

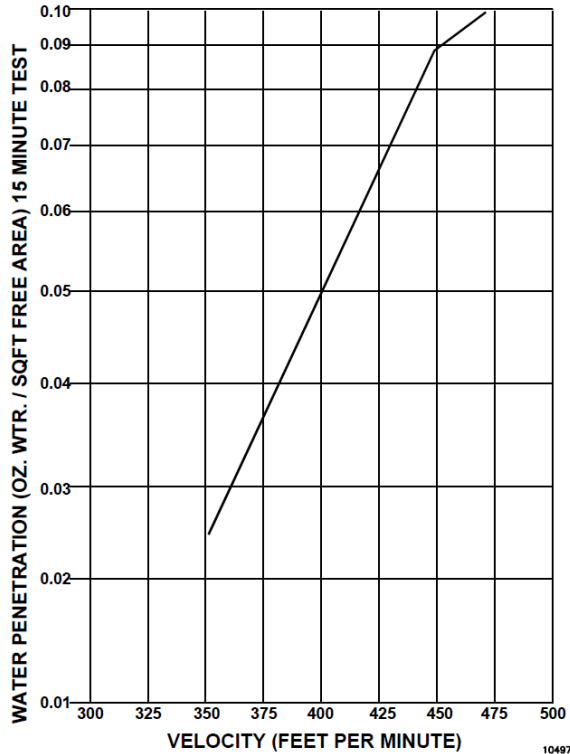


EXTRUDED ALUMINUM LOUVER

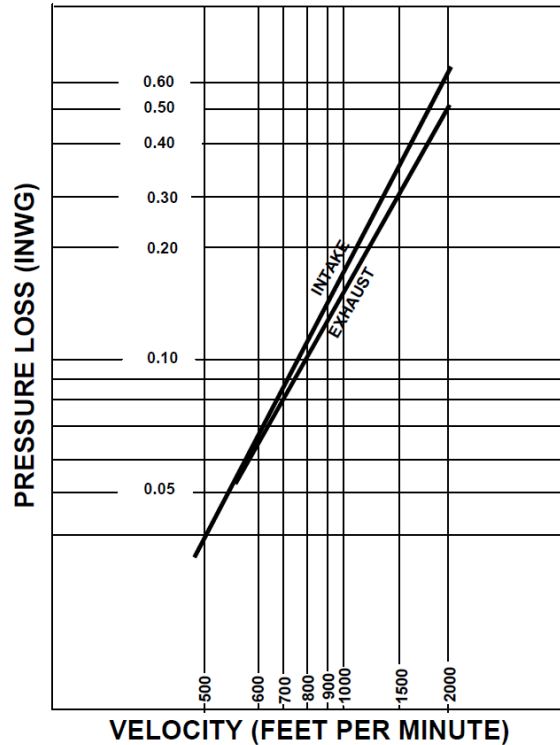
Test on a 48"x48' size louver

MODEL: 2-SRCF

WATER PENETRATION TEST



AIR RESISTANCE TEST



The beginning point of water penetration is 1059 FPM @ 0.01 OZ/SQ.FT. of free area.

Performance testing in accordance with AMCA STD 500

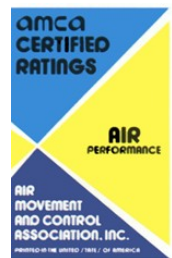
Louver size determination

cfm /	fpm =	ft ²
air flow volume	free area velocity @ beginning point of water penetration	Required Louver Free Area

Select louver size from Free Area Chart below,
based on required louver free area above
Determine pressure drop from Pressure Drop Chart
based on required louver free area above

**FREE AREA IN SQ. FT.
WIDTH**

HEIGHT	12 "	18 "	24 "	30 "	36 "	42 "	48 "	54 "
12 "	0.29	0.57	0.77	0.95	1.10	1.29	1.45	1.62
24 "	0.66	1.22	1.68	2.14	2.60	3.06	3.52	3.98
30 "	0.87	1.58	2.17	2.75	3.35	3.94	4.53	5.12
36 "	1.11	1.93	2.65	3.37	4.09	4.82	5.54	6.26
42 "	1.30	2.28	3.13	3.98	4.84	5.69	6.55	7.40
48 "	1.45	2.74	3.77	4.80	5.83	6.85	7.89	8.91
54 "	1.69	3.09	4.25	5.41	6.57	7.73	8.90	10.05
60 "	1.82	3.49	4.80	6.10	7.41	8.72	10.03	11.34
66 "	2.08	3.84	5.28	6.72	8.16	9.60	11.04	12.48
72 "	2.31	4.19	5.76	7.33	8.91	10.48	12.05	13.62
78 "	2.39	4.54	6.24	7.95	9.65	11.35	13.05	14.76
84 "	2.63	4.89	6.73	8.58	10.40	12.23	14.07	15.90
90 "	2.70	5.40	7.43	9.45	11.48	13.50	15.53	17.55



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