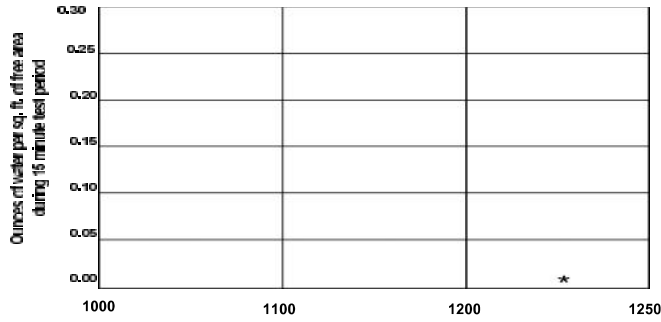


WATER PENETRATION
 *Beginning point of water penetration is above 1250 fpm
 (Based of 48" x 48" test size louver)



Air Performance certifies that louver shown herein is licensed to bear the AMCA Seal. Ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings seal applies to air performance, water penetration, and wind-driven rain ratings only.

WIND-DRIVEN RAIN PERFORMANCE

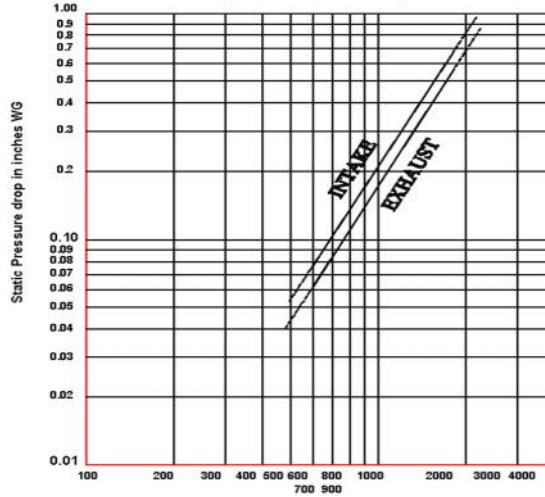
Test size is 39" X 39" Core Area

Wind Velocity (mph)	Rain Fall Rate (in./hr.)	Core Velocity (fpm)	Airflow (cfm)	Free Area Velocity (fpm)	Effectiveness Ratio	Class	Discharge Loss Class
29	3	279	3009	476	99.1	A	2
29	3	369	3972	628	97.8	B	2

Class	Discharge Loss Coefficient
1	0.4 and Above
2	0.3 to 0.399
3	0.2 to 0.299
4	0.199 and Below

Class	Effectiveness
A	1 to 0.99
B	0.989 to 0.95
C	0.949 to 0.80
D	Below 0.80

PRESSURE DROP
(Based on 48" x 48" test louver)



FREE AREA CHART
(Free Area Chart shows free area in ft²)

	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
12	0.29	0.47	0.65	0.82	1.00	1.18	1.36	1.54	1.71	1.89	2.07	2.25	2.43	2.61	2.78	2.96	3.14	3.32	3.50
18	0.53	0.85	1.16	1.50	1.83	2.15	2.48	2.80	3.13	3.45	3.78	4.10	4.43	4.75	5.08	5.40	5.73	6.05	6.38
24	0.79	1.28	1.77	2.25	2.74	3.23	3.72	4.20	4.69	5.18	5.67	6.15	6.64	7.13	7.62	8.10	8.59	9.08	9.57
30	1.06	1.71	2.36	3.01	3.66	4.31	4.96	5.61	6.26	6.91	7.56	8.21	8.86	9.51	10.16	10.81	11.46	12.11	12.76
36	1.30	2.10	2.90	3.70	4.50	5.30	6.10	6.90	7.70	8.50	9.30	10.10	10.90	11.70	12.50	13.30	14.10	14.90	15.70
42	1.54	2.49	3.43	4.38	5.33	6.27	7.22	8.17	9.11	10.06	11.01	11.95	12.90	13.85	14.79	15.74	16.69	17.64	18.58
48	1.78	2.87	3.96	5.06	6.15	7.25	8.34	9.43	10.53	11.62	12.72	13.81	14.90	16.00	17.09	18.18	19.28	20.37	21.47
54	2.02	3.27	4.52	5.76	7.01	8.25	9.50	10.75	11.99	13.24	14.48	15.73	16.97	18.22	19.47	20.71	21.96	23.20	24.45
60	2.29	3.70	5.11	6.51	7.92	9.33	10.74	12.15	13.56	14.96	16.37	17.78	19.19	20.60	22.01	23.41	24.82	26.23	27.64
66	2.55	4.12	5.69	7.26	8.82	10.39	11.96	13.53	15.10	16.67	18.24	19.81	21.37	22.94	24.51	26.08	27.65	29.22	30.79
72	2.79	4.51	6.23	7.94	9.66	11.38	13.10	14.82	16.53	18.25	19.97	21.69	23.40	25.12	26.84	28.56	30.28	31.99	33.71
78	3.03	4.89	6.76	8.62	10.49	12.35	14.22	16.08	17.95	19.81	21.68	23.54	25.41	27.27	29.13	31.00	32.86	34.73	36.59
84	3.27	5.27	7.26	9.29	11.30	13.31	15.32	17.33	19.34	21.35	23.36	25.37	27.38	29.39	31.40	33.41	35.42	37.43	39.44
90	3.52	5.69	7.85	10.02	12.19	14.35	16.52	18.69	20.85	23.02	25.19	27.35	29.52	31.69	33.85	36.02	38.19	40.35	42.52
96	3.78	6.11	8.44	10.77	13.10	15.43	17.76	20.09	22.42	24.75	27.08	29.41	31.73	34.06	36.39	38.72	41.05	43.38	45.71
102	4.04	6.52	9.01	11.49	13.97	16.46	18.94	21.43	23.91	26.40	28.88	31.37	33.85	36.33	38.82	41.30	43.79	46.27	48.76
108	4.28	6.91	9.54	12.17	14.80	17.43	20.06	22.69	25.33	27.96	30.59	33.22	35.85	38.48	41.11	43.75	46.38	49.01	51.64
114	4.51	7.29	10.07	12.85	15.63	18.41	21.19	23.96	26.74	29.52	32.30	35.07	37.85	40.63	43.41	46.19	48.97	51.74	54.52
120	4.75	7.68	10.60	13.53	16.45	19.38	22.30	25.23	28.15	31.08	34.00	36.93	39.85	42.78	45.70	48.63	51.55	54.48	57.40