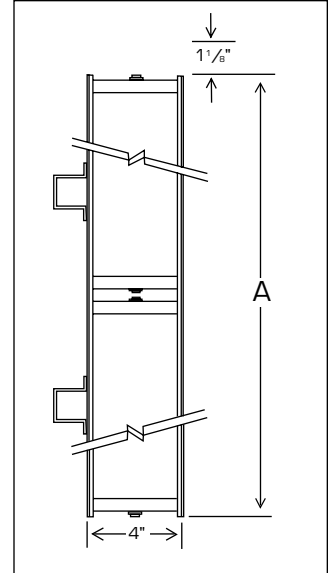
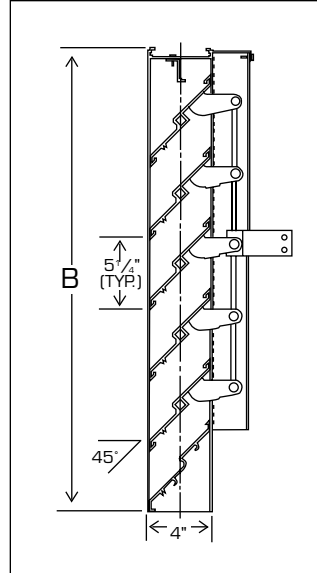




**CERTIFICATION & SUBMITTAL
MODEL 2745 EXTRUDED ALUMINUM LOUVER
Adjustable Blade @ 45°**



STANDARD SPECIFICATIONS

- **FRAME:** .080 6063T5 extruded aluminum.
- **BLADES:** .072 6063T5 extruded aluminum.
- **AXLES:** 1/2" dia. x 2" long plated steel rods.
- **BEARINGS:** 1/2" dia. nylon.
- **HARDWARE:** Plated steel center brackets; brass pivots; 5/16" dia. plated steel linkage rod.
- **OPERATING ARM:** 14 ga. galvanized steel.
- **COVER CHANNEL:** .063 aluminum.
- **BIRDSCREEN:** .051 X 3/4" diamond pattern expanded aluminum.
- **FINISH:** Standard Mill.
- **MAXIMUM**
- **SINGLE SECTION:** 60" x 72"
- **MINIMUM SIZE:** 12" x 12"

OPTIONS

- 06 Blade edge seals.
- 08 Spring stainless steel side seals.
- 31 Flange.
- 32 Multiple Section.
- 34 Buck Frame (requires flanged louver).
- 35 Sill Extension.
- 40 Standard Screen in removable frame.
- 42 18 x 16 Mesh aluminum insect screen.
- 43 18 x 16 Mesh bronze insect screen.
- 44 1/2" x 1/2" x 16 gauge S.S. screen.
- 45 1/2" x 1/2" x .063 aluminum screen.
- 89 Sleeve.
- 90 Jackshaft.
- 92 Actuators.
- 95 Finishing.

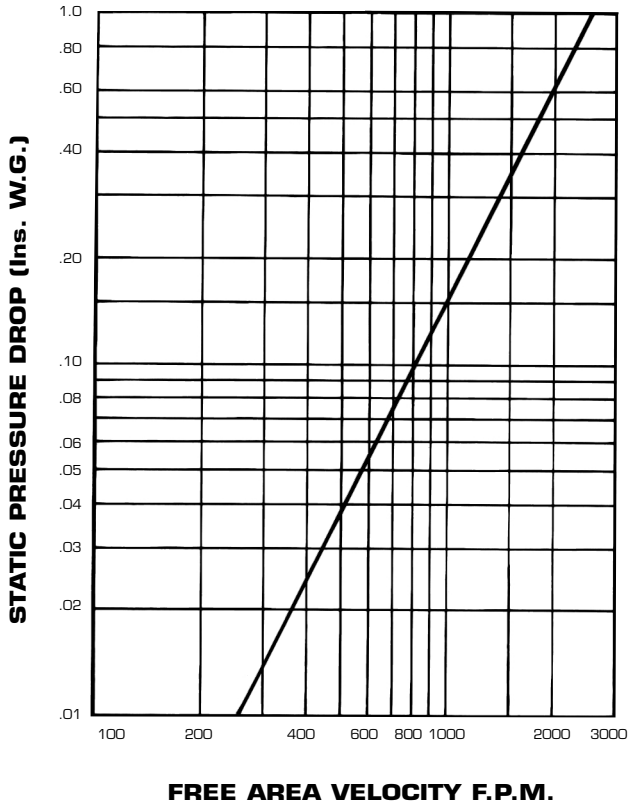
NOTE: A and B are opening dimensions. Unless otherwise specified, louvers are made 1/4" undersize.

**PERFORMANCE DATA MODEL 2745
EXTRUDED ALUMINUM LOUVER
Adjustable Blade @ 45°**

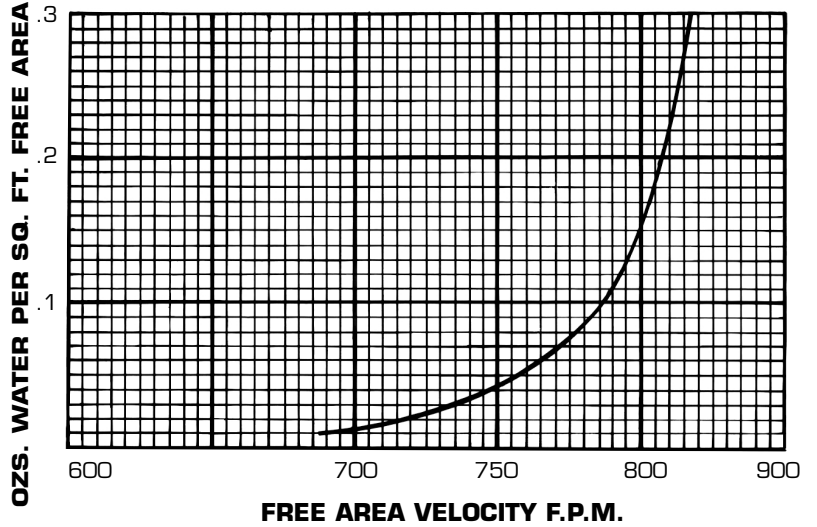
FREE AREA CHART

		A - WIDTH (In Inches)												
		12	16	20	24	28	32	36	40	44	48	52	56	60
B - HEIGHT (In Inches)	12	.10	.14	.18	.22	.26	.30	.34	.38	.42	.46	.50	.54	.57
	16	.27	.39	.50	.61	.73	.84	.95	1.07	1.18	1.30	1.41	1.52	1.64
	20	.45	.64	.82	1.01	1.20	1.39	1.58	1.76	1.95	2.14	2.32	2.51	2.70
	24	.63	.89	1.15	1.41	1.67	1.93	2.19	2.46	2.72	2.98	3.24	3.50	3.76
	28	.63	.89	1.15	1.41	1.67	1.93	2.19	2.46	2.72	2.98	3.24	3.50	3.76
	32	.80	1.14	1.47	1.81	2.14	2.48	2.81	3.15	3.48	3.82	4.15	4.49	4.82
	36	.98	1.39	1.80	2.21	2.62	3.02	3.43	3.84	4.25	4.66	5.07	5.48	5.89
	40	1.16	1.64	2.12	2.60	3.09	3.57	4.05	4.54	5.01	5.50	5.98	6.47	6.95
	44	1.16	1.64	2.12	2.60	3.09	3.57	4.05	4.54	5.01	5.50	5.98	6.47	6.95
	48	1.33	1.89	2.45	3.00	3.56	4.12	4.67	5.23	5.78	6.34	6.90	7.45	8.01
	52	1.51	2.14	2.77	3.40	4.03	4.66	5.29	5.92	6.55	7.18	7.81	8.44	9.07
	56	1.69	2.39	3.10	3.80	4.50	5.21	5.91	6.61	7.32	8.02	8.73	9.43	10.13
	60	1.69	2.39	3.10	3.80	4.50	5.21	5.91	6.61	7.32	8.02	8.73	9.43	10.13
	64	1.86	2.64	3.42	4.20	4.98	5.75	6.53	7.31	8.09	8.86	9.64	10.42	11.20
68	2.04	2.89	3.74	4.60	5.45	6.30	7.15	8.00	8.85	9.70	10.56	11.41	12.26	
72	2.22	3.14	4.07	4.99	5.92	6.84	7.77	8.70	9.62	10.55	11.47	12.40	13.32	

AIR PERFORMANCE TEST



WATER PENETRATION CHART



THE BEGINNING OF WATER PENETRATION IS 687 F.P.M.

It is possible for moisture to penetrate louvers under adverse atmospheric conditions. For critical applications, drained ductwork or other means of drainage is recommended.

Data shown does not include the effect of a .051 x 3/4" diamond pattern birdscreen. Graphs are corrected to standard air density .075 lb. per cubic foot.

RECOMMENDED MAXIMUM INTAKE FREE AREA VELOCITY 700 F.P.M.