

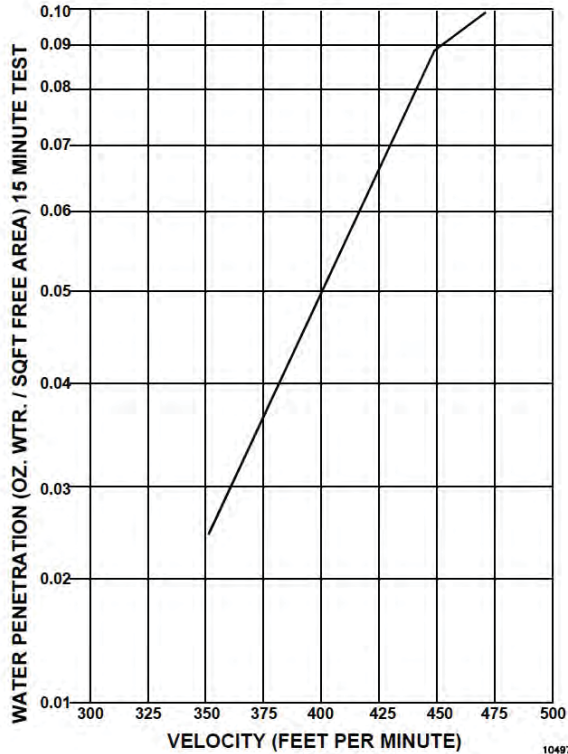


**EXTRUDED ALUMINUM LOUVER**

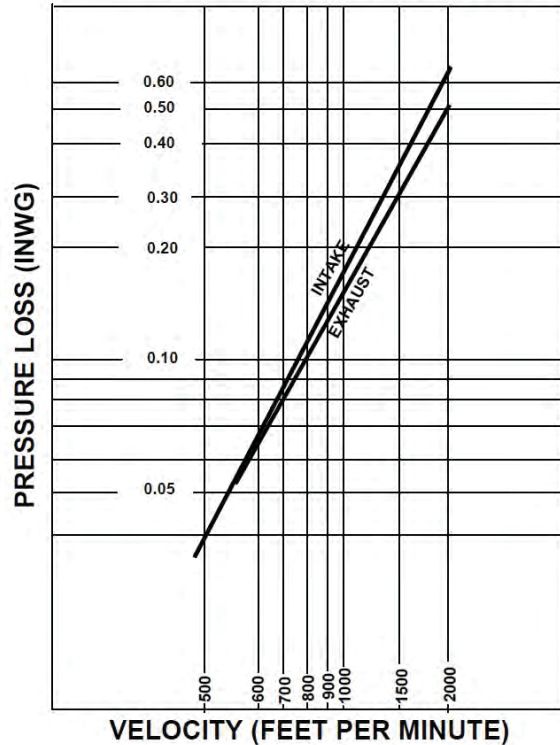
Test on a 48"x48" size louver

**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 <sup>2</sup>
air flow volume	free area velocity @ beginning point of water penetration	Required Louver Free Area
<p>Select louver size from Free Area Chart below, based on required louver free area above</p> <p>Determine pressure drop from Pressure Drop Chart based on required louver free area above</p>		

**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

