

## Weather Protective Blade Louver in 4" deep frame design • Model LEG

**Design Features** – Traditional design with baffle blade for improved weather protection and architectural pleasing appearance. Louvers are designed to withstand inward and outward wind pressure up to 25 psf (100 mph).

### STANDARD CONSTRUCTION

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

**FRAME**

LEG-04, 4" (102) deep, .081 ga. (2.1) extruded alum. in style #3.

**BLADES**

LEG-04, 4" (102), .081" ga. (2.1) extruded alum, approx. spacing is 2-1/2" (64) @ 20°

**FASTENERS**

#10 Plated steel screw

**MAXIMUM SIZE**

Unlimited, with mullions, structural bracing supplied by others

**MAXIMUM FACTORY ASSEMBLY SIZE**

120" W x 84" H or vice versa (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**

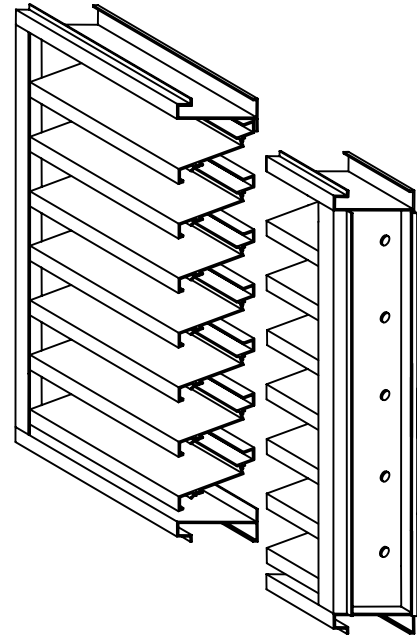
1/4" (6) under ordered size unless specified Exact or Actual

**SCREEN**

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

**FINISH**

Mill



### OPTIONAL CONSTRUCTION

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

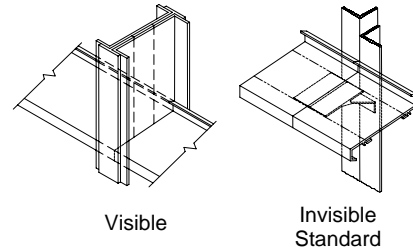
**BLADES** – Available in a heavier extrusion of .125" ga. (3.2)

**SCREEN** - Many styles available please consult screen listing

**FINISH** – Air-dry primer, Polyurethane, Epoxy, Baked Enamel, Powder Coat, Anodized or Kynar 500.

**MULLION** – Visible for architectural preference

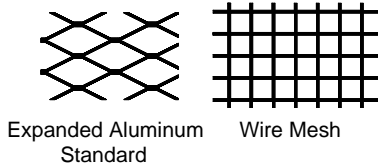
### MULLION STYLES



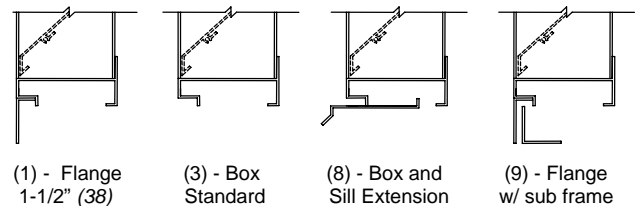
### SPECIAL PURPOSE CONSTRUCTION

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

### TYPICAL SCREEN STYLES



### FRAME STYLES



DATE	ARCHITECT / ENGINEER	CUSTOMER		
PROJECT				
ITEM	QTY	W	H	TAG



DEPENDABLE PRODUCTS SINCE 1955

### SAFE-AIR / DOWCO

Engineering and General Offices

1855 South 54th Avenue / Cicero, Illinois 60804

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

**WIDTH FREE AREA CALCULATIONS IN SQ. FT.**

INCHES	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
<b>12</b>	.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
<b>18</b>	.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
<b>24</b>	.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
<b>30</b>	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
<b>36</b>	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
<b>42</b>	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
<b>48</b>	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
<b>54</b>	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
<b>60</b>	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
<b>66</b>	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
<b>72</b>	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
<b>78</b>	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
<b>84</b>	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
<b>90</b>	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
<b>96</b>	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**