

**Adjustable Blade Louver in 4" or 6" thick frame design Model A-LEB**

**Design Features** –Adjustable design variation of our traditional stepped blade configuration. Adjustable feature is useful on systems requiring periodic operation or a means of further deterring outside element penetration, which is made possible when the louver is in the closed position.

**STANDARD CONSTRUCTION**

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

**FRAME**

A-LEB– 04" (102) thick, is .081 (2.1) extruded aluminum in style #3.  
 A-LEB – 06" (152) thick, is .081 (2.1) extruded aluminum in style #3.

**BLADES**

A-LEB – 04" (102) are .081" (2.1) extruded aluminum @ 45°  
 A-LEB – 06" (152) are .081" (2.1) extruded aluminum @ 45°

**BLADE AXLES & BEARINGS**

Axles- 7/16" Plated hex  
 Bearings- Bronze Oilite

**LINKAGE**

Concealed in jamb

**MAXIMUM SIZE**

Unlimited, with mullions, structural bracing supplied by others

**MAXIMUM FACTORY ASSEMBLY SIZE**

60" w x 96" h (1524 x 2438)  
 (Type of finish may limit maximum single section)

**MULLION**

Visible

**MINIMUM SIZE**

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

**UNDERSIZED**

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

**SCREEN**

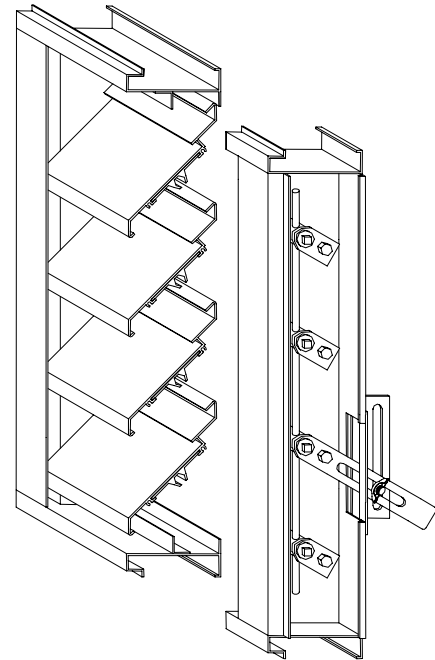
3/4" x .051" (19 x 1.3) flattened expanded aluminum bird screen no frame

**FINISH**

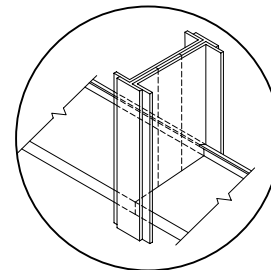
Mill

**OPERATOR**

Standard Manual Operator



**MULLION STYLES**



Visible

**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

**LINKAGE** – Blade mounted

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

**MULLION** – Visible for architectural preference

**OPERATOR** Wingnut

**SPECIAL PURPOSE CONSTRUCTION**

Fully welded construction

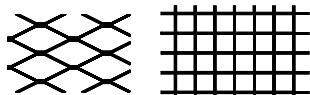
Security bars

Filter racks

Jackshaft when required

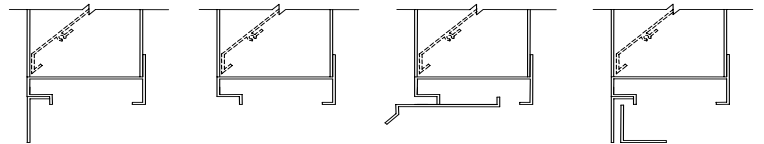
Sleeved for ductwork connection

**TYPICAL SCREEN STYLES**



Expanded Aluminum Standard Wire Mesh

**FRAME STYLE**



1- Flange (1.5") 3 - Box 8- Box with Sill Extension 9 - Flange with Sub Frame

DATE	ARCHITECT			CUSTOMER
PROJECT				
ITEM	QTY	W	H	DESCRIPTION



DEPENDABLE PRODUCTS SINCE 1955

**SAFE-AIR OF ILLINOIS INC.**

Engineering and General Offices

1855 South 54<sup>th</sup> Avenue, Cicero, Illinois 60804

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

All free area calculations made in accordance with AMCA standards.

## FREE AREA CALCULATIONS IN SQ. FT.

### WIDTH

HEIGHT

INCHES	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
<b>12-04</b>	.17	.28	.38	.49	.59	.70	.80	.90	1.00	1.10	1.27	1.32	1.42	1.52	1.63
<b>-06</b>	.20	.32	.45	.57	.70	.82	.94	1.06	1.18	1.30	1.43	1.55	1.68	1.79	1.91
<b>18-04</b>	.36	.58	.80	1.02	1.24	1.46	1.68	1.90	2.11	2.33	2.55	2.77	2.99	3.21	3.43
<b>-06</b>	.40	.65	.89	1.12	1.37	1.61	1.85	2.10	2.33	2.57	2.82	3.06	3.30	3.54	3.78
<b>24-04</b>	.61	.97	1.33	1.70	2.07	2.43	2.79	3.16	3.52	3.89	4.25	4.62	4.98	5.34	5.71
<b>-06</b>	.60	.96	1.32	1.69	2.04	2.40	2.76	3.12	3.49	3.85	4.20	4.56	4.92	5.29	5.65
<b>30-04</b>	.85	1.36	1.87	2.38	2.89	3.40	3.91	4.42	4.93	5.44	5.95	6.46	6.97	7.48	7.99
<b>-06</b>	.80	1.29	1.77	2.25	2.73	3.21	3.70	4.18	4.66	5.14	5.62	6.10	6.59	7.07	7.55
<b>36-04</b>	1.04	1.67	2.29	2.91	3.53	4.15	4.78	5.40	6.03	6.65	7.28	7.90	8.52	9.14	9.77
<b>-06</b>	1.07	1.71	2.35	3.00	3.64	4.29	4.92	5.57	6.21	6.86	7.50	8.14	8.78	9.43	10.07
<b>42-04</b>	1.21	1.94	2.67	3.39	4.12	4.85	5.57	6.30	7.03	7.76	8.49	9.21	9.94	10.67	11.39
<b>-06</b>	1.34	2.14	2.94	3.75	4.55	5.35	6.16	6.96	7.76	8.57	9.37	10.17	10.98	11.78	12.58
<b>48-04</b>	1.40	2.25	3.09	3.93	4.77	5.62	6.46	7.30	8.14	8.98	9.83	10.67	11.51	12.35	13.20
<b>-06</b>	1.61	2.57	3.53	4.50	5.47	6.43	7.39	8.35	9.31	10.29	11.25	12.21	13.17	14.14	15.10
<b>54-04</b>	1.65	2.64	3.62	4.61	5.60	6.59	7.57	8.56	9.55	10.54	11.52	12.51	13.50	14.49	15.48
<b>-06</b>	1.81	2.90	3.98	5.07	6.15	7.24	8.33	9.42	10.50	11.59	12.68	13.76	14.85	15.93	17.02
<b>60-04</b>	1.89	3.02	4.15	5.29	6.42	7.55	8.70	9.83	10.96	12.10	13.23	14.36	15.50	16.63	17.76
<b>-06</b>	2.01	3.22	4.42	5.63	6.83	8.04	9.24	10.45	11.65	12.86	14.07	15.27	16.48	17.68	18.89
<b>66-04</b>	2.08	3.32	4.57	5.82	7.07	8.31	9.56	10.81	12.06	13.30	14.55	15.80	17.04	18.29	19.53
<b>-06</b>	2.21	3.53	4.86	6.18	7.50	8.83	10.15	11.48	12.80	14.12	15.45	16.77	18.10	19.43	20.75
<b>72-04</b>	2.25	3.60	4.95	6.30	7.66	9.01	10.35	11.70	13.06	14.41	15.76	17.11	18.47	19.81	21.16
<b>-06</b>	2.41	3.86	5.30	6.75	8.19	9.64	11.09	12.53	13.98	15.43	16.87	18.31	19.76	21.21	22.66
<b>78-04</b>	2.45	3.90	5.37	6.84	8.30	9.77	11.24	12.70	14.17	15.64	17.10	18.57	20.05	21.50	22.96
<b>-06</b>	2.68	4.29	5.90	7.50	9.10	10.71	12.31	13.92	15.53	17.13	18.74	20.35	21.96	23.66	25.17
<b>84-04</b>	2.69	4.30	5.90	7.52	9.13	10.74	12.35	13.96	15.58	17.19	18.80	20.41	22.02	23.64	25.25
<b>-06</b>	2.94	4.71	6.48	8.25	10.02	11.78	13.55	15.31	17.09	18.85	20.62	22.39	24.15	25.92	27.69
<b>90-04</b>	2.92	4.69	6.44	8.20	9.95	11.71	13.47	15.23	16.98	18.74	20.50	22.26	24.01	25.77	27.52
<b>-06</b>	3.21	5.14	7.87	9.00	10.92	12.86	14.78	16.70	18.64	20.56	22.50	24.42	26.35	28.28	30.21
<b>96-04</b>	3.11	4.99	6.86	8.73	10.60	12.47	14.34	16.21	18.09	19.95	21.82	23.70	25.56	27.44	29.30
<b>-06</b>	3.42	5.47	7.51	9.57	11.62	13.67	15.72	17.77	19.82	21.87	23.92	25.97	28.02	30.08	32.12