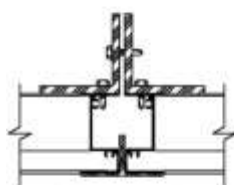
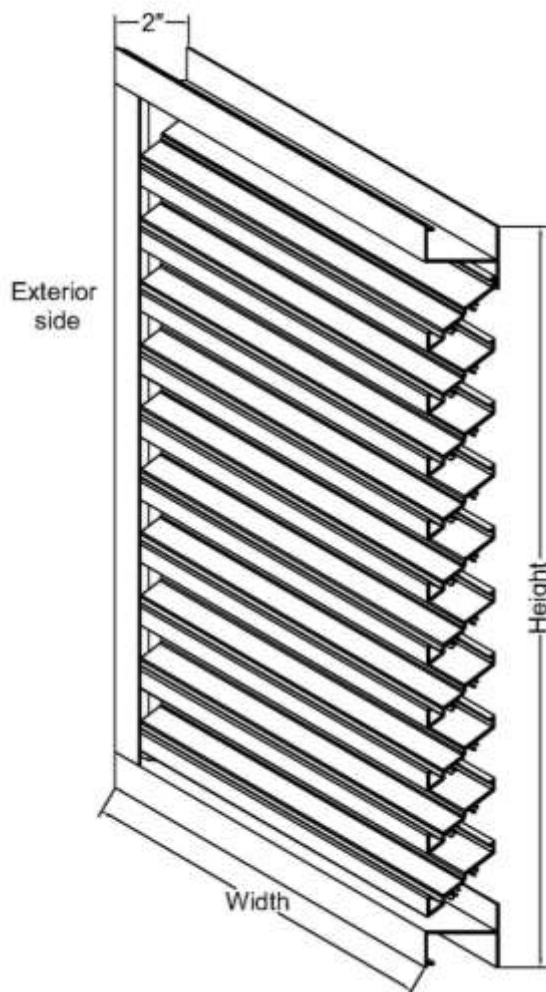


Standard Louver Construction

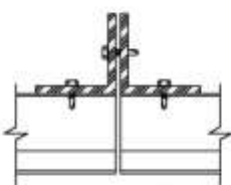
✓ Frame	Channel
✓ Frame Thickness	.063" extruded aluminum 6063-T5
✓ Blades Thickness	.063" extruded aluminum 6063-T5
✓ Blade Positioning	37° angle
✓ Fasteners	3/16" plated steel screw
✓ Screen	.050" x 3/4" expanded aluminum without frame
✓ Finish	Mill
✓ Undersized	1/4" under opening sizes
✓ Mullions	Invisible
✓ Minimum Size	12" x 12"
✓ Maximum Single Section	120" x 84" or 84" x 120"

Optional Construction

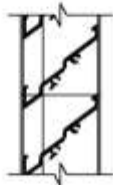
Frames	N/A
Blades	N/A
Fasteners	Welded Construction Stainless Steel Fasteners
Screen	.063" x 1/2" wire mesh Bird Screen 18 x 16 Insect screen in Frame
Finish	Prime coat Baked enamel Powder coat Kynar 500 2 Coat 3 Coat Anodized Clear Color
Mullions	Visible
Frame Accessories	Flange Pan Extended sill



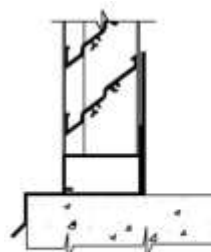
Exposed
Mullion



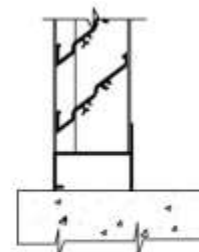
Invisible
Mullion



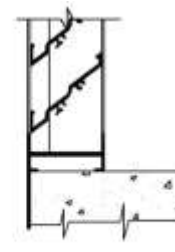
Hor. Invisible
Mullion



Channel
W/sill



Channel
Frame



Flanged
(1-1/2")

Louver Schedule

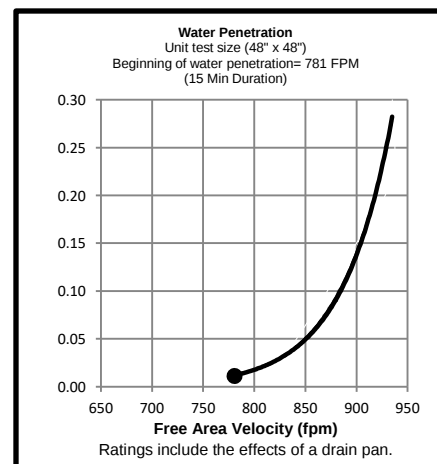
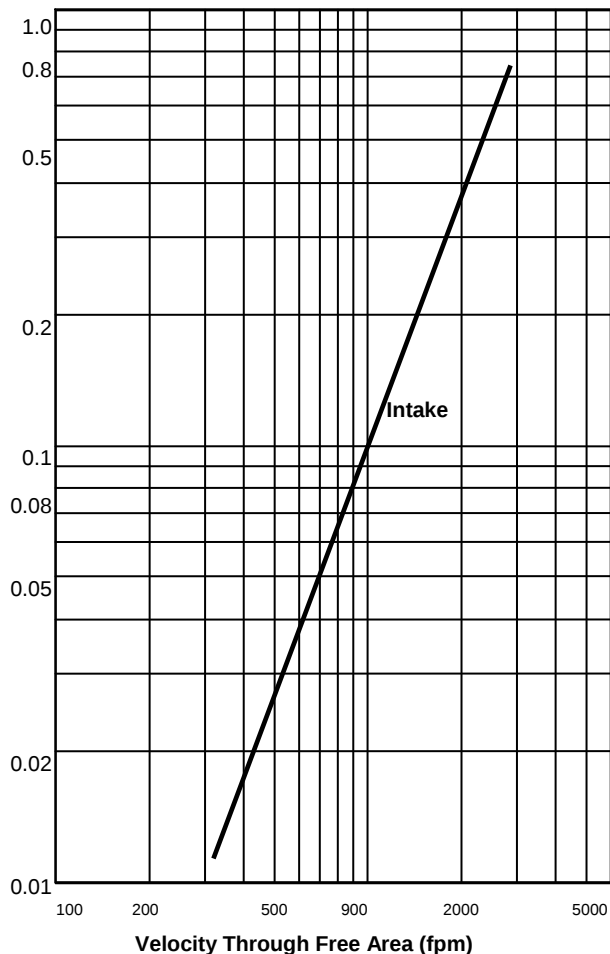
Item	Qty	Opening Size (W x H)	Notes	Project:	
				Location:	
				Arch/Eng:	
				Customer:	

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	0.43	0.54	0.73	0.93	1.12	1.32	1.51	1.71	1.90	2.10	2.29	2.49	2.68	2.88	3.07
	18	0.60	0.81	1.10	1.39	1.68	1.98	2.27	2.56	2.85	3.15	3.44	3.73	4.03	4.32	4.61
	24	0.95	1.34	1.83	2.32	2.81	3.29	3.78	4.27	4.76	5.25	5.73	6.22	6.71	7.20	7.69
	30	1.29	1.88	2.56	3.24	3.93	4.61	5.29	5.98	6.66	7.34	8.03	8.71	9.39	10.08	10.76
	36	1.63	2.42	3.29	4.17	5.05	5.93	6.81	7.69	8.56	9.44	10.32	11.20	12.08	12.96	13.83
	42	1.80	2.68	3.66	4.64	5.61	6.59	7.56	8.54	9.52	10.49	11.47	12.44	13.42	14.40	15.37
	48	2.14	3.22	4.39	5.56	6.73	7.91	9.08	10.25	11.42	12.59	13.76	14.93	16.10	17.27	18.45
	54	2.48	3.76	5.12	6.49	7.86	9.22	10.59	11.96	13.32	14.69	16.05	17.42	18.79	20.15	21.52
	60	2.65	4.03	5.49	6.95	8.42	9.88	11.35	12.81	14.27	15.74	17.20	18.66	20.13	21.59	23.06
	66	2.99	4.56	6.22	7.88	9.54	11.20	12.86	14.52	16.18	17.84	19.49	21.15	22.81	24.47	26.13
	72	3.34	5.10	6.95	8.81	10.66	12.52	14.37	16.22	18.08	19.93	21.79	23.64	25.50	27.35	29.20
	78	3.68	5.64	7.69	9.73	11.78	13.83	15.88	17.93	19.98	22.03	24.08	26.13	28.18	30.23	32.28
	84	3.85	5.90	8.05	10.20	12.35	14.49	16.64	18.79	20.93	23.08	25.23	27.38	29.52	31.67	33.82
	90	4.19	6.44	8.78	11.13	13.47	15.81	18.15	20.49	22.84	25.18	27.52	29.86	32.21	34.55	36.89
	96	4.53	6.98	9.52	12.05	14.59	17.13	19.67	22.20	24.74	27.28	29.81	32.35	34.89	37.43	39.96
	102	4.70	7.25	9.88	12.52	15.15	17.79	20.42	23.06	25.69	28.33	30.96	33.60	36.23	38.87	41.50
108	5.04	7.78	10.61	13.44	16.27	19.10	21.93	24.76	27.59	30.42	33.26	36.09	38.92	41.75	44.58	
114	5.39	8.32	11.35	14.37	17.40	20.42	23.45	26.47	29.50	32.52	35.55	38.57	41.60	44.62	47.65	
120	5.73	8.86	12.08	15.30	18.52	21.74	24.96	28.18	31.40	34.62	37.84	41.06	44.28	47.50	50.72	

Air Performance

Unit test size (48" x 48")
Airflow rate at standard air density
and the AMCA figure 5.5



- ♦ 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 chart above. 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, and 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 free area chart above) by maximum velocity thru free area.