



VENT PRODUCTS CO., INC.

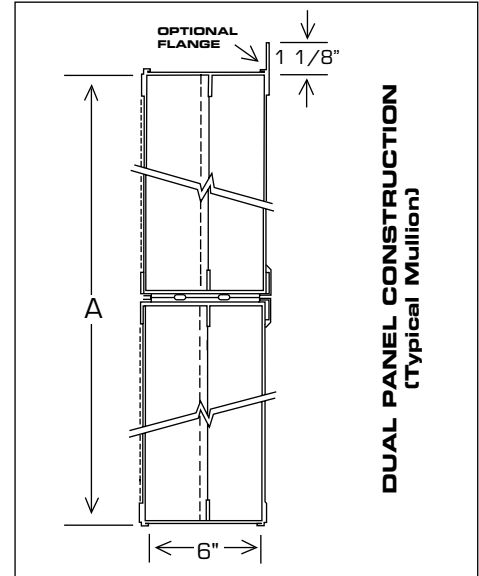
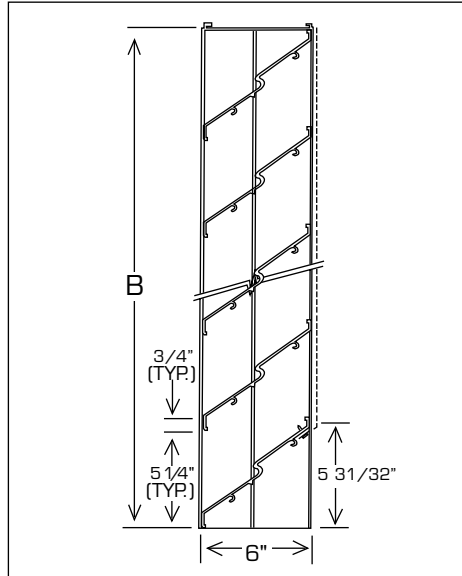
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**CERTIFICATION & SUBMITTAL
MODEL 2800 EXTRUDED ALUMINUM AREST-O-VENT
6" Deep Stationary Blade @ 35°**



STANDARD SPECIFICATIONS

- **FRAME:** .080 6063T6 extruded aluminum.
- **BLADES:** .080 6063T6 extruded aluminum.
- **BIRDSCREEN:** .051 X 3/4" diamond pattern expanded aluminum.
- **FINISH:** Standard Mill.
- **MAXIMUM SINGLE SECTION:** 72" x 96"
- **MINIMUM SIZE:** 8" x 12"
- **NOTE:** A & B are opening dimensions. Unless otherwise specified, louvers are made 1/4" undersize.

OPTIONS

- 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.
- 85 .125 6063T6 extruded aluminum.
- 89 Sleeve.



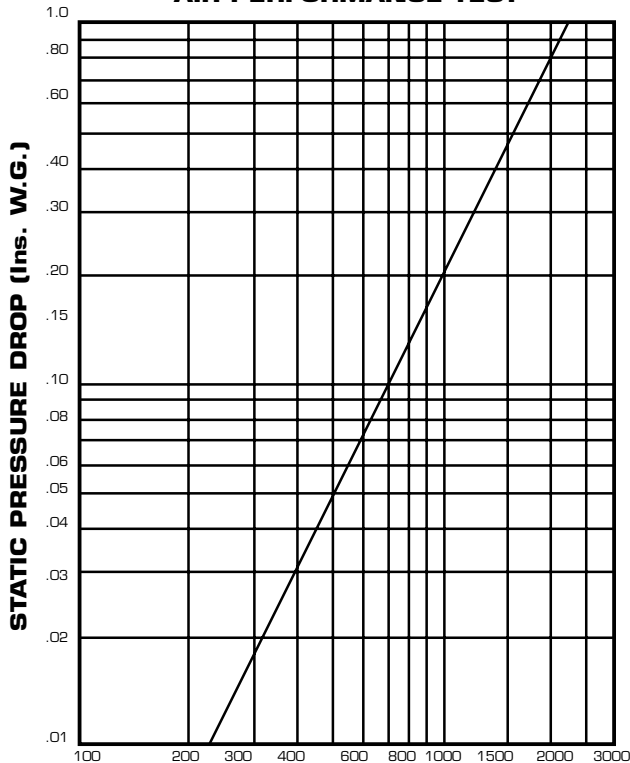
**PERFORMANCE DATA MODEL 2800
EXTRUDED ALUMINUM AREST-O-VENT
6" Deep Stationary Blade @ 35°**

FREE AREA CHART

		A - WIDTH (In Inches)															
		12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72
B - HEIGHT (In Inches)	12	.22	.31	.41	.50	.60	.69	.79	.88	.98	1.07	1.17	1.26	1.36	1.45	1.55	1.64
	16	.42	.60	.79	.97	1.15	1.34	1.52	1.71	1.89	2.07	2.26	2.44	2.63	2.81	2.99	3.18
	20	.56	.80	1.04	1.29	1.53	1.78	2.02	2.27	2.51	2.75	3.00	3.24	3.49	3.73	3.98	4.22
	24	.69	1.00	1.30	1.61	1.91	2.22	2.52	2.83	3.13	3.44	3.74	4.05	4.35	4.65	4.96	5.26
	28	.86	1.25	1.63	2.01	2.39	2.77	3.15	3.53	3.91	4.29	4.67	5.05	5.43	5.81	6.19	6.57
	32	1.08	1.56	2.03	2.51	2.98	3.46	3.94	4.41	4.89	5.36	5.84	6.31	6.79	7.27	7.74	8.22
	36	1.22	1.76	2.29	2.83	3.37	3.90	4.44	4.98	5.51	6.05	6.59	7.12	7.66	8.20	8.73	9.27
	40	1.36	1.95	2.55	3.15	3.75	4.34	4.94	5.54	6.13	6.73	7.33	7.93	8.52	9.12	9.72	10.31
	44	1.51	2.18	2.85	3.51	4.18	4.84	5.51	6.18	6.84	7.51	8.17	8.84	9.51	10.17	10.84	11.50
	48	1.73	2.49	3.25	4.01	4.77	5.54	6.30	7.06	7.82	8.58	9.34	10.10	10.86	11.62	12.39	13.15
	52	1.88	2.71	3.54	4.37	5.20	6.03	6.86	7.69	8.52	9.35	10.17	11.00	11.83	12.66	13.49	14.32
	56	2.02	2.91	3.80	4.69	5.58	6.47	7.36	8.25	9.14	10.03	10.92	11.81	12.70	13.58	14.47	15.36
	60	2.16	3.11	4.06	5.02	5.97	6.92	7.87	8.82	9.77	10.72	11.68	12.63	13.58	14.53	15.48	16.43
	64	2.38	3.42	4.47	5.52	6.56	7.61	8.66	9.70	10.75	11.80	12.84	13.89	14.94	15.98	17.03	18.08
	68	2.55	3.67	4.79	5.91	7.03	8.16	9.28	10.40	11.52	12.64	13.76	14.88	16.01	17.13	18.25	19.37
	72	2.69	3.87	5.05	6.23	7.41	8.60	9.78	10.96	12.14	13.32	14.50	15.69	16.87	18.05	19.23	20.41
76	2.82	4.07	5.31	6.55	7.79	9.03	10.28	11.52	12.76	14.00	15.25	16.49	17.73	18.97	20.22	21.46	
80	3.03	4.36	5.69	7.02	8.35	9.69	11.02	12.35	13.68	15.01	16.35	17.68	19.01	20.34	21.67	23.01	
84	3.21	4.63	6.04	7.45	8.87	10.28	11.70	13.11	14.52	15.94	17.35	18.76	20.18	21.59	23.01	24.42	
88	3.35	4.82	6.30	7.77	9.25	10.72	12.20	13.67	15.14	16.62	18.09	19.57	21.04	22.52	23.99	25.46	
92	3.49	5.02	6.56	8.09	9.63	11.17	12.70	14.23	15.76	17.30	18.83	20.37	21.90	23.44	24.97	26.51	
96	3.68	5.29	6.91	8.53	10.14	11.76	13.38	15.00	16.61	18.23	19.85	21.47	23.08	24.70	26.32	27.94	

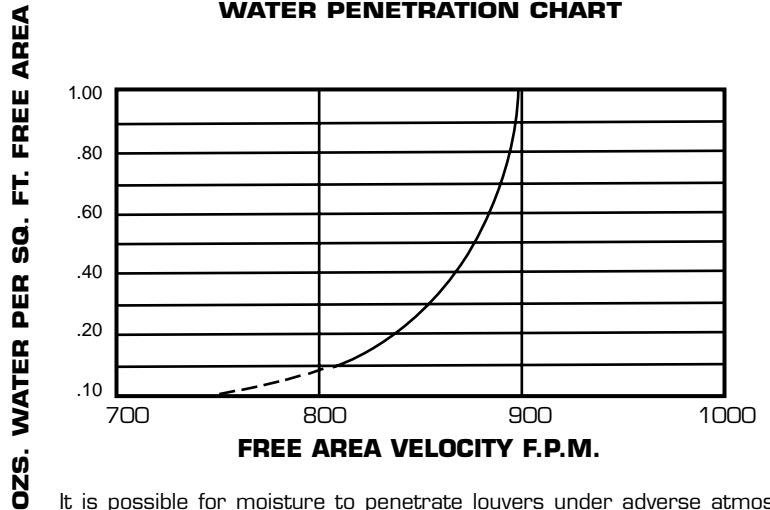
FREE AREA (Sq. Ft.)

AIR PERFORMANCE TEST



FREE AREA VELOCITY F.P.M.

WATER PENETRATION CHART



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

TEST UNIT SIZE 48" X 48" (15 Min. Duration)

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

RECOMMENDED MAXIMUM INTAKE FREE AREA VELOCITY 750 F.P.M.