

SUGGESTED SPECIFICATION

Furnish and install louvers as hereinafter specified where shown on plans or as described in schedules. Louvers shall be "J" blade style with 45° stationary blades. Stationary blades shall be contained within a 6.20" frame. Louver components (heads, jambs, 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).

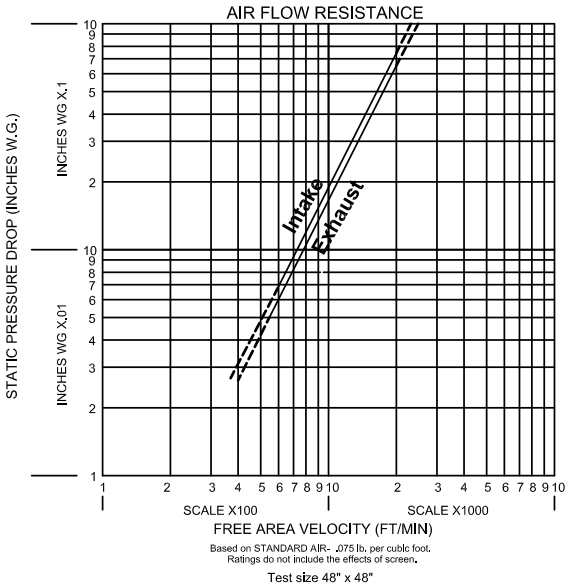
PERFORMANCE DATA

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.

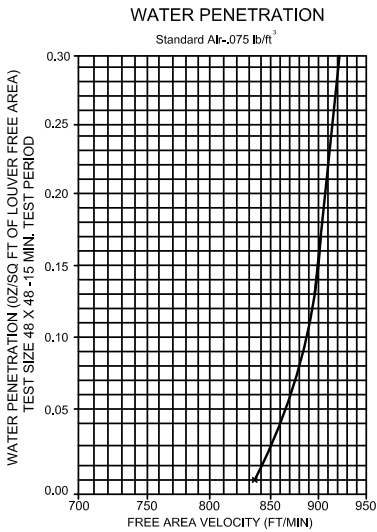
The louver system should be designed with a reasonable safety factor for louver performance. To ensure protection from water carryover, design with a performance level somewhat below maximum desired pressure drop and .01 oz./sq.ft. of water penetration.

Louvers shall be CVS #EL-6 with 6063-T5 extruded aluminum construction as follows:
Frame: 6.20" deep, .081" nominal wall thickness.
Blades: .110" nominal wall thickness. Non-Drainable.
Blades are positioned at 45-degree angle and spaced approximately 4.63" center to center.
Screen: .75" x .051" (19 x 1.3) expanded, flattened aluminum in removable frame.
Finish: Select finish specification from CVS Finishes Brochure.

Published louver performance data bearing the AMCA Certified Ratings Seal for Air Performance & Water Penetration must be submitted for approval prior to fabrication and must demonstrate pressure drop and water penetration equal to or less than the CVS model specified.



Beginning point of WATER PENETRATION
is
834 fpm
free area velocity at .01 oz. of water penetration



EL-6 FREE AREA IN SQ. FT.																					
Louver Height Inches	Width - Inches																				Louver Height Inches
	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120		
12	0.23	0.38	0.52	0.66	0.80	0.95	1.09	1.23	1.38	1.52	1.66	1.81	1.95	2.09	2.24	2.38	2.52	2.67	2.81	12	
18	0.45	0.73	1.01	1.28	1.56	1.84	2.12	2.39	2.67	2.95	3.23	3.50	3.78	4.06	4.34	4.61	4.89	5.17	5.45	18	
24	0.67	1.08	1.49	1.90	2.32	2.73	3.14	3.55	3.96	4.38	4.79	5.20	5.61	6.02	6.44	6.85	7.26	7.67	8.08	24	
30	0.89	1.43	1.98	2.53	3.07	3.62	4.16	4.71	5.26	5.80	6.35	6.90	7.44	7.99	8.53	9.08	9.63	10.17	10.72	30	
36	1.11	1.79	2.47	3.15	3.83	4.51	5.19	5.87	6.55	7.23	7.91	8.59	9.27	9.95	10.63	11.31	12.00	12.68	13.36	36	
42	1.54	2.49	3.44	4.39	5.34	6.29	7.24	8.19	9.14	10.09	11.04	11.99	12.93	13.88	14.83	15.78	16.73	17.68	18.63	42	
48	1.76	2.84	3.93	5.01	6.10	7.18	8.26	9.35	10.43	11.51	12.60	13.68	14.77	15.85	16.93	18.02	19.10	20.18	21.27	48	
54	1.98	3.20	4.42	5.63	6.85	8.07	9.29	10.51	11.72	12.94	14.16	15.38	16.60	17.81	19.03	20.25	21.47	22.69	23.91	54	
60	2.20	3.55	4.90	6.26	7.61	8.96	10.31	11.67	13.02	14.37	15.72	17.07	18.43	19.78	21.13	22.48	23.84	25.19	26.54	60	
66	2.42	3.90	5.39	6.88	8.36	9.85	11.34	12.82	14.31	15.80	17.28	18.77	20.26	21.75	23.23	24.72	26.21	27.69	29.18	66	
72	2.63	4.26	5.88	7.50	9.12	10.74	12.36	13.98	15.60	17.23	18.85	20.47	22.09	23.71	25.33	26.95	28.57	30.20	31.82	72	
78	2.85	4.61	6.36	8.12	9.88	11.63	13.39	15.14	16.90	18.65	20.41	22.16	23.92	25.68	27.43	29.19	30.94	32.70	34.45	78	
84	3.29	5.31	7.34	9.36	11.39	13.41	15.44	17.46	19.48	21.51	23.53	25.56	27.58	29.61	31.63	33.65	35.68	37.70	39.73	84	
90	3.51	5.67	7.83	9.98	12.14	14.30	16.46	18.62	20.78	22.94	25.10	27.25	29.41	31.57	33.73	35.89	38.05	40.21	42.36	90	
96	3.73	6.02	8.31	10.61	12.90	15.19	17.48	19.78	22.07	24.36	26.66	28.95	31.24	33.54	35.83	38.12	40.42	42.71	45.00	96	
102	3.94	6.37	8.80	11.23	13.65	16.08	18.51	20.94	23.36	25.79	28.22	30.65	33.07	35.50	37.93	40.36	42.78	45.21	47.64	102	
108	4.16	6.72	9.29	11.85	14.41	16.97	19.53	22.10	24.66	27.22	29.78	32.34	34.91	37.47	40.03	42.59	45.15	47.71	50.28	108	
114	4.38	7.08	9.77	12.47	15.17	17.86	20.56	23.25	25.95	28.65	31.34	34.04	36.74	39.43	42.13	44.82	47.52	50.22	52.91	114	
120	4.60	7.43	10.26	13.09	15.92	18.75	21.58	24.41	27.24	30.08	32.91	35.74	38.57	41.40	44.23	47.06	49.89	52.72	55.55	120	