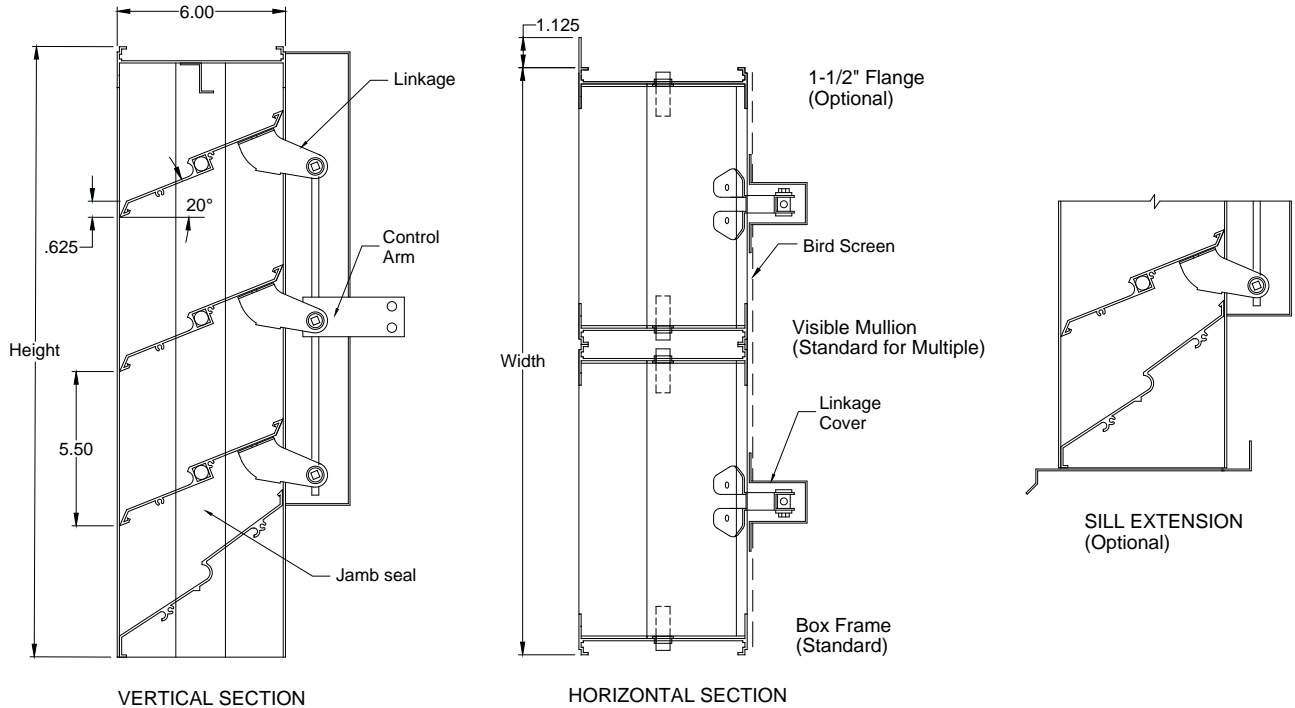


Model 2845 Extruded Aluminum Adjustable Louver

6" deep Blade @ 20°



STANDARD CONSTRUCTION

- FRAME:** .080" extruded aluminum, 6063-T52
- BLADES:** .081" extruded aluminum, 6063-T52
- BIRDSCREEN:** .051 x 3/4" expanded aluminum, no frame
- LINKAGE:** Plated steel face mounted
- BEARINGS/AXLES:** 1/2" dia. Bronze & 1/2" dia. X 2" steel rod
- MAXIMUM SINGLE SECTION:** 60" x 96"
- FINISH:** Natural Mill

Note:
 Width x Height are opening dimensions. Unless otherwise specified, louvers are made 1/4" undersize.

PERFORMANCE

Free Area - 4'x4':
80%

Water Penetration:
610 fpm

Pressure Drop:
.03" wg. @ 1000 fpm

OPTIONAL CONSTRUCTION

- FRAME STYLE:** Flange, Sill Extension, Subframe, Glazing Adapter
- FRAME:** .125" extruded aluminum, 6063-T52
- BLADES:** .125" extruded aluminum, 6063-T52
- BIRDSCREEN:** Standard screen in frame, 18 x 16 mesh aluminum insect screen in frame, 18 x 16 mesh bronze insect screen in frame, 1/2" x 1/2" 16 ga. SS screen, 1/2" x 1/2" x .063" aluminum screen in frame.
- FINISH:** Anodize, Kynar, Prime Coat, Powder Coat, Baked Enamel, Baked Epoxy
- MULLION:** Invisible
- ASSEMBLY:** Welded Construction
- SPECIAL PURPOSE:** Filter Racks, Security Bars, Louvered Door, Blank-off Panels (insulated or non-insulated), Sleeved combined with Control Damper.

	LOUVER SCHEDULE	Qty	Opening (W x H)	Std. Const. (Y/N)	Options
Project: _____					
Location: _____					
Arch/Engr: _____					
Customer: _____					

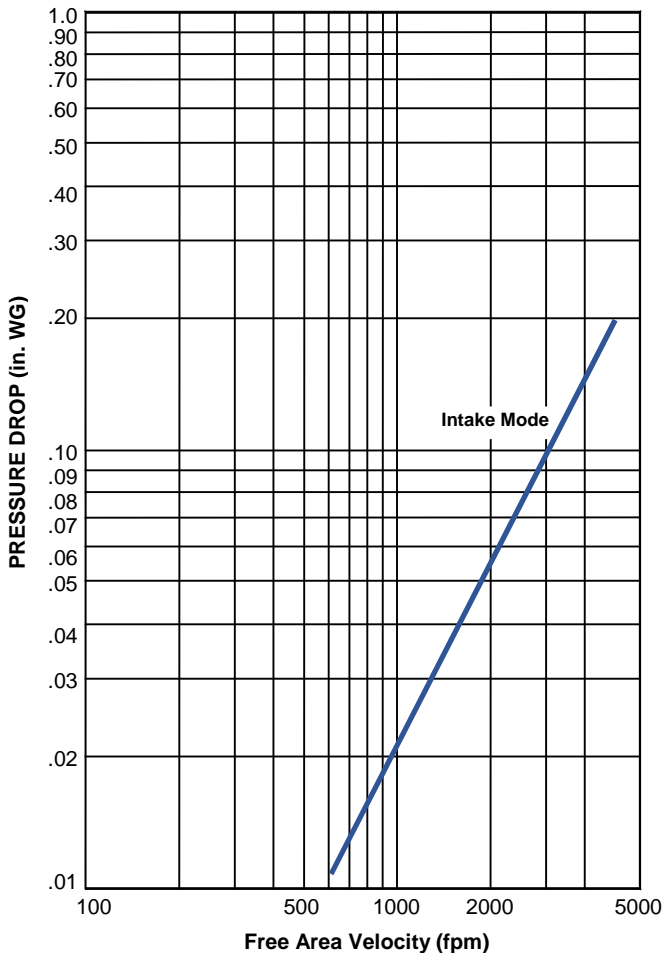
Model 2845 Extruded Aluminum Adjustable Louver

6" deep Blade @ 20°

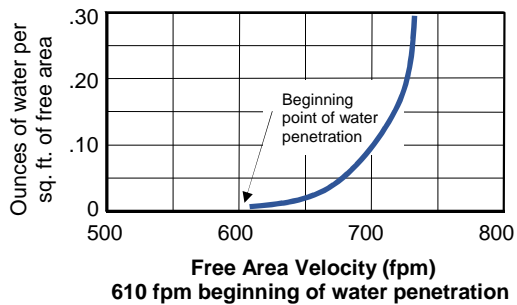
FREE AREA CALCULATIONS in SQ. FT.

		WIDTH																	
Inches	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
12	0.54	0.85	1.15	1.46	1.77	2.08	2.38	2.69	3.00	3.31	3.62	3.92	4.23	4.54	4.85	5.15	5.46	5.77	6.08
18	0.94	1.47	2.01	2.55	3.08	3.62	4.15	4.69	5.23	5.76	6.30	6.83	7.37	7.91	8.44	8.98	9.51	10.05	10.59
24	1.34	2.10	2.87	3.63	4.40	5.16	5.92	6.69	7.45	8.22	8.98	9.75	10.51	11.28	12.04	12.80	13.57	14.33	15.10
30	1.74	2.73	3.72	4.72	5.71	6.70	7.69	8.69	9.68	10.67	11.67	12.66	13.65	14.64	15.64	16.63	17.62	18.61	19.61
36	2.14	3.36	4.58	5.80	7.02	8.24	9.46	10.69	11.91	13.13	14.35	15.57	16.79	18.01	19.23	20.45	21.68	22.90	24.12
42	2.53	3.98	5.42	6.87	8.31	9.76	11.20	12.65	14.09	15.54	16.98	18.43	19.88	21.32	22.77	24.21	25.66	27.10	28.55
48	2.89	4.54	6.20	7.85	9.50	11.15	12.80	14.46	16.11	17.76	19.41	21.06	22.72	24.37	26.02	27.67	29.32	30.98	32.63
54	3.28	5.15	7.02	8.89	10.76	12.64	14.51	16.38	18.25	20.13	22.00	23.87	25.74	27.61	29.49	31.36	33.23	35.10	36.98
60	3.68	5.78	7.88	9.98	12.08	14.18	16.28	18.38	20.48	22.58	24.68	26.78	28.88	30.98	33.08	35.18	37.28	39.39	41.49
66	4.08	6.40	8.73	11.06	13.39	15.72	18.05	20.38	22.71	25.04	27.36	29.69	32.02	34.35	36.68	39.01	41.34	43.67	46.00
72	4.48	7.03	9.59	12.15	14.70	17.26	19.82	22.38	24.93	27.49	30.05	32.61	35.16	37.72	40.28	42.83	45.39	47.95	50.51
78	4.87	7.66	10.45	13.23	16.02	18.80	21.59	24.37	27.16	29.95	32.73	35.52	38.30	41.09	43.87	46.66	49.45	52.23	55.02
84	5.27	8.29	11.30	14.32	17.33	20.34	23.36	26.37	29.39	32.40	35.42	38.43	41.44	44.46	47.47	50.49	53.50	56.51	59.53
90	5.67	8.92	12.16	15.40	18.64	21.89	25.13	28.37	31.61	34.86	38.10	41.34	44.58	47.83	51.07	54.31	57.55	60.80	64.04
96	6.07	9.54	13.02	16.49	19.96	23.43	26.90	30.37	33.84	37.31	40.78	44.25	47.72	51.19	54.67	58.14	61.61	65.08	68.55

AIR PERFORMANCE



WATER PENETRATION



-) Water Penetration Graph in oz. of water per sq. ft. of free area over a (15) min. test period based on unit size 48" x 48".
-) It is possible for moisture to penetrate louvers under adverse atmospheric conditions. For critical applications, drained ductwork, or other means of drainable is recommended.
-) Data shown does not include the effect of bird screen. Graphs are corrected to standard air density .075 lb. per cubic foot.