

STANDARD MATERIALS AND CONSTRUCTION

FRAME: 14-GA aluminum.

BLADE: 16-GA aluminum Airfoil exterior with 22-GA perforated aluminum interior surface.

INSULATION: Eco-Sound insulation.

SCREEN: ½" sq. mesh, aluminum (.051")

FINISH: Mill.

OPTIONS

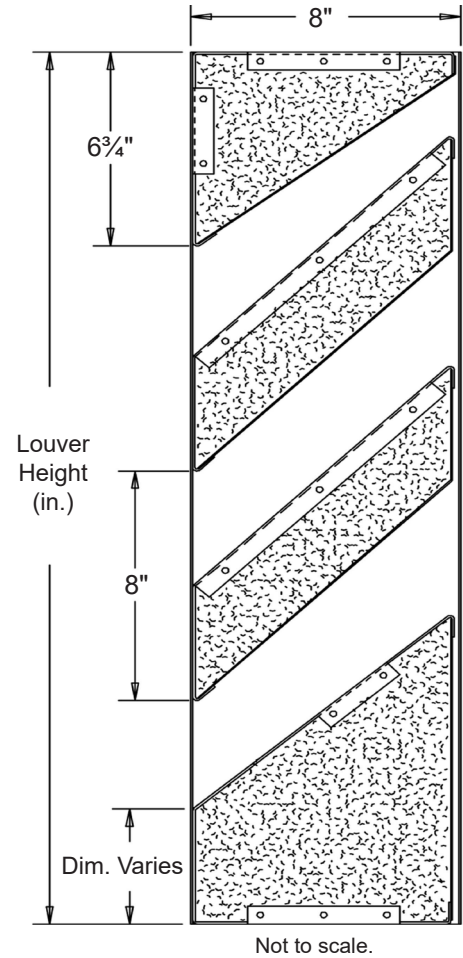
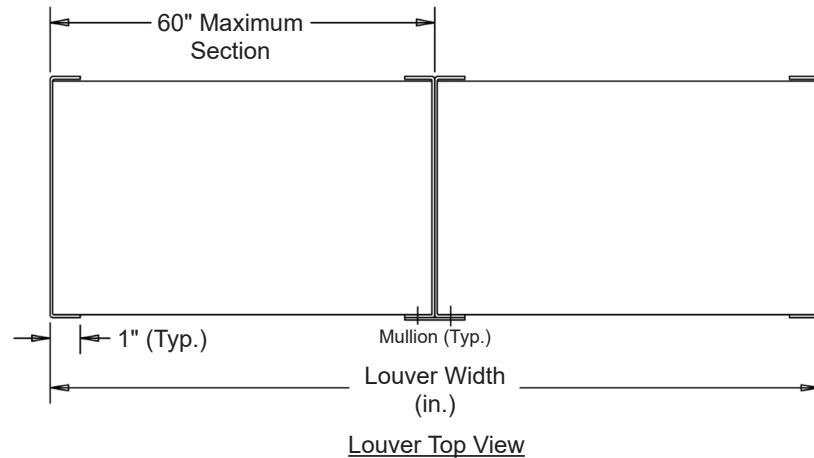
Finish - Baked Enamel, Kynar, Anodize


NOTES

1. Nominal deductions will be made to the opening size given.

LOUVER SIZES

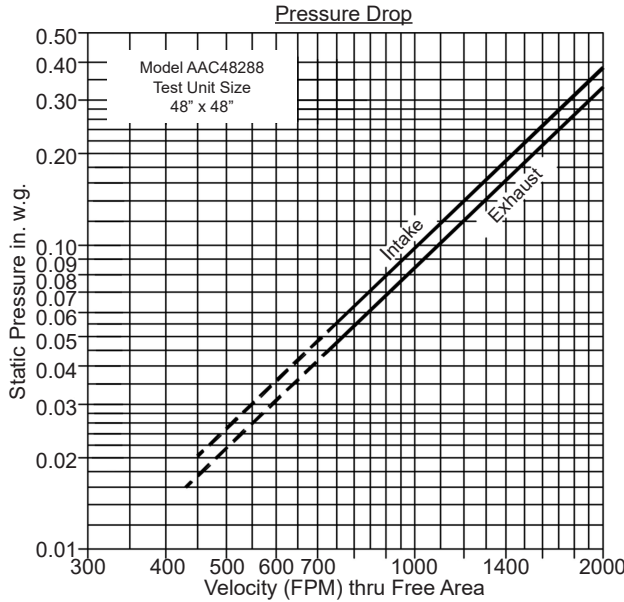
Min Panel	Max Single Panel
12"W x 24"H	60"W x 96"H



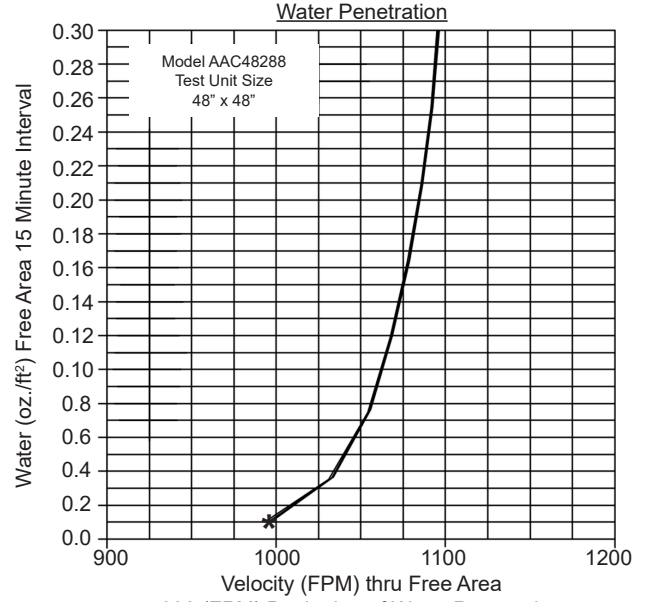
Item #	Qty	Width	Height	Width	Height	Mullion	Type	Location												
		Opening Size		Louver Size																
Arch. / Eng. :						EDR:		ECN:		Job:										
Contractor:																				
Project:						Date:		DWN:		DWG:										

PERFORMANCE DATA

Ratings do not include effects of a screen.



Intake air converted to standard air density.
Tested to AMCA Standard 500-L, Figure 5.5.



Transmission Loss

Octave Band	1	2	3	4	5	6	7	8
Frequency (Hz)	63	125	250	500	1000	2000	4000	8000
Sound Transmission Loss (db)	6	6	3	8	14	14	11	11
Free Field Noise Reduction	12	12	9	14	20	20	17	17

Attenuation

Octave Band Center Frequency (Hz)

Distance from Louver (ft)	Octave Band Center Frequency (Hz)							
	1 / 63	2 / 125	3 / 250	4 / 500	5 / 1000	6 / 2000	7 / 4000	8 / 8000
0'	12	12	9	14	20	20	17	17
24'	24	24	21	26	32	32	29	29
50'	40	39	37	40	46	46	43	43
100'	44	44	41	46	52	52	49	49
200'	50	50	47	52	58	58	55	55
500'	58	58	55	60	66	66	63	63
1000'	64	64	61	66	72	72	69	69

Attenuation chart is a combination of the Model AAC48288 sound transmission loss and the reduction of sound energy as a function of distance.

Free Area (sq. ft.)

		Width (in.)							
		12"	24"	30"	36"	42"	48"	54"	60"
Height (in.)	24"	.31	.69	.88	1.08	1.27	1.46	1.66	1.85
	36"	.66	1.50	1.92	2.34	2.76	3.18	3.60	4.02
	48"	.84	1.90	2.43	2.97	3.50	4.03	4.56	5.09
	60"	1.20	2.72	3.48	4.24	4.99	5.75	6.51	7.27
	72"	1.38	3.12	4.00	4.87	5.74	6.61	7.48	8.36
	84"	1.74	3.93	5.03	6.13	7.23	8.33	9.43	10.52
96"	1.92	4.34	5.55	6.76	7.97	9.18	10.39	11.61	