

Storm Resistant Louver in 7" thick design Model SLS-07

Design Features – High performance patented horizontal intermediate dual blade design with multiple functions such as: weather protection, vision proof and wind-driven rain resistant design . Test modeled after HEVAC and BSRIA.

STANDARD CONSTRUCTION

ALL MATERIAL – EXTRUDED ALUMINUM 6063-T5 (KB-45)

FRAME

SLS-07 – 7" deep (178), .081" (2.1) wall thickness extruded aluminum in style #3.

BLADES

SLS-07 – 7" deep (178), .070" (1.8) wall thickness extruded aluminum @ 45°

MAXIMUM SIZE

Unlimited, with mullions, structural bracing supplied by others

MAXIMUM FACTORY ASSEMBLY SIZE

120" w x 84 h" or 84" w x 120"h (3048 x 2134) or (2134 x 3048) (Type of finish may limit maximum single section)

MULLION

Invisible

MINIMUM SIZE

12" x 12" (305 x 305)

UNDERSIZED

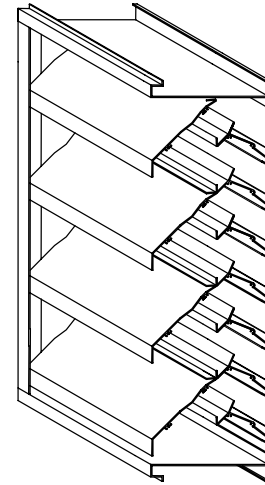
1/4" (6) under ordered size unless specified Exact or Actual

SCREEN

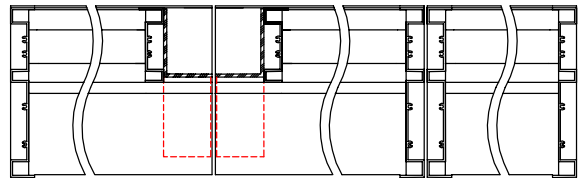
3/4" x .051" (19 x 1.3) flattened expanded aluminum bird screen in extruded aluminum frame.

FINISH

Mill



ISOMETRIC VIEW



Invisible Mullion

Visible Mullion

HORIZONTAL SECTION

OPTIONAL CONSTRUCTION

SCREEN - Many styles available please consult screen listing

FINISH – Air-dry primer, polyurethane, epoxy, or enamel, baked epoxy or enamel, Kynar, or Powder coat.

MULLION – Visible for architectural preference

SPECIAL PURPOSE CONSTRUCTION

Special shapes: Triangle, Round, Trapezoid, etc.

Fully welded construction

Security bars

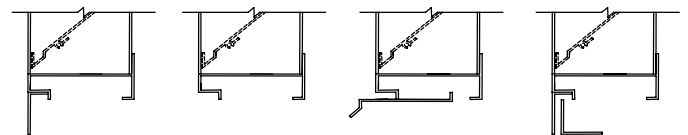
Hinged as walk through door or swing out access

Filter racks

Sleeved for ductwork connection

** Consult SAFE-AIR/DOWCO for additional technical information.

FRAME STYLES



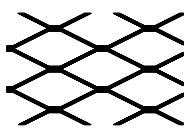
1- Flange (1.5")

3 – Box

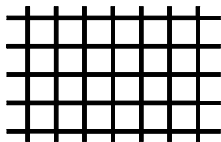
8- Box with Sill Extension

9 - Flange with Sub Frame

TYPICAL SCREEN STYLES



Expanded Aluminum Standard



Wire Mesh

AIR PERFORMANCE	
Free Area: 50% - 48 x 48 unit (1219 x 1219)	
Pressure Drop: 0.25" w.g. @ 1000 fpm (6.35mm wg. @ 5.08 mps)	

WIND DRIVEN RAIN TEST (AMCA 500 L-99)	
Rainfall inch/hour: 3" (76 mm)	
Wind Velocity: 30 mph (48.27 kph)	
Core Velocity: 690 fpm (210.3 m/min)	
Water Flow: 112 gph (424 lph)	
Water Penetration: .56 gph (.212 lph)	
Efficiency: 99.50%	

DATE	ARCHITECT			CUSTOMER
PROJECT				
ITEM	QTY	W	H	DESCRIPTION



DEPENDABLE PRODUCTS SINCE 1955

SAFE-AIR OF ILLINOIS INC.

Engineering and General Offices

1855 South 54th Avenue, Cicero, Illinois 60804

Phone 708-652-9100 FAX 708-652-9158