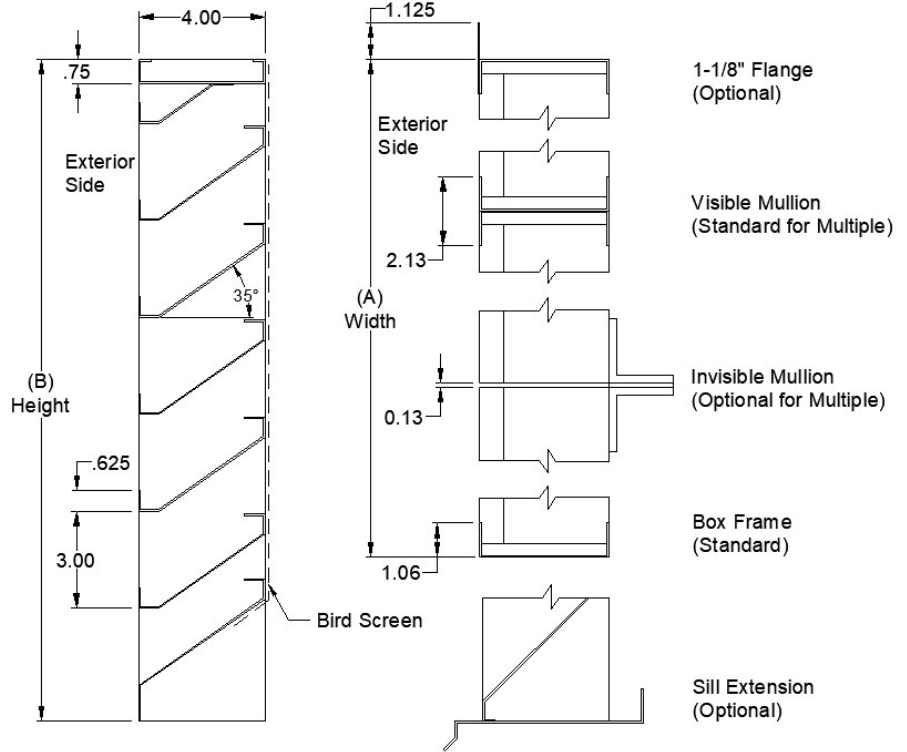




VENT PRODUCTS CO., INC.
 Certifies that the 4450 louver shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publications 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to air performance and ratings and water penetration ratings.

VENT PRODUCTS CO., INC.
 1901 South Kilbourn Avenue Chicago, Illinois 60623
 Telephone : 773-521-1900
 Fax No. : 773-521-5613
 Website: www.ventproducts.com

CERTIFICATION & SUBMITTAL
MODEL: 4450 FABRICATED METAL LOUVER
 4" Deep Drainable Blade @ 35°

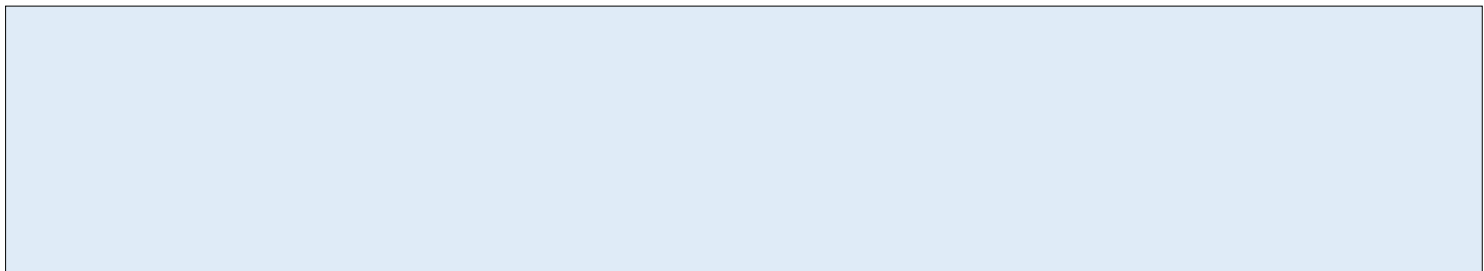


STANDARD SPECIFICATIONS

- **FRAME:** 18 gauge galvanized steel.
 - **BLADES:** 18 gauge galvanized steel, permanently riveted to frame.
 - **BIRDSCREEN:** 19 gauge 1/2" x 1/2" galvanized steel.
 - **FINISH:** Standard Mill.
 - **MAXIMUM SINGLE SECTION:** 72" x 96"
 - **MINIMUM SIZE:** 6"x10"
- NOTE:** A & B are opening dimensions. Unless otherwise specified, louvers are made 1/4" undersize.

OPTIONS

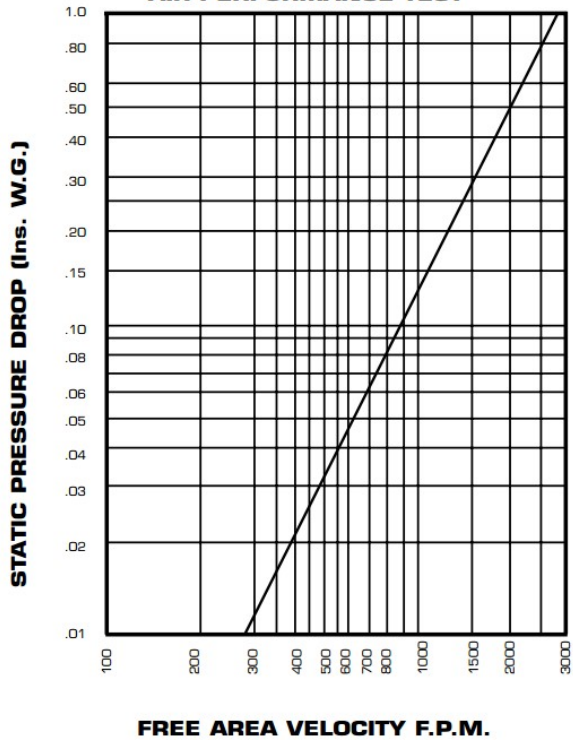
- 31 Flange.
- 34 Buck Frame (requires flanged louver).
- 35 Sill Extension.
- 36 All welded construction.
- 40 Standard Screen in removable frame.
- 42 18 x 16 Mesh aluminum insect screen.
- 63 Burglar Bars.
- 81 16 Gauge construction.
- 86 Aluminum construction.
- 87 Stainless steel construction.
- 95 Finishing.



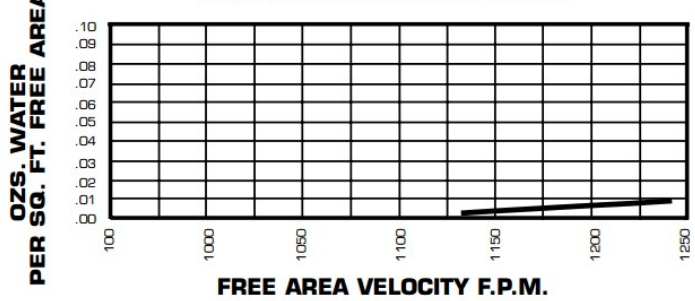


PERFORMANCE DATA
MODEL: 4450 FABRICATED METAL LOUVER
 4" Deep Drainable Blade @ 35°

AIR PERFORMANCE TEST



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 a 1/2" x 1/2" x 19 ga. galvanized birdscreen. Graphs are corrected to standard air density .075 lb. per cubic foot.

RECOMMENDED MAXIMUM INTAKE FREE AREA VELOCITY 1100 F.P.M.



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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	.26	.37	.48	.59	.70	.81	.92	1.03	1.13	1.24	1.35	1.46	1.57	1.68	1.79	1.90
	16	.42	.60	.78	.96	1.14	1.32	1.50	1.68	1.86	2.03	2.21	2.39	2.57	2.75	2.93	3.11
	20	.49	.70	.90	1.11	1.32	1.52	1.73	1.94	2.14	2.35	2.56	2.76	2.97	3.18	3.38	3.59
	24	.66	.93	1.21	1.48	1.76	2.04	2.31	2.59	2.86	3.14	3.42	3.69	3.97	4.24	4.52	4.80
	28	.82	1.17	1.51	1.86	2.20	2.55	2.89	3.24	3.58	3.93	4.28	4.62	4.97	5.31	5.66	6.00
	32	.89	1.26	1.63	2.01	2.38	2.75	3.13	3.50	3.87	4.25	4.62	4.99	5.37	5.74	6.11	6.49
	36	1.05	1.49	1.94	2.38	2.82	3.26	3.71	4.15	4.59	5.04	5.48	5.92	6.36	6.81	7.25	7.69
	40	1.22	1.73	2.24	2.75	3.26	3.78	4.29	4.80	5.31	5.83	6.34	6.85	7.36	7.87	8.39	8.90
	44	1.28	1.82	2.36	2.90	3.44	3.98	4.52	5.06	5.60	6.14	6.68	7.22	7.76	8.30	8.84	9.38
	48	1.45	2.06	2.67	3.28	3.88	4.49	5.10	5.71	6.32	6.93	7.54	8.15	8.76	9.37	9.98	10.59
	52	1.61	2.29	2.97	3.65	4.33	5.01	5.69	6.36	7.04	7.72	8.40	9.08	9.76	10.44	11.12	11.79
	56	1.68	2.38	3.09	3.80	4.50	5.21	5.92	6.62	7.33	8.04	8.74	9.45	10.16	10.86	11.57	12.28
	60	1.84	2.62	3.40	4.17	4.95	5.72	6.50	7.28	8.05	8.83	9.60	10.38	11.16	11.93	12.71	13.48
	64	2.01	2.85	3.70	4.54	5.39	6.24	7.08	7.93	8.77	9.62	10.46	11.31	12.15	13.00	13.84	14.69
	68	2.07	2.95	3.82	4.69	5.57	6.44	7.31	8.19	9.06	9.93	10.81	11.68	12.55	13.43	14.30	15.17
	72	2.24	3.18	4.12	5.07	6.04	6.95	7.90	8.84	9.78	10.72	11.67	12.61	13.55	14.49	15.44	16.38
76	2.40	3.42	4.43	5.44	6.45	7.46	8.48	9.49	10.50	11.51	12.53	13.54	14.55	15.56	16.57	17.59	
80	2.47	3.51	4.55	5.59	6.63	7.67	8.71	9.75	10.79	11.83	12.87	13.91	14.95	15.99	17.03	18.07	
84	2.63	3.74	4.85	5.96	7.07	8.18	9.29	10.40	11.51	12.62	13.73	14.84	15.95	17.06	18.17	19.28	
88	2.80	3.98	5.16	6.34	7.51	8.69	9.87	11.05	12.23	13.41	14.59	15.77	16.95	18.12	19.30	20.48	
92	2.87	4.07	5.28	6.49	7.69	8.90	10.11	11.31	12.52	13.73	14.93	16.14	17.34	18.55	19.76	20.96	
96	3.03	4.31	5.58	6.86	8.13	9.41	10.69	11.96	13.24	14.51	15.79	17.07	18.34	19.62	20.90	22.17	