

**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**

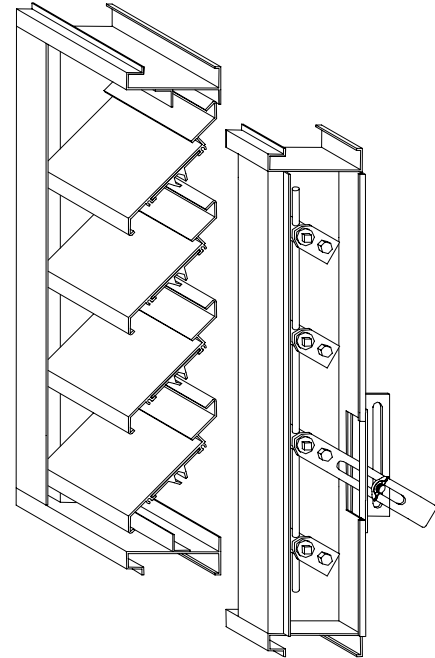
3/4" x .051" (19 x 1.3) flattened expanded aluminum bird screen no frame

**FINISH**

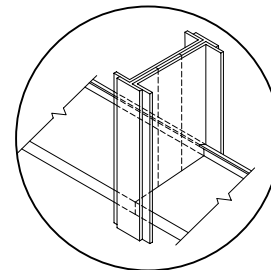
Mill

**OPERATOR**

Wingnut adjustable



**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

**SPECIAL PURPOSE CONSTRUCTION**

Fully welded construction

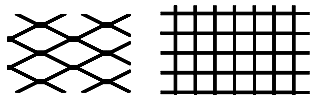
Security bars

Filter racks

Jackshaft when required

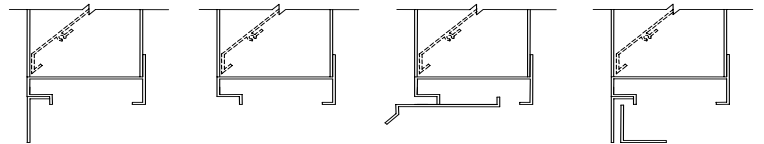
Sleeved for ductwork connection

**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 |