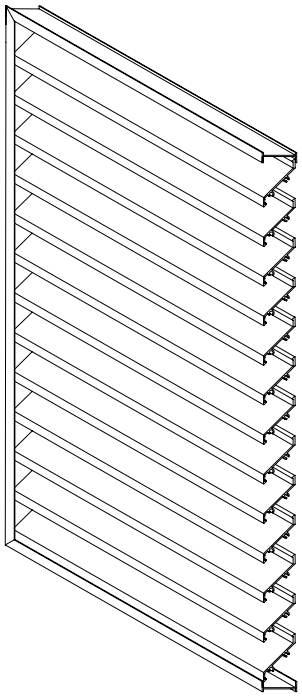
EXTRUDED ALUMINUM LOUVER

Weather Protective Blade Louver in 1-3/8” thick frame design Model LEC-01

Design Features –Multi-purpose narrow profile design.



STANDARD CONSTRUCTION

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

FRAME
1-3/8” deep (35) thick, is .050” (1.3) extruded aluminum in style #3.
BLADES
1-3/8” (35) are .050” (1.3) extruded aluminum, approx. spacing is 1 1/2” (38) @ 45°
MAXIMUM SIZE
Unlimited, with mullions, structural bracing supplied by others
MAXIMUM FACTORY ASSEMBLY SIZE
120” w x 90” H” or 90” w x 120” H (3048 x 2286) or (2286 x 3048) (allows for best handling)
(Type of finish may limit maximum single section)
MULLION
Visible
MINIMUM SIZE
12” w x 6” H (305 x 152)
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

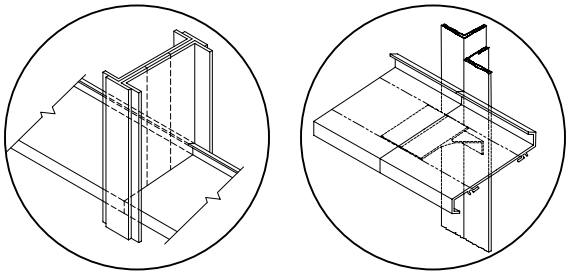
OPTIONAL CONSTRUCTION

SCREEN - Many styles available please consult screen listing
FINISH – Air-dry primer, polyurethane, epoxy, or enamel. Baked epoxy, Anodize or Kynar
MULLION – Invisible for architectural preference

SPECIAL PURPOSE CONSTRUCTION

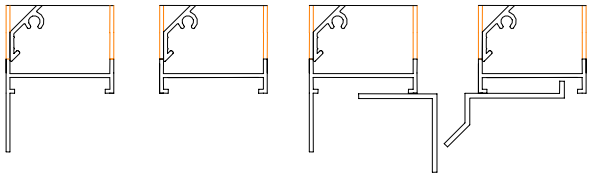
Special Shapes; Round, Triangle, Trapezoid, Octagon, etc.
Fully welded construction
Security bars
Filter racks
Hinged as walk through door or for swing out access
Sleeved for ductwork connection

MULLION STYLES



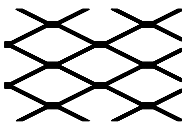
Visible Invisible

FRAME STYLE

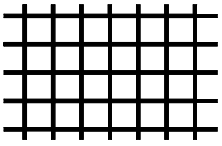


1- Flange (.75”) 3 – Box 4- Telescoping Flange Frame 8 - Box with Sill Extension

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

1855 South 54th Avenue, Cicero, Illinois 60804

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

- English Units

- Metric Units

FREE AREA CALCULATIONS IN SQ. FT.

WIDTH

Inches	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
12	0.37	0.57	0.77	0.97	1.16	1.36	1.56	1.76	1.96	2.16	2.36	2.56	2.75	2.95	3.15
305	0.03	0.05	0.07	0.09	0.11	0.13	0.14	0.16	0.18	0.2	0.22	0.24	0.25	0.27	0.3
18	0.59	0.91	1.23	1.55	1.87	2.19	2.51	2.83	3.14	3.46	3.78	4.1	4.42	4.74	5.06
457	0.05	0.08	0.11	0.14	0.17	0.2	0.23	0.26	0.3	0.32	0.35	0.38	0.41	0.44	0.47
24	0.81	1.25	1.69	2.13	2.57	3.01	3.45	3.89	4.33	4.77	5.21	5.65	6.09	6.53	6.97
610	0.07	0.12	0.16	0.2	0.24	0.28	0.32	0.36	0.4	0.44	0.48	0.52	0.56	0.6	0.65
30	1.04	1.6	2.16	2.72	3.28	3.84	4.4	4.96	5.52	6.08	6.64	7.2	7.75	8.31	8.87
762	0.09	0.15	0.2	0.25	0.3	0.36	0.41	0.46	0.51	0.56	0.62	0.67	0.72	0.77	0.82
36	1.26	1.94	2.62	3.3	3.98	4.66	5.34	6.02	6.7	7.38	8.06	8.74	9.42	10.1	10.78
914	0.12	0.18	0.24	0.31	0.37	0.43	0.5	0.56	0.62	0.68	0.75	0.81	0.9	0.94	1
42	1.48	2.28	3.08	3.88	4.69	5.49	6.29	7.09	7.89	8.69	9.49	10.29	11.09	11.89	12.69
1067	0.14	0.21	0.29	0.36	0.43	0.51	0.58	0.66	0.73	0.81	0.88	0.96	1.03	1.1	1.18
48	1.71	2.63	3.55	4.47	5.39	6.31	7.23	8.15	9.07	9.99	10.91	11.83	12.76	13.68	14.6
1219	0.16	0.24	0.33	0.41	0.5	0.59	0.67	0.76	0.84	0.93	1.01	1.1	1.18	1.27	1.36
54	1.93	2.97	4.01	5.05	6.09	7.13	8.18	9.22	10.26	11.3	12.34	13.38	14.42	15.46	16.5
1372	0.18	0.27	0.37	0.47	0.56	0.66	0.76	0.86	0.95	1.04	1.15	1.24	1.34	1.44	1.53
60	2.15	3.31	4.48	5.64	6.8	7.96	9.12	10.28	11.44	12.6	13.77	14.93	16.09	17.25	18.41
1524	0.2	0.31	0.42	0.52	0.63	0.74	0.85	0.95	1.06	1.17	1.28	1.4	1.5	1.6	1.71
66	2.38	3.66	4.94	6.22	7.5	8.78	10.07	11.35	12.63	13.91	15.19	16.47	17.76	19.04	20.32
1676	0.22	0.34	0.46	0.58	0.7	0.82	0.93	1.05	1.17	1.3	1.41	1.53	1.65	1.77	1.9
72	2.6	4	5.4	6.8	8.21	9.61	11.01	12.41	13.81	15.22	16.62	18.02	19.42	20.82	22.23
1829	0.24	0.37	0.5	0.63	0.76	0.9	1.02	1.15	1.28	1.41	1.54	1.67	1.8	1.93	2.06
78	2.82	4.34	5.87	7.39	8.91	10.43	11.95	13.48	15	16.52	18.04	19.57	21.09	22.61	24.13
1981	0.26	0.4	0.54	0.69	0.83	0.97	1.11	1.25	1.4	1.53	1.67	1.82	1.96	2.1	2.24
84	3.04	4.69	6.33	7.97	9.61	11.26	12.9	14.54	16.19	17.83	19.47	21.11	22.76	24.4	26.04
2134	0.28	0.43	0.59	0.74	0.9	1.05	1.2	1.35	1.5	1.66	1.81	1.96	2.11	2.3	2.42
90	3.27	5.03	6.79	8.56	10.32	12.08	13.84	15.61	17.37	19.13	20.9	22.66	24.42	26.19	27.95
2286	0.3	0.47	0.63	0.8	0.96	1.12	1.28	1.45	1.61	1.78	1.94	2.1	2.27	2.43	2.6
96	3.49	5.37	7.26	9.14	11.02	12.91	14.79	16.67	18.56	20.44	22.32	24.21	26.09	27.97	29.86
2438	0.32	0.5	0.67	0.85	1.02	1.2	1.37	1.55	1.72	1.9	2.07	2.25	2.42	2.6	2.77

HEIGHT