

## 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

6" W x 6" H (152 x 152mm)

#### UNDERSIZED

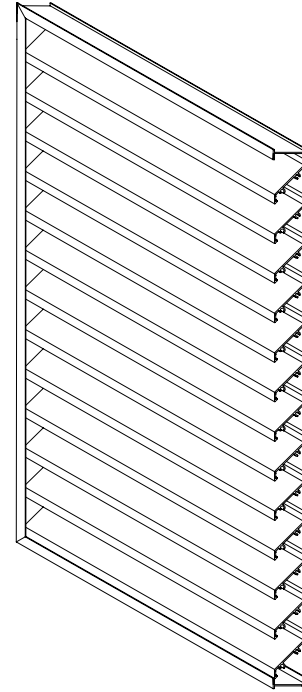
1/4" (6) under ordered size unless specified Exact or Actual

#### SCREEN

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

#### FINISH

Mill



### OPTIONAL CONSTRUCTION

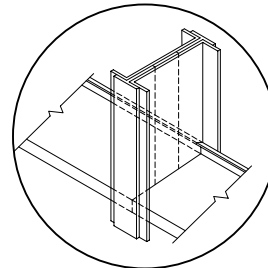
**FINISH** – Factory Prime Coat, Powder Epoxy, Powder Coat (AAMA 2604), Powder Coat (AAMA 2605), Kynar 500 2-step, Kynar 500 3-step, Clear Anodized 204-R1\*, Clear Anodized 215-R1\*, Bronze Anodized\*, Black Anodized\*

\*Please note that anodized finishes cannot exceed 48" in width or height due to tank size limitations, consult factory for sizes in excess of 48" in either dimension

### SPECIAL PURPOSE CONSTRUCTION

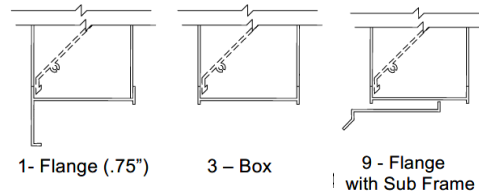
Special Shapes; Round, Triangle, Trapezoid, Octagon, etc.  
Fully welded construction  
Security bars  
Filter racks  
Hinged as walk through door or for swing out access  
Sleeved for ductwork connection

### MULLION STYLE

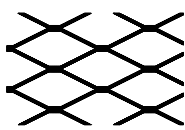


Visible

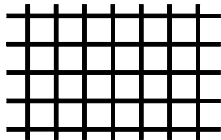
### FRAME STYLES



### 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.**

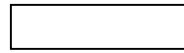
Engineering and General Offices

1855 South 54<sup>th</sup> 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