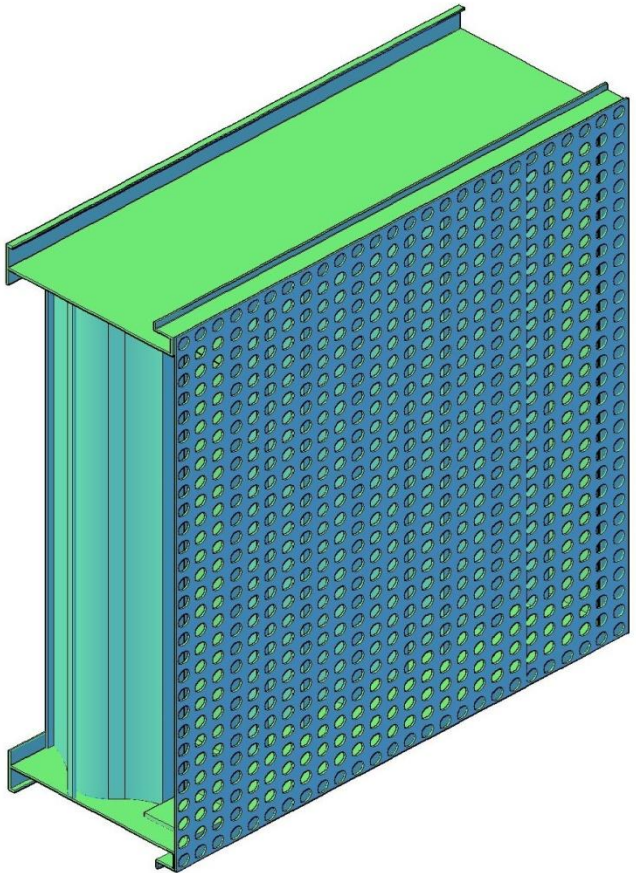
Air Flow Company, Inc.
850 W. Fullerton Ave. • Addison, IL. 60101
Tel (630) 628-1138 Fax (630) 628-1149

EA-7545V

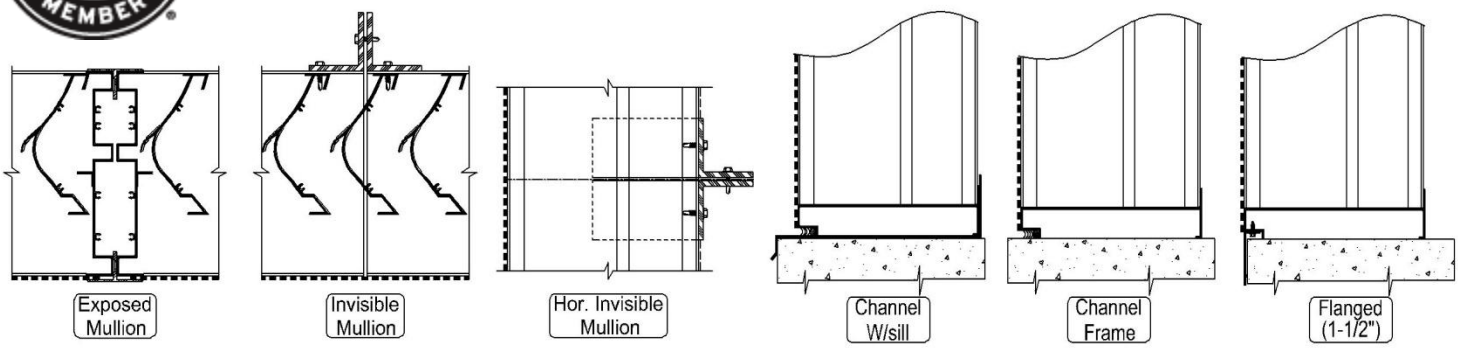
7" Vertical Wind Driven, Sight Proof Louver W/Perforated Panel

Standard Louver Construction		
✓	**Frame**	Channel
✓	**Frame Thickness**	.081" extruded aluminum 6063-T5
✓	**Blades Thickness**	.081" extruded aluminum 6063-T5
✓	**Blade Positioning**	2-½" spacing center to center
✓	**Fasteners**	3/16" plated steel screw
✓	**Screen**	.050" x ¾" expanded aluminum without frame
✓	**Finish**	Mill
✓	**Undersized**	¼" under opening sizes
✓	**Mullions**	Invisible
✓	**Minimum Size**	12" x 12"
✓	**Maximum Single Section**	120" x 84" or 84" x 120

Optional Construction						
	Frames		Channel .125" extruded aluminum 6063-T5			
	Blades		.125" extruded aluminum 6063-T5			
	Fasteners		Welded Construction			
			Stainless Steel Fasteners			
	Screen		.063" x ½" wire mesh Bird Screen			
			18 x 16 Insect screen			
	Finish		Prime coat			
			Baked enamel			
			Powder coat			
			Kynar 500		2 Coat	3 Coat
			Anodized		Clear	Color
	Mullions		Visible			
	Frame Accessories		Flange			
			Pan			
			Extended sill			



Air Flow Model EA-7545v. The ratings shown are based on tests & Procedures Made in accordance with AMCA standard 500-L. The actual test results of water penetration & air performance may vary (+/-10%) depending on the actual application. Free area calculations are (+/-5%)



Louver Schedule

Item	Qty	Opening Size (W x H)	Notes		
				Project:	
				Location:	
				Arch/Eng:	
				Customer:	

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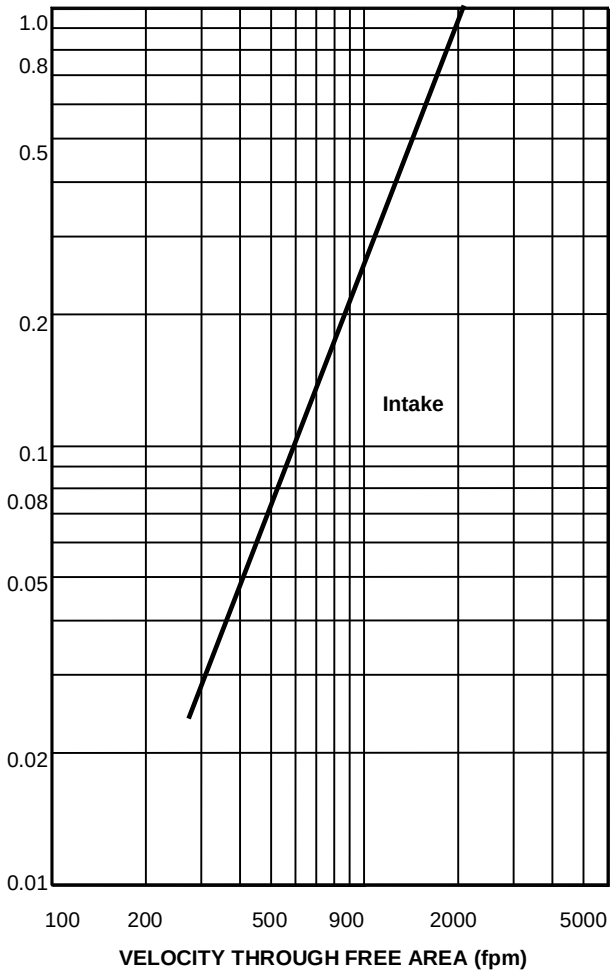
Free Area Calculations (Sq. Ft.)

HEIGHT (Inches) \ WIDTH (Inches)	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96
12	0.23	0.36	0.50	0.63	0.77	0.90	1.03	1.17	1.30	1.44	1.57	1.70	1.84	1.97	2.11
18	0.45	0.72	0.99	1.26	1.53	1.79	2.06	2.33	2.60	2.87	3.14	3.40	3.67	3.94	4.21
24	0.68	1.08	1.48	1.88	2.29	2.69	3.09	3.49	3.90	4.30	4.70	5.10	5.51	5.91	6.31
30	0.90	1.44	1.97	2.51	3.05	3.58	4.12	4.66	5.19	5.73	6.27	6.80	7.34	7.88	8.41
36	1.12	1.79	2.46	3.14	3.81	4.48	5.15	5.82	6.49	7.16	7.83	8.50	9.17	9.84	10.51
42	1.35	2.15	2.96	3.76	4.57	5.37	6.18	6.98	7.79	8.59	9.40	10.20	11.01	11.81	12.62
48	1.57	2.51	3.45	4.39	5.33	6.27	7.21	8.14	9.08	10.02	10.96	11.90	12.84	13.78	14.72
54	1.79	2.87	3.94	5.01	6.09	7.16	8.23	9.31	10.38	11.45	12.53	13.60	14.67	15.75	16.82
60	2.02	3.22	4.43	5.64	6.85	8.05	9.26	10.47	11.68	12.88	14.09	15.30	16.51	17.71	18.92
66	2.24	3.58	4.92	6.27	7.61	8.95	10.29	11.63	12.97	14.32	15.66	17.00	18.34	19.68	21.02
72	2.46	3.94	5.42	6.89	8.37	9.84	11.32	12.80	14.27	15.75	17.22	18.70	20.17	21.65	23.13
78	2.69	4.30	5.91	7.52	9.13	10.74	12.35	13.96	15.57	17.18	18.79	20.40	22.01	23.62	25.23
84	2.91	4.66	6.40	8.14	9.89	11.63	13.38	15.12	16.87	18.61	20.35	22.10	23.84	25.59	27.33
90	3.14	5.01	6.89	8.77	10.65	12.53	14.41	16.28	18.16	20.04	21.92	23.80	25.68	27.55	29.43
96	3.36	5.37	7.38	9.40	11.41	13.42	15.43	17.45	19.46	21.47	23.48	25.50	27.51	29.52	31.53
102	3.58	5.73	7.88	10.02	12.17	14.32	16.46	18.61	20.76	22.90	25.05	27.20	29.34	31.49	33.64
108	3.81	6.09	8.37	10.65	12.93	15.21	17.49	19.77	22.05	24.33	26.61	28.90	31.18	33.46	35.74
114	4.03	6.44	8.86	11.27	13.69	16.10	18.52	20.93	23.35	25.76	28.18	30.59	33.01	35.42	37.84
120	4.25	6.80	9.35	11.90	14.45	17.00	19.55	22.10	24.65	27.20	29.75	32.29	34.84	37.39	39.94

Air Performance



1m x 1m Test Size	29 mph Wind Velocity @ 3 in./hr. Rainfall Rate	
Core Velocity	Water Pen. Effectiveness	Water Pen. Classification
0 fpm	-	A
99 fpm	-	A
195 fpm	-	A
295 fpm	99.6	A
390 fpm	99.6	A
490 fpm	99.5	A
590 fpm	99.2	A
691 fpm	99.1	A

Wind Driven Rain Penetration Classes	
Class	Effectiveness
A	1 to 0.99
B	0.989 to 0.95
C	0.949 to 0.80
D	Below 0.80