

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

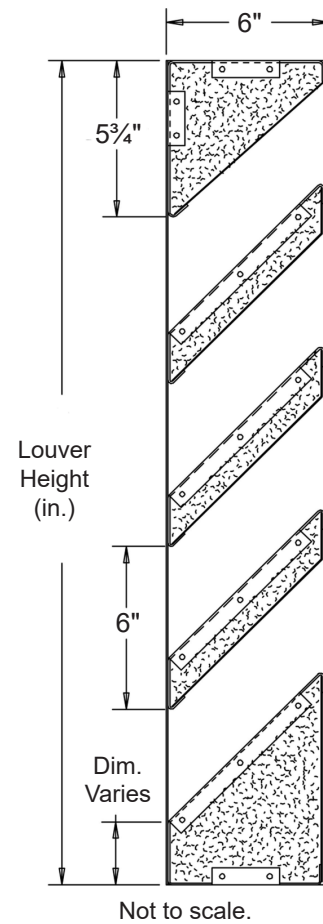
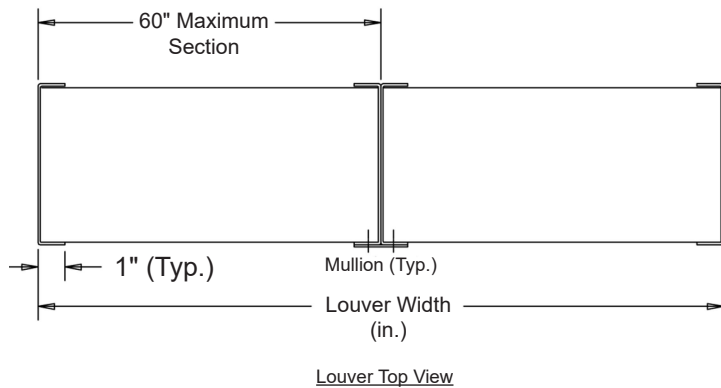
Finish - Baked Enamel, Kynar, Anodize


NOTES

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

LOUVER SIZES

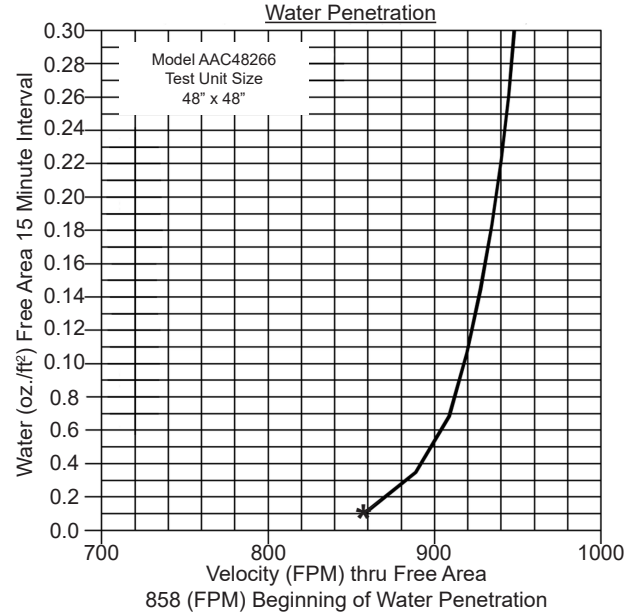
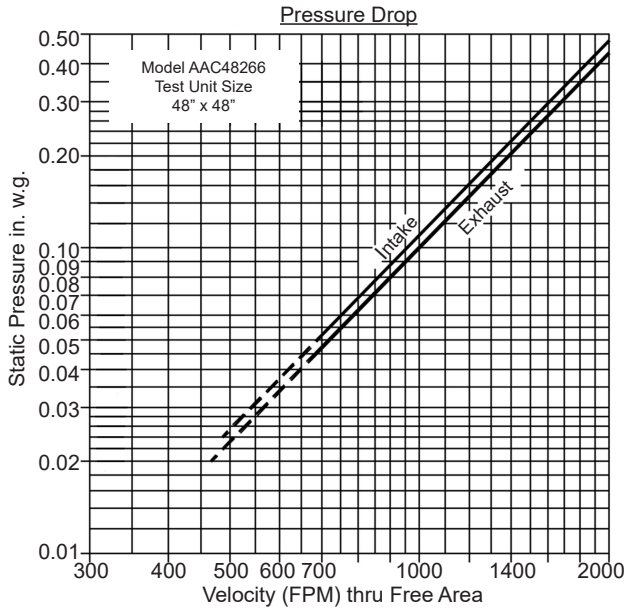
Min Panel	Max Single Panel
12"W x 24"H	60"W x 96"H



													
Item #	Qty	Width	Height	Width	Height	Mullion	Type	Location					
		Opening Size		Louver Size			Screens						Union Made
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)	4	4	2	4	8	12	8	9
Free Field Noise Reduction	10	10	8	10	14	18	14	15

Attenuation
Octave Band Center Frequency (Hz)

	1 / 63	2 / 125	3 / 250	4 / 500	5 / 1000	6 / 2000	7 / 4000	8 / 8000
0'	10	10	8	10	14	18	14	15
10'	22	22	20	22	26	30	26	27
50'	36	36	34	36	40	44	40	41
100'	42	42	40	42	46	50	46	47
200'	48	48	46	48	52	56	52	53
500'	56	56	54	56	60	64	60	61
1000'	62	62	60	62	66	70	66	67

Attenuation chart is a combination of the Model AAC48266 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"	.39	.87	1.10	1.34	1.58	1.81	2.05	2.29
	36"	.66	1.45	1.84	2.23	2.63	3.02	3.42	3.81
	48"	.92	2.02	2.58	3.13	3.68	4.23	4.78	5.34
	60"	1.18	2.60	3.31	4.02	4.73	5.44	6.15	6.86
	72"	1.45	3.18	4.05	4.92	5.78	6.65	7.52	8.39
	84"	1.71	3.76	4.78	5.81	6.84	7.86	8.89	9.91
96"	1.97	4.34	5.52	6.70	7.89	9.07	10.25	11.44	