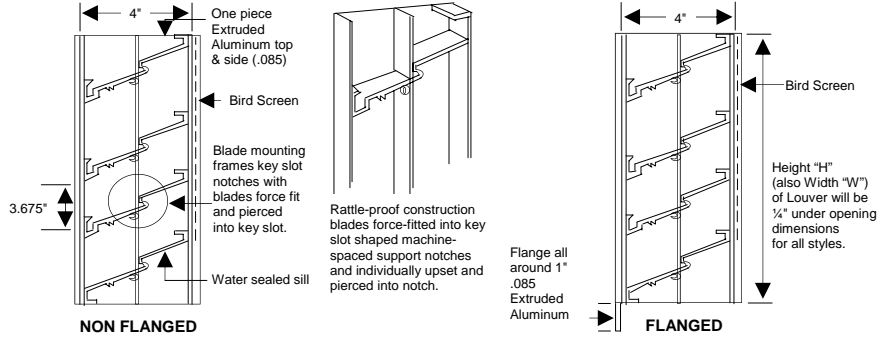
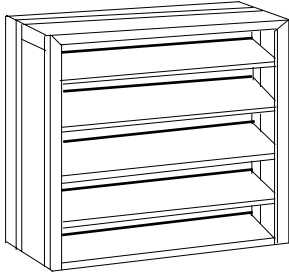


SUBMITTAL DATA

EXTRUDED ALUMINUM LOUVER BUCKLEY MODEL EAL-4-DB

4" DEEP STATIONARY BLADE @ 40 DEGEES



CONSTRUCTION:

- Blades:** (.074) Extruded Aluminum 6063-T5
- Frame:** (.085) Extruded Aluminum 6063-T5
- Screen:** (.051)x5/8" Aluminum Expanded Diamond Pattern
- Finish:** Standard Mill (Bronze available)

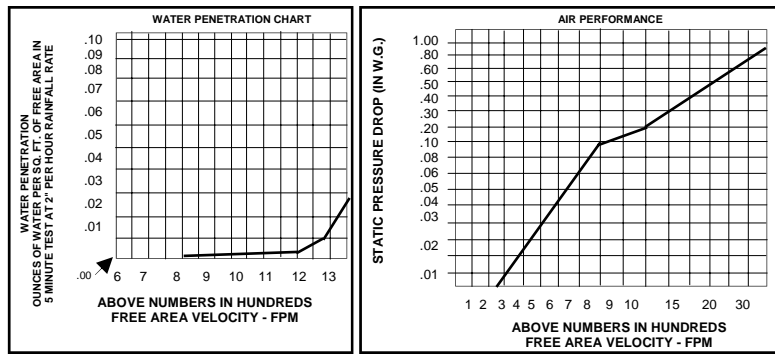
Louvers are 4" deep, smallest size available is 8" x 8". Louvers are undercut by 1/4" unless otherwise specified.

TYPICAL SPECIFICATIONS MODEL EAL-4-DB STATIONARY EXTRUDED ALUMINUM INTAKE AND EXHAUST LOUVER

Install where detailed on plans.
Manufactured by BUCKLEY ASSOCIATES, INC.

Louvers shall be 4" deep and shall have extruded blades .074 and frame .085 thick, 6063-T5 alloy. Blades shall be on 4.375" centers. Provide flat expanded .051 thick 5/8" diamond pattern bird screen secured to louver on inside face. All louvers to be mill finished and undercut by 1/4" unless otherwise specified.

*Bronze finish optional. Material electrostatically painted using a Ransburg Turbo Disc. A 5-stage pretreatment process precedes the painting which is completed by a 20 minute bake cycle at 320 degrees F.



MODEL EAL-4-DB FREE AREA		WIDTH (INCHES)										
		12	18	24	30	36	42	48	54	60	66	72
HEIGHT (INCHES)	12	.20	.32	.44	.56	.67	.79	.91	1.03	1.14	1.26	1.38
	18	.42	.67	.93	1.18	1.43	1.68	1.94	2.19	2.44	2.69	2.95
	24	.63	1.00	1.38	1.75	2.12	2.50	2.87	3.24	3.61	3.98	4.37
	30	.86	1.37	1.88	2.39	2.91	3.42	3.93	4.44	4.95	5.46	5.99
	36	1.09	1.74	2.38	3.03	3.69	4.33	4.98	5.63	6.28	6.93	7.61
	42	1.29	2.05	2.83	3.60	4.38	5.25	6.03	6.81	7.59	8.22	9.00
	48	1.52	2.42	3.33	4.24	5.15	6.06	6.97	7.81	8.72	9.63	10.61
	54	1.72	2.76	3.78	4.83	5.85	6.88	7.91	8.94	9.97	11.02	12.06
	60	1.91	3.05	4.19	5.34	6.48	7.62	8.76	9.90	11.04	12.20	13.38
	66	2.14	3.42	4.70	5.98	7.25	8.53	9.81	11.09	12.37	13.65	14.93
	72	2.35	3.75	5.16	6.56	7.96	9.37	10.77	12.17	13.57	14.95	16.39
	78	2.54	4.05	5.57	7.09	8.69	10.13	11.63	13.13	14.63	16.20	17.74
84	2.76	4.42	6.07	7.73	9.39	11.04	12.69	14.35	16.00	17.65	19.30	
90	2.97	4.76	6.35	8.32	10.10	11.88	13.68	15.48	17.28	19.04	20.79	
96	3.19	5.08	7.00	8.90	10.80	12.72	14.62	16.52	18.42	20.30	22.35	

Recommended maximum intake
free area velocity 900 FPM.

FREE AREA SQ. FT.

$$\text{SIZING LOUVERS } \frac{\text{CFM}}{\text{FPM}} = \text{FREE AREA}$$

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MANUFACTURED BY: *Buckley Associates, Inc.* HANOVER, MA

Visit us on the World Wide Web at: <http://www.buckleyonline.com>

