting finish in the industry; resistant to most chemicals, acid rain, salt spray and general air pollution. *Optional clear coat.*

Warranty: 20 years



Bone White



Surrey Beige



Taupestone



Sandstone



Brick Red



Colonial Red



Patina Green



Dark Bronze



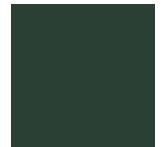
Slate Blue



Royal Blue



Seal Brown



Evergreen



## Baked Enamel Finish

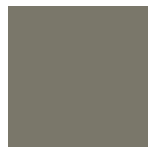
### Airline's High Performance Finish:

50% PVDF finish provides a long color life and resistance to chalking and chemicals. Appropriate coating for today's non-monumental projects

Warranty: 20 years



Lite Bronze  
LB



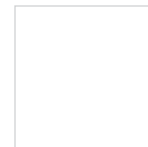
Medium Bronze  
MB



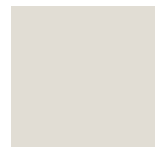
Dark Bronze  
DB



Off White  
EW



Gloss White  
GW



White Stone  
WS



Brick Red 1  
BR1



Brick Red 3  
BR3



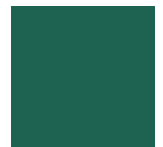
Brick 5  
BR5



Slate Gray  
SLG



Medium Blue  
MBL



Medium Green  
MGN

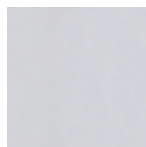


## Anodized Finish

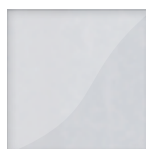
### Electrolytically deposited coating on aluminum:

Color anodize process electrolytically deposits inorganic color pigments to create a corrosion resistant, inert condition finish.

Warranty: 1 year



Mill Finish\*



Clear



Black



Light Bronze



Med. Bronze



Dark Bronze



Med. Gold



Pale Gold



Champagne



# 10

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