

Wind Driven Rain Resistant Louver in 4" thick design Model WDL-04

Design Features – High performance patented vertical blade design with multiple functions such as: weather protection, vision proof and wind-driven rain resistant design . Rain Test modeled after Miami-Dade County PA-100(A).

STANDARD CONSTRUCTION

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

FRAME

WDL-04 – 4" deep, .081" wall thickness extruded aluminum in style #3.

BLADES

WDL-04 – 4" deep, .081" wall thickness extruded aluminum and spaced approx. 1-1/4" on center.

MAXIMUM SIZE

Unlimited, with mullions, structural bracing supplied by SAFE-AIR/DOWCO

MAXIMUM FACTORY ASSEMBLY SIZE

48" x 96"

MINIMUM SIZE

12" x 12"

UNDERSIZED

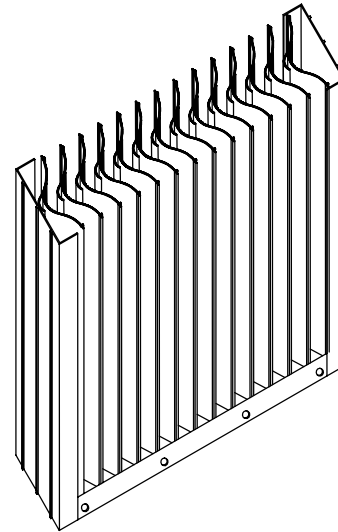
1/4" under ordered size unless specified Exact or Actual

SCREEN

3/4" x .051" flattened expanded aluminum birdscreen in extruded aluminum frame.

FINISH

Mill



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 – Invisible for architectural preference

SPECIAL PURPOSE CONSTRUCTION

Special shapes: Triangle, Round, Trapezoid, etc.
Combined with Model ECO-06 control damper in common sleeve (under separate submittal sheet)

Fully welded construction

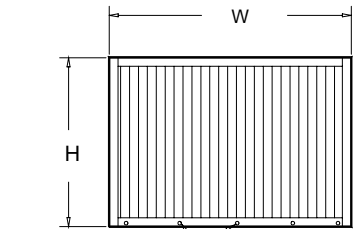
Security bars

Hinged as walk through door or swing out access

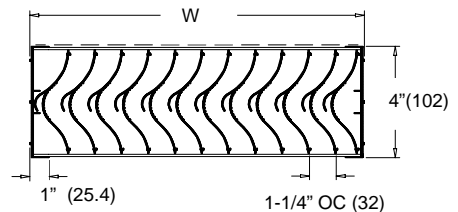
Filter racks

Sleeved for ductwork connection

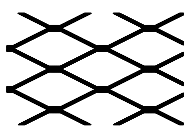
Consult SAFE-AIR/DOWCO for additional technical information.



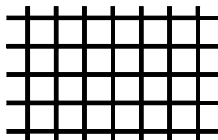
DRAIN HOLES



TYPICAL SCREEN STYLES



Expanded Aluminum Standard



Wire Mesh

PERFORMANCE

Rainfall in/Hr: 8"(203mm)
Wind Velocity: 50mph (80.50 kph)
Efficiency: 99.90 %
Free Area: 47% - 48 x 48 unit (1219 x 1219)
Pressure Drop: 0.085" wg @ 1000 fpm
(2.03mm wg. @ 5.08 mps)

DATE	ARCHITECT			CUSTOMER
PROJECT				
ITEM	QTY	W	H	DESCRIPTION