

# Submittal Data

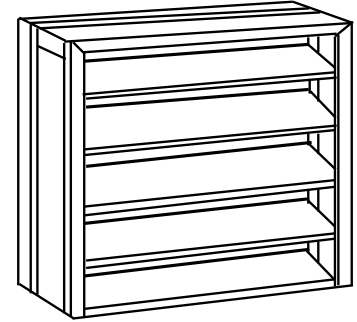
# Model EAL4 Buckley Extruded Aluminum Louver

## Standard Construction

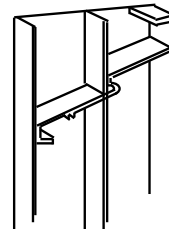
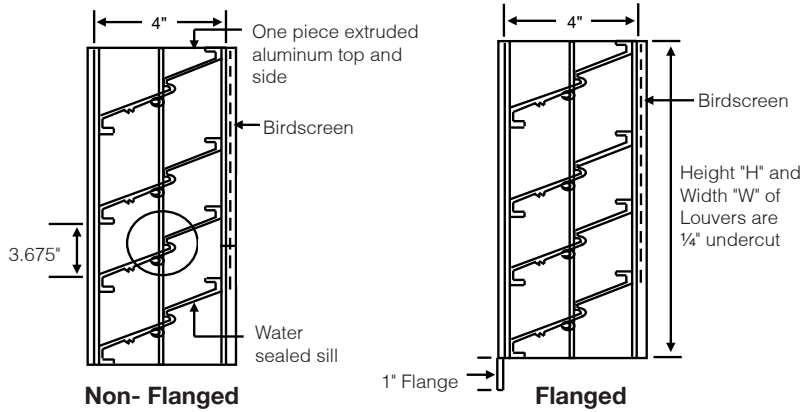
- + Mill or Bronze Finish
- + Bridscreen
- + 4" depth
- + 1" Flange or No Flange
- + .074 Extruded Aluminum Blades 6063-T5
- + .085 Extruded Aluminum Frame 6063-T5

## Options

- + Insect Screen
- + Powder Coat Finishes



Stationary Blade at 40°



Rattle-Proof Construction. Blades are force-fitted into key slot shaped machine spaced support notches and individually upset and pierced into notch

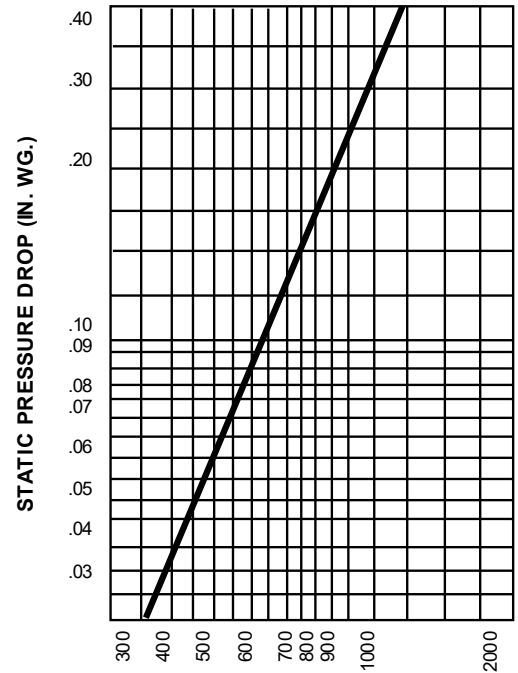


## Free Area Chart

		Width (Inches)										
		12	18	24	30	36	42	48	54	60	66	72
Height (Inches)	12	.22	.36	.49	.62	.75	.88	1.01	1.14	1.27	1.40	1.53
	18	.47	.75	1.03	1.31	1.59	1.87	2.15	2.43	2.71	3.00	3.28
	24	.70	1.11	1.53	1.94	2.36	2.77	3.19	3.60	4.02	4.43	4.85
	30	.95	1.52	2.09	2.66	3.23	3.80	4.37	4.94	5.51	6.08	6.65
	36	1.21	1.93	2.65	3.37	4.09	4.81	5.53	6.25	7.02	7.74	8.46
	42	1.43	2.28	3.14	4.00	4.86	5.72	6.58	7.44	8.30	9.16	10.02
	48	1.68	2.69	3.70	4.71	5.72	6.73	7.74	8.75	9.76	10.77	11.78
	54	1.91	3.06	4.20	5.35	6.50	7.65	8.80	9.95	11.10	12.25	13.40
	60	2.12	3.39	4.66	5.93	7.20	8.47	9.74	11.01	12.28	13.55	14.82
	66	2.38	3.80	5.22	6.64	8.06	9.48	10.90	12.32	13.74	15.16	16.58
	72	2.61	4.17	5.73	7.29	8.85	10.41	11.97	13.53	15.09	16.65	18.21
78	2.82	4.50	6.19	7.88	9.87	11.26	12.95	14.64	16.33	18.02	19.71	
84	3.07	4.91	6.75	8.59	10.43	12.27	14.11	15.95	17.79	19.63	21.47	
90	3.30	5.28	7.26	9.24	11.22	13.20	15.18	17.16	19.14	21.12	23.10	
96	3.54	5.65	7.77	9.89	12.01	14.13	16.25	18.37	20.59	22.71	24.83	

Sizing Louvers: CFM / FPM = FREE AREA

## MODEL EAL-4 AIR PERFORMANCE



FREE AREA VELOCITY FPM

*Buckley Associates, Inc.*

Manufactured by Buckley Associates, Inc, Hanover, Massachusetts  
Sheet Metal Union Local 17.

EAL4  
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