

SUGGESTED SPECIFICATION

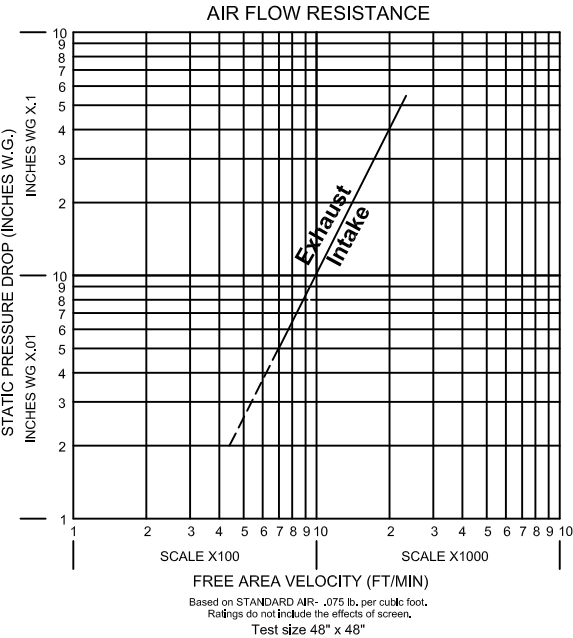
Furnish and install louvers as hereinafter specified where shown on plans or as described in schedules. Louvers shall be adjustable drainable type with drain gutters in each blade and downspouts in jamps and mullions. adjustable drainable blades shall be contained within a 4.25" frame. Louver components (heads, jamps, sills, blades, and mullions) shall be factory assembled by the louver manufacturer. Louver sizes too large for shipping shall be built up by the contractor from factory assembled louver sections to provide overall sizes required. Louver design shall incorporate structural supports required to withstand a wind load of 30 lbs. Per sq. ft. (equivalent of a 110 mph wind).

Louvers shall be CVS #AFL-D-4 6063T6 extruded aluminum construction as follows:  
Frame: 4.25" deep, .081 nominal wall thickness.  
Blades: .081 nominal wall thickness. Drainable.  
Blades are positioned at 37-degree angle and spaced approximately 2.88 center to center.  
Screen: .75" x .051" (19 x 1.3) expanded, flattened aluminum in removable frame.

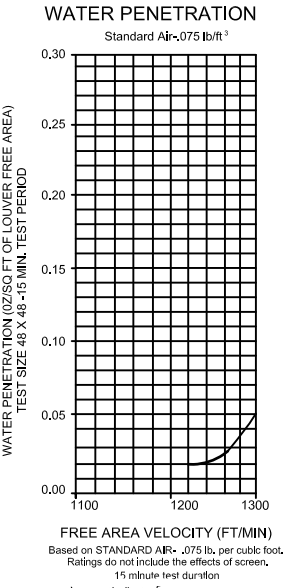
PERFORMANCE DATA

AMCA Standard 500-L provides a reasonable basis for testing and rating louvers. Testing to AMCA 500-L is performed under a certain set of laboratory conditions. This does not guarantee that other conditions will not occur in the actual environment where louvers must operate.

The louver system should be designed with a reasonable safety factor for louver performance. To ensure protection from water carryover, design with a performance level somewhat below maximum desired pressure drop and .01 oz./sq.ft. of water penetration.



FREE AREA CHART (SQUARE FEET)											
Louver Height	Louver Width In Inches										Louver Height
Inches	12	18	24	30	36	42	48	54	60		Inches
12	0.27	0.44	0.60	0.77	0.94	1.10	1.28	1.45	1.61		12
18	0.47	0.77	1.05	1.35	1.64	1.94	2.24	2.52	2.82		18
24	0.68	1.11	1.53	1.96	2.38	2.81	3.23	3.66	4.08		24
30	0.84	1.37	1.89	2.41	2.94	3.47	3.99	4.51	5.04		30
36	1.03	1.67	2.32	2.96	3.60	4.24	4.89	5.53	6.17		36
42	1.25	2.02	2.81	3.59	4.36	5.14	5.92	6.62	7.47		42
48	1.44	2.34	3.23	4.13	5.02	5.92	6.81	7.71	8.61		48
54	1.63	2.65	3.67	4.69	5.71	6.73	7.74	8.76	9.78		54
60	1.84	2.98	4.12	5.26	6.40	7.55	8.69	9.83	10.97		60
66	2.03	3.29	4.56	5.83	6.55	7.10	9.63	10.90	12.16		66
72	2.24	3.62	5.02	6.41	7.80	9.19	10.58	11.98	13.37		72
78	2.42	3.94	5.44	6.95	8.46	9.97	11.48	12.99	14.50		78
84	2.64	4.59	5.93	7.57	9.22	10.86	12.51	14.17	15.82		84
90	2.84	4.61	6.38	8.14	9.91	11.69	13.45	15.22	16.97		90
96	3.04	4.95	6.84	8.75	10.65	12.31	14.44	16.34	18.24		96



Beginning point of WATER PENETRATION  
is  
1217 fpm  
the maximum recommended FREE AREA VELOCITY