

LOUVER FREE AREA - MODEL L - SQ. FT.												
		WIDTH - INCH										
		12	18	24	30	36	42	48	54	60	66	72
HEIGHT - INCH	12	0.24	0.39	0.54	0.69	0.84	0.99	1.13	1.28	1.43	1.58	1.73
	16	0.38	0.61	0.84	1.06	1.29	1.52	1.75	1.98	2.21	2.44	2.67
	20	0.51	0.82	1.13	1.44	1.75	2.06	2.37	2.68	2.99	3.30	3.61
	24	0.64	1.03	1.42	1.81	2.21	2.60	2.99	3.38	3.77	4.16	4.55
	28	0.78	1.25	1.72	2.19	2.66	3.13	3.60	4.08	4.55	5.02	5.49
	32	0.91	1.46	2.01	2.56	3.12	3.67	4.22	4.77	5.33	5.88	6.43
	36	1.05	1.69	2.33	2.96	3.60	4.24	4.88	5.52	6.15	6.79	7.43
	40	1.20	1.93	2.66	3.39	4.12	4.85	5.58	6.30	7.03	7.76	8.49
	44	1.35	2.17	2.99	3.81	4.63	5.45	6.27	7.09	7.91	8.73	9.55
	48	1.50	2.41	3.32	4.23	5.15	6.06	6.97	7.88	8.79	9.70	10.61
	52	1.65	2.65	3.66	4.66	5.66	6.66	7.67	8.67	9.67	10.67	11.68
	56	1.80	2.89	3.99	5.08	6.18	7.27	8.36	9.46	10.55	11.64	12.74
	60	1.95	3.14	4.32	5.50	6.69	7.87	9.06	10.24	11.43	12.61	13.80
	64	2.10	3.38	4.65	5.93	7.20	8.48	9.76	11.03	12.31	13.58	14.86
	68	2.25	3.61	4.98	6.34	7.70	9.07	10.43	11.80	13.16	14.53	15.89
	72	2.38	3.82	5.27	6.71	8.16	9.61	11.05	12.50	13.94	15.39	16.83
	76	2.51	4.04	5.56	7.09	8.62	10.14	11.67	13.19	14.72	16.25	17.77
	80	2.64	4.25	5.86	7.46	9.07	10.68	12.29	13.89	15.50	17.11	18.71
84	2.78	4.46	6.15	7.84	9.53	11.21	12.90	14.59	16.28	17.96	19.65	
88	2.91	4.68	6.45	8.21	9.98	11.75	13.52	15.29	17.06	18.82	20.59	
92	3.04	4.89	6.74	8.59	10.44	12.29	14.14	15.99	17.83	19.68	21.53	
96	3.18	5.11	7.04	8.97	10.89	12.82	14.75	16.68	18.61	20.54	22.47	

SELECTION CRITERIA & PERFORMANCE CALCULATIONS:

REQUIRED FREE AREA, SQ. FT. = C.F.M. / DESIRED INTAKE AREA VELOCITY, F.P.M.

INTAKE AREA VELOCITY, F.P.M. = C.F.M. / LOUVER FREE AREA, SQ. FT.

LOUVER FREE AREA - MODEL DL - SQ. FT.												
		WIDTH - INCH										
		12	18	24	30	36	42	48	54	60	66	72
HEIGHT - INCH	12	0.24	0.38	0.53	0.67	0.82	0.96	1.11	1.25	1.39	1.54	1.68
	16	0.37	0.59	0.81	1.03	1.25	1.47	1.69	1.92	2.14	2.36	2.58
	20	0.49	0.79	1.09	1.39	1.69	1.98	2.28	2.58	2.88	3.18	3.47
	24	0.62	0.99	1.37	1.74	2.12	2.49	2.87	3.24	3.62	3.99	4.37
	28	0.75	1.20	1.65	2.10	2.55	3.01	3.46	3.91	4.36	4.81	5.26
	32	0.87	1.40	1.93	2.46	2.99	3.52	4.05	4.57	5.10	5.63	6.16
	36	1.01	1.62	2.23	2.84	3.45	4.06	4.67	5.28	5.89	6.51	7.12
	40	1.15	1.85	2.55	3.25	3.94	4.64	5.34	6.04	6.74	7.43	8.13
	44	1.30	2.08	2.87	3.65	4.44	5.22	6.01	6.79	7.58	8.36	9.15
	48	1.44	2.31	3.19	4.06	4.93	5.80	6.68	7.55	8.42	9.29	10.17
	52	1.58	2.54	3.50	4.46	5.42	6.38	7.34	8.30	9.26	10.22	11.18
	56	1.73	2.78	3.82	4.87	5.92	6.96	8.01	9.06	10.10	11.15	12.20
	60	1.87	3.01	4.14	5.28	6.41	7.54	8.68	9.81	10.95	12.08	13.22
	64	2.02	3.24	4.46	5.68	6.90	8.12	9.35	10.57	11.79	13.01	14.23
	68	2.16	3.47	4.78	6.09	7.40	8.70	10.01	11.32	12.63	13.94	15.25
	72	2.29	3.68	5.06	6.45	7.84	9.22	10.61	12.00	13.38	14.77	16.16
	76	2.42	3.88	5.34	6.81	8.27	9.74	11.20	12.66	14.13	15.59	17.05
	80	2.54	4.08	5.62	7.17	8.71	10.25	11.79	13.33	14.87	16.41	17.95
84	2.67	4.29	5.91	7.52	9.14	10.76	12.37	13.99	15.61	17.23	18.84	
88	2.80	4.49	6.19	7.88	9.57	11.27	12.96	14.66	16.35	18.05	19.74	
92	2.92	4.70	6.47	8.24	10.01	11.78	13.55	15.32	17.09	18.86	20.63	
96	3.05	4.90	6.75	8.59	10.44	12.29	14.14	15.99	17.83	19.68	21.53	

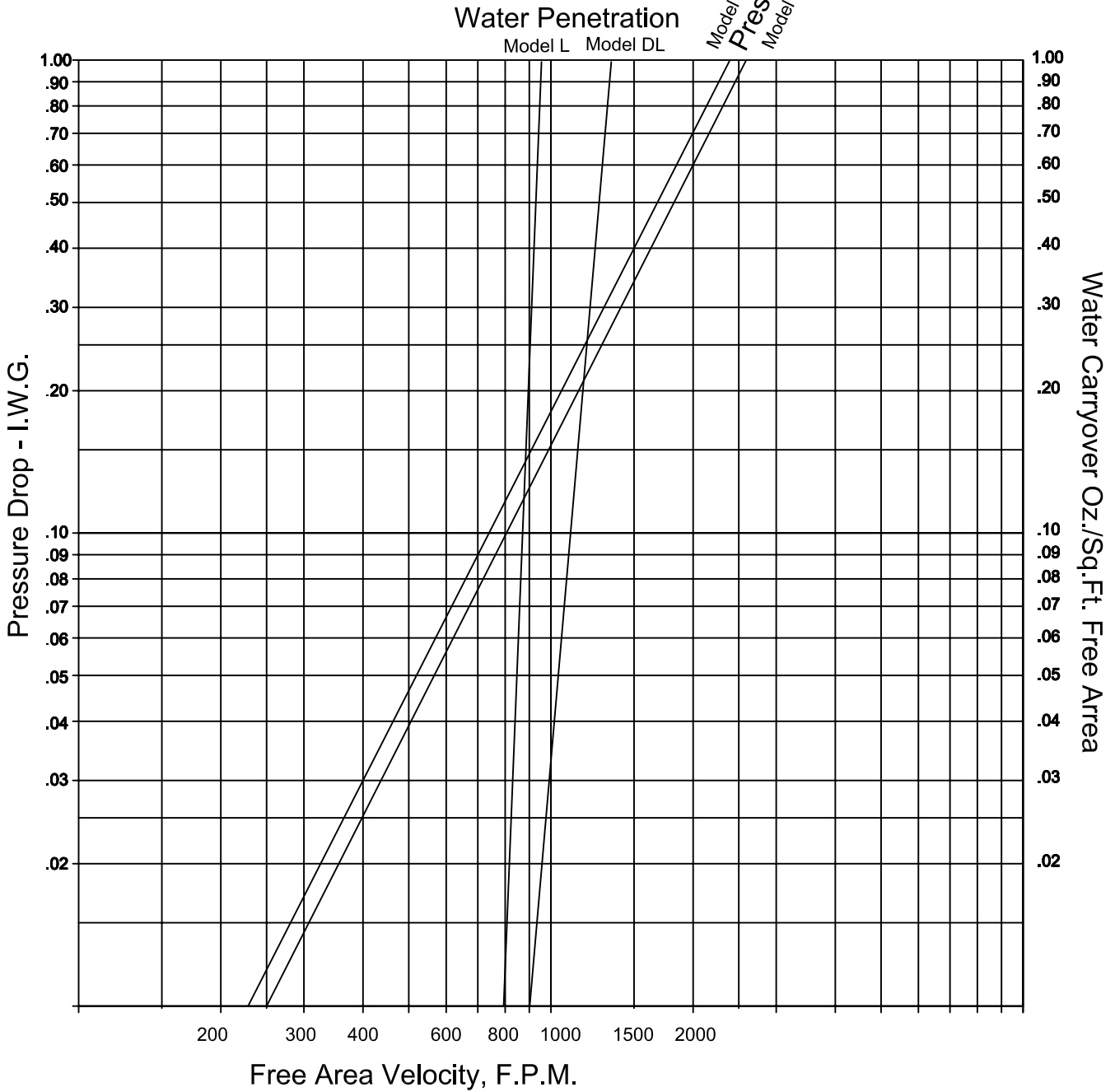


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LOUVER INTAKE AIR FLOW PRESSURE DROP & WATER PENETRATION

Louvers tested in accordance with AMCA Standard 400.
 Tests performed by AMCA. Performance shown excludes effects of birdscreen.



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