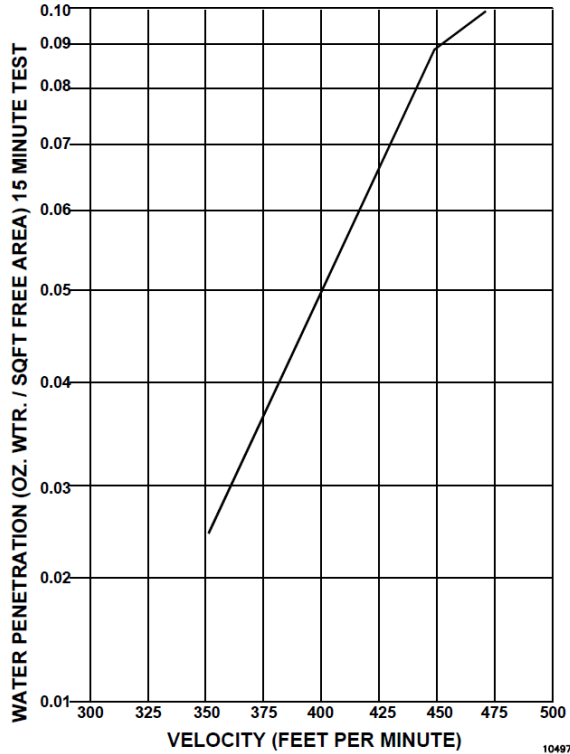




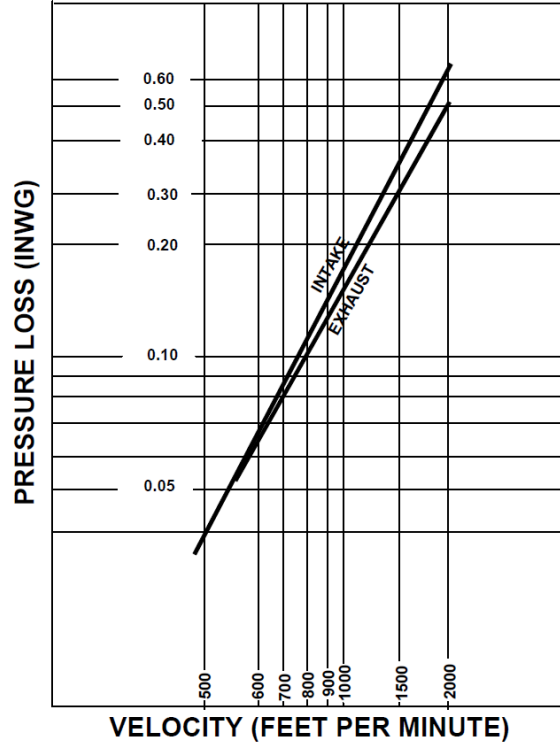
EXTRUDED ALUMINUM LOUVER

Test on a 48"x48' size louver

WATER PENETRATION TEST



**MODEL: 2-SRF
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
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

