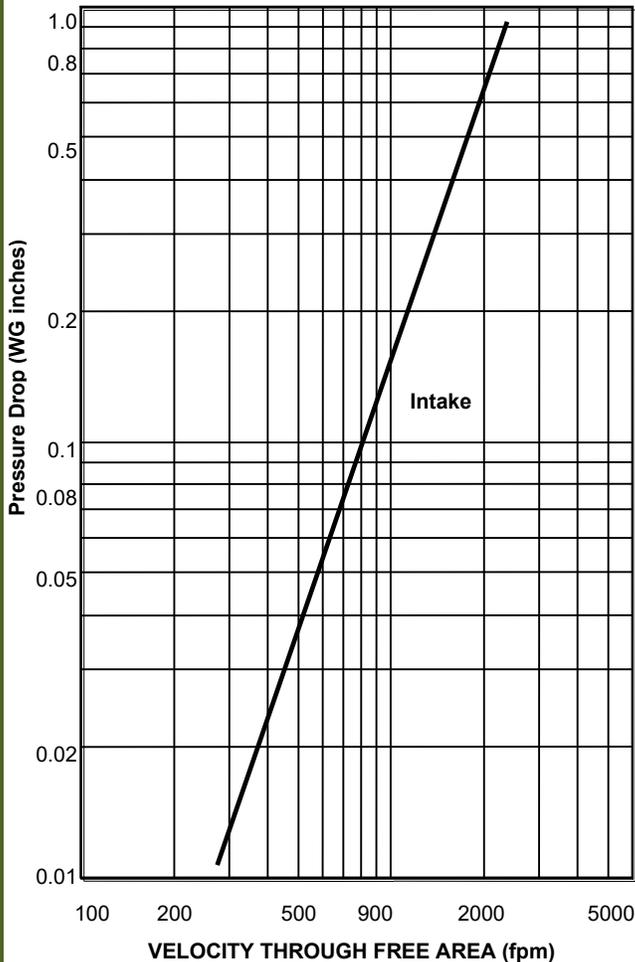


Free Area Calculations (sq. ft.)

		W I D T H (inches)														
		12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
H E I G H T (inches)	12	0.33	0.53	0.72	0.92	1.11	1.31	1.50	1.70	1.89	2.09	2.28	2.48	2.67	2.87	3.06
	18	0.58	0.92	1.26	1.60	1.94	2.29	2.63	2.97	3.31	3.65	4.00	4.34	4.68	5.02	5.36
	24	0.88	1.40	1.93	2.45	2.98	3.50	4.03	4.55	5.07	5.60	6.12	6.65	7.17	7.70	8.22
	30	1.16	1.85	2.55	3.24	3.93	4.63	5.32	6.01	6.71	7.40	8.09	8.79	9.48	10.17	10.86
	36	1.41	2.25	3.09	3.93	4.77	5.61	6.45	7.29	8.13	8.97	9.81	10.65	11.49	12.33	13.17
	42	1.67	2.67	3.67	4.68	5.68	6.68	7.68	8.68	9.68	10.68	11.68	12.68	13.68	14.68	15.68
	48	1.99	3.18	4.37	5.56	6.76	7.95	9.05	10.33	11.52	12.71	13.90	15.09	16.29	17.48	18.67
	54	2.24	3.57	4.91	6.25	7.59	8.93	10.27	11.60	12.94	14.28	15.62	16.96	18.29	19.63	20.97
	60	2.48	3.97	5.45	6.94	8.42	9.91	11.39	12.88	14.36	15.85	17.33	18.82	20.30	21.79	23.27
	66	2.78	4.45	6.12	7.79	9.45	11.12	12.79	14.46	16.13	17.79	19.46	21.13	22.80	24.46	26.13
	72	3.07	4.90	6.74	8.57	10.41	12.25	14.08	15.92	17.76	19.59	21.43	23.27	25.10	26.94	28.78
	78	3.31	5.29	7.28	9.26	11.24	13.23	15.21	17.19	19.18	21.16	23.14	25.13	27.11	29.09	31.08
	84	3.58	5.72	7.87	10.01	12.15	14.30	16.44	18.59	20.73	22.87	25.02	27.16	29.31	31.45	33.59
	90	3.90	6.23	8.56	10.90	13.23	15.57	17.90	20.24	22.57	24.91	27.24	29.58	31.91	34.24	36.58
96	4.14	6.62	9.10	11.59	14.07	16.55	19.03	21.51	23.99	26.47	28.96	31.44	33.92	36.40	38.88	
102	4.39	7.01	9.64	12.27	14.90	17.53	20.16	22.79	25.41	28.04	30.67	33.30	35.93	38.56	41.18	
108	4.69	7.50	10.31	13.12	15.93	18.74	21.56	24.37	27.18	29.99	32.80	35.61	38.42	41.23	44.04	
114	4.97	7.95	10.93	13.91	16.89	19.87	22.85	25.83	28.81	31.79	34.77	37.75	40.73	43.71	46.69	
120	5.22	8.34	11.47	14.60	17.72	20.85	23.98	27.10	30.23	33.36	36.48	39.61	42.74	45.86	48.99	

Air Performance



- ◆ To determine the pressure drop of a louver:
 Calculate the Velocity thru free area; divide the required CFM (volume of air) by the required free area above chart. The pressure drop is expressed in (inches w.g.)
- ◆ To determine the minimum free area required for louver:
 Divide the required CFM (volume of air) by the free area velocity before water penetration, then select the most desirable louver size from the free area chart above.
- ◆ To determine the maximum CFM (volume), knowing the louver size:
 Multiply the required free area (see above free area chart) by maximum velocity thru free area.

