

Architectural Thin Line Louver in 1-1/4" thick frame Model LER-01

Design Features – Thin line louver provides visual screening of exterior equipment openings. Effectively direct high free area velocity.

STANDARD CONSTRUCTION

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

FRAME

.060" (1.5) extruded aluminum in style #3

BLADES

.060" (1.5) extruded aluminum, approx spacing is 3/4" (19) o.c. @ 52°

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

(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

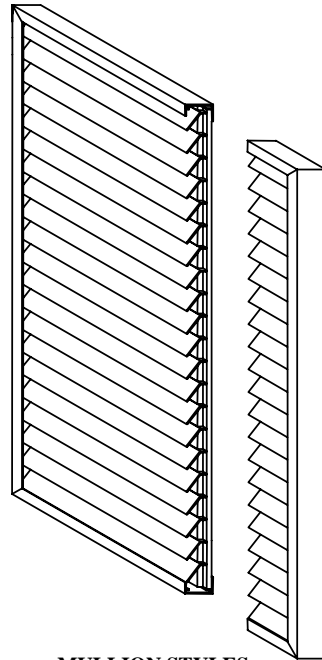
1/4" (6) under ordered size unless specified Exact or Actual

SCREEN

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

FINISH

Mill



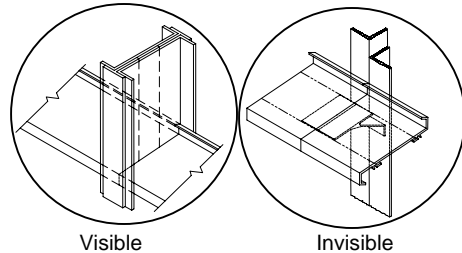
OPTIONAL CONSTRUCTION

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

MULLION STYLES



SPECIAL PURPOSE CONSTRUCTION

Special shapes: Triangle, Round, Trapezoid, etc.

Fully welded construction

Security bars

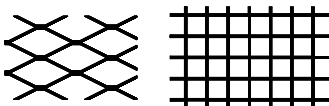
Filter racks

Hinged as walk through door or for swing out for access

Sleeved for ductwork connection

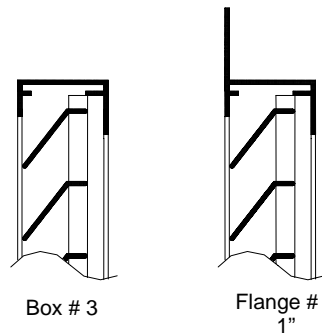
** Consult SAFE-AIR/DOWCO for additional technical information.

TYPICAL SCREEN STYLES



Expanded Aluminum
Standard

Wire Mesh



Box # 3

Flange # 1
1"

FRAME STYLES

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

FREE AREA CALCULATIONS IN SQ. FT.

WIDTH

	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
12	.43	.69	.91	1.17	1.43	1.65	1.91	2.17	2.40	2.66	2.92	3.14	3.40	3.66	3.88	4.14	4.40	4.62	4.88
18	.67	1.08	1.43	1.84	2.25	2.60	3.01	3.41	3.76	4.17	4.58	4.93	5.34	5.75	6.10	6.51	6.92	7.27	7.68
24	.91	1.47	1.95	2.51	3.06	3.54	4.10	4.66	5.13	5.69	6.25	6.72	7.28	7.84	8.32	8.87	9.43	9.91	10.47
30	1.16	1.86	2.47	3.17	3.88	4.48	5.19	5.90	6.50	7.21	7.91	8.52	9.22	9.93	10.53	11.24	11.95	12.55	13.26
36	1.40	2.26	2.99	3.84	4.70	5.43	6.28	7.14	7.87	8.72	9.58	10.31	11.17	12.02	12.75	13.61	14.46	15.19	16.05
42	1.64	2.65	3.51	4.51	5.51	6.37	7.38	8.38	9.24	10.24	11.25	12.10	13.11	14.11	14.97	15.97	16.98	17.84	18.84
48	1.89	3.04	4.03	5.18	6.33	7.32	8.47	9.62	10.61	11.76	12.91	13.90	15.05	16.20	17.19	18.34	19.49	20.48	21.63
54	2.13	3.43	4.55	5.85	7.15	8.26	9.56	10.86	11.98	13.28	14.58	15.69	16.99	18.29	19.41	20.71	22.01	23.12	24.42
60	2.38	3.83	5.07	6.52	7.97	9.20	10.65	12.11	13.34	14.79	16.24	17.48	18.93	20.38	21.62	23.07	24.52	25.76	27.21
66	2.62	4.22	5.58	7.18	8.78	10.15	11.75	13.35	14.71	16.31	17.91	19.28	20.88	22.47	23.84	25.44	27.04	28.40	30.00
72	2.86	4.61	6.10	7.85	9.60	11.09	12.84	14.59	16.08	17.83	19.58	21.07	22.82	24.57	26.06	27.81	29.55	31.05	32.79
78	3.11	5.00	6.62	8.52	10.42	12.04	13.93	15.83	17.45	19.35	21.24	22.86	24.76	26.66	28.28	30.17	32.07	33.69	35.59
84	3.35	5.40	7.14	9.19	11.23	12.98	15.03	17.07	18.82	20.86	22.91	24.66	26.70	28.75	30.49	32.54	34.58	36.33	38.38
90	3.59	5.79	7.66	9.86	12.05	13.92	16.12	18.31	20.19	22.38	24.58	26.45	28.64	30.84	32.71	34.91	37.10	38.97	41.17
96	3.84	6.18	8.18	10.53	12.87	14.87	17.21	19.55	21.55	23.90	26.24	28.24	30.59	32.93	34.93	37.27	39.62	41.62	43.96
102	4.08	6.57	8.70	11.19	13.68	15.81	18.30	20.80	22.92	25.42	27.91	30.04	32.53	35.02	37.15	39.64	42.13	44.26	46.75
108	4.33	6.97	9.22	11.86	14.50	16.76	19.40	22.04	24.29	26.93	29.57	31.83	34.47	37.11	39.36	42.01	44.65	46.90	49.54
114	4.57	7.36	9.74	12.53	15.32	17.70	20.49	23.28	25.66	28.45	31.24	33.62	36.41	39.20	41.58	44.37	47.16	49.54	52.33
120	4.81	7.75	10.26	13.20	16.14	18.65	21.58	24.52	27.03	29.97	32.91	35.42	38.35	41.29	43.80	46.74	49.68	52.19	55.12