

Chevron Blade Louver in 4" thick frame design Model – LEY-04

Design Features – Vision proof design, not intended for use as an intake or exhaust, useful as an open area vent.

STANDARD CONSTRUCTION

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

FRAME

.081" (2.1) extruded aluminum in style #3

BLADES

.081" (2.1) extruded aluminum, approx spacing is 4 1/2" (114)

MAXIMUM SIZE

Unlimited, with mullions, structural bracing supplied by others

MAXIMUM FACTORY ASSEMBLY SIZE

120" w x 96" h or 96" w x 120" h (3048 x 2438) or (2438 x 3048)

(allows for best handling)

(Type of finish may limit maximum single section)

MULLION

Visible

MINIMUM SIZE

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

UNDERSIZED

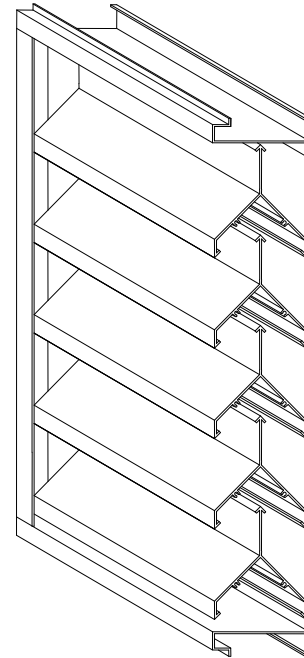
1/4" (6) under ordered size unless specified Exact or Actual

SCREEN

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

FINISH

Mill



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

FINISH – Air-dry primer, polyurethane, epoxy, or enamel, baked epoxy or enamel, Kynar, or Powder coat.

MULLION – Visible for architectural preference

SPECIAL PURPOSE CONSTRUCTION

Special shapes: Triangle, Round, Trapezoid, Octagon, etc.

Fully welded construction

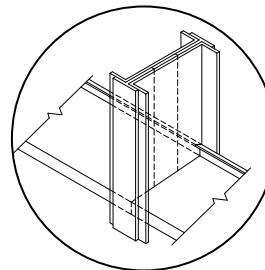
Security bars

Filter racks

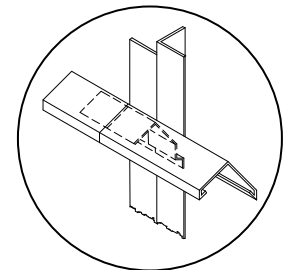
Hinged as walk through door or for swing out for access

Sleeved for ductwork connection

MULLION STYLES

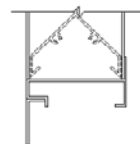


Visible (Standard)

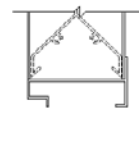


Invisible

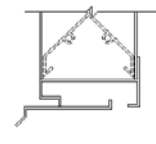
FRAME STYLES



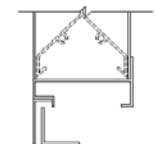
(1) - Flange
1-1/2"



(3) - Box
Standard

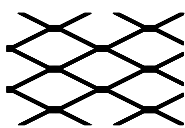


(8) - Box and
Sill Extension

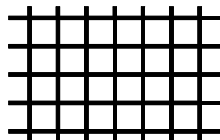


(9) - Flange
w/ sub frame

TYPICAL SCREEN STYLES



Expanded Aluminum
Standard



Wire Mesh

DATE		ARCHITECT			CUSTOMER	
PROJECT						
ITEM	QTY	W	H	DESCRIPTION		

LEY-04 PERFORMANCE SPECIFICATIONS

WIDTH FREE AREA CALCULATIONS IN SQ. FT.

INCHES	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
12	.18	.28	.39	.49	.60	.70	.81	.91	1.02	1.12	1.23	1.33	1.44	1.54	1.65
18	.33	.54	.74	.94	1.14	1.34	1.54	1.74	1.94	2.14	2.34	2.55	2.75	2.95	3.15
24	.45	.71	.98	1.25	1.52	1.79	2.05	2.32	2.59	2.86	3.13	3.39	3.66	3.93	4.20
30	.62	1.00	1.37	1.74	2.12	2.49	2.86	3.23	3.61	3.98	4.35	4.73	5.10	5.47	5.85
36	.78	1.25	1.72	2.19	2.66	3.13	3.60	4.06	4.53	5.00	5.47	5.94	6.41	6.88	7.35
42	.89	1.43	1.97	2.50	3.04	3.57	4.11	4.64	5.18	5.72	6.25	6.79	7.32	7.86	8.40
48	1.07	1.71	2.35	2.99	3.63	4.27	4.92	5.56	6.20	6.84	7.48	8.12	8.76	9.40	10.05
54	1.23	1.97	2.70	3.44	4.18	4.91	5.65	6.39	7.12	7.86	8.60	9.33	10.07	10.81	11.55
60	1.34	2.14	2.95	3.75	4.56	5.36	6.16	6.97	7.77	8.58	9.38	10.18	10.99	11.79	12.60
66	1.52	2.42	3.33	4.24	5.15	6.06	6.97	7.88	8.79	9.70	10.61	11.52	12.43	13.34	14.24
72	1.67	2.68	3.68	4.69	5.69	6.70	7.70	8.71	9.71	10.72	11.72	12.73	13.73	14.74	15.74
78	1.79	2.86	3.93	5.00	6.07	7.15	8.22	9.29	10.36	11.43	12.51	13.58	14.65	15.72	16.79
84	1.96	3.14	4.32	5.49	6.67	7.85	9.03	10.20	11.38	12.56	13.73	14.91	16.09	17.27	18.44
90	2.12	3.36	4.67	5.94	7.21	8.49	9.76	11.03	12.30	13.58	14.85	16.12	17.40	18.67	19.94
96	2.23	3.57	4.91	6.25	7.59	8.93	10.27	11.61	12.95	14.29	15.63	16.97	18.31	19.65	20.99