

Weather Protective Blade Louver in 4" thick frame design Model LEG

Design Features – Traditional design with baffle blade for improved weather protection and architectural pleasing appearance.

STANDARD CONSTRUCTION

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

FRAME

LEG-04" (102) thick, is .081 (2.1) extruded aluminum in style #3.

BLADES

LEG-04" (102) are .081" (2.1) extruded aluminum, apx. spacing is 2 1/2" (64) @ 20°

MAXIMUM SIZE

Unlimited, with mullions, structural bracing supplied by others

MAXIMUM FACTORY ASSEMBLY SIZE

120" w x 96 H" or 96" w x 120" H (3048 x 2438) or (2438 x 3048)

(allows for best handling)

(Type of finish may limit maximum single section)

MULLION

Invisible

MINIMUM SIZE

12" w x 12" H (305 x 305)

UNDERSIZED

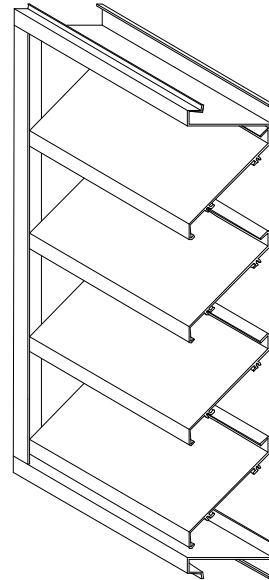
1/4" (6) under ordered size unless specified Exact or Actual

SCREEN

3/4" x .051" (19 x 1.3) flattened expanded aluminum bird screen no frame

FINISH

Mill



OPTIONAL CONSTRUCTION

FRAME – Available in a heavier extrusion of .125" (3.2)

BLADES – Available in a heavier extrusion of .125" (3.2)

SCREEN - Many styles available please consult screen listing

FINISH – Air-dry primer, polyurethane, epoxy, or enamel. Baked epoxy, Anodize or Kynar

MULLION – Visible for architectural preference

SPECIAL PURPOSE CONSTRUCTION

Special Shapes; Triangle, Trapezoid, etc.

Fully welded construction

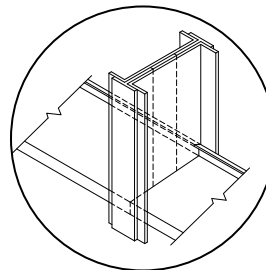
Security bars

Filter racks

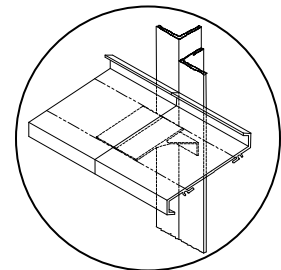
Hinged as walk through door or for swing out access

Sleeved for ductwork connection

MULLION STYLES

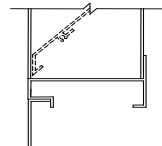


Visible

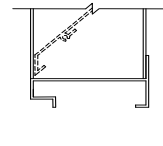


Invisible

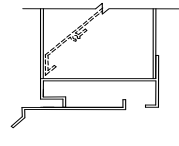
FRAME STYLES



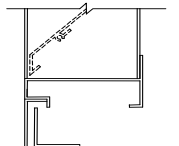
1- Flange (1.5")



3 – Box

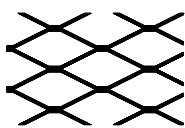


8- Box with Sill Extension

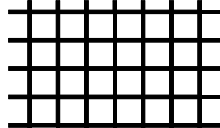


9 - Flange with Sub Frame

TYPICAL SCREEN STYLES



Expanded Aluminum Standard



Wire Mesh

DATE	ARCHITECT			CUSTOMER	
PROJECT					
ITEM	QTY	W	H	DESCRIPTION	



DEPENDABLE PRODUCTS SINCE 1955

SAFE-AIR OF ILLINOIS INC.

Engineering and General Offices

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WIDTH FREE AREA CALCULATIONS IN SQ. FT.

INCHES	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
12	.32	.51	.70	.89	1.08	1.27	1.47	1.66	1.85	2.04	2.23	2.42	2.61	2.80	2.99
18	.56	.90	1.24	1.58	1.92	2.26	2.60	2.94	3.28	3.61	3.95	4.29	4.63	4.97	5.31
24	.81	1.30	1.78	2.27	2.76	3.24	3.73	4.22	4.70	5.19	5.68	6.16	6.65	7.13	7.62
30	1.06	1.69	2.33	2.96	3.59	4.23	4.86	5.50	6.13	6.76	7.40	8.03	8.67	9.30	9.93
36	1.30	2.08	2.87	3.65	4.43	5.21	5.99	6.78	7.56	8.34	9.12	9.90	10.68	11.47	12.25
42	1.55	2.48	3.41	4.34	5.27	6.20	7.13	8.06	8.98	9.91	10.84	11.77	12.70	13.63	14.56
48	1.80	2.87	3.95	5.03	6.10	7.18	8.26	9.33	10.41	11.49	12.57	13.64	14.72	15.80	16.87
54	2.04	3.27	4.49	5.72	6.94	8.16	9.39	10.61	11.84	13.06	14.29	15.51	16.74	17.96	19.19
60	2.29	3.66	5.03	6.40	7.78	9.15	10.52	11.89	13.27	14.64	16.01	17.38	18.76	20.13	21.50
66	2.53	4.05	5.57	7.09	8.61	10.13	11.65	13.17	14.69	16.21	17.73	19.25	20.77	22.29	23.81
72	2.78	4.45	6.11	7.78	9.45	11.12	12.79	14.45	16.12	17.79	19.46	21.12	22.79	24.46	26.13
78	3.03	4.84	6.66	8.47	10.29	12.10	13.92	15.73	17.55	19.36	21.18	22.99	24.81	26.63	28.44
84	3.27	5.23	7.20	9.16	11.12	13.09	15.05	17.01	18.98	20.94	22.90	24.86	26.83	28.79	30.75
90	3.52	5.63	7.74	9.85	11.96	14.07	16.18	18.29	20.40	22.51	24.62	26.74	28.85	30.96	33.07
96	3.76	6.02	8.28	10.54	12.80	15.06	17.31	19.57	21.83	24.09	26.35	28.61	30.86	33.12	35.38

HEIGHT

