METAL FORM MANUFACTURING CO., INC
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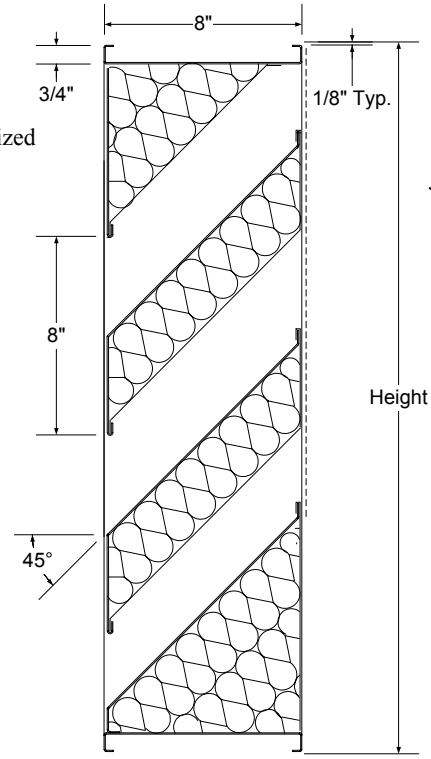
Model MFLA-8-36 Fabricated Acoustical Louver

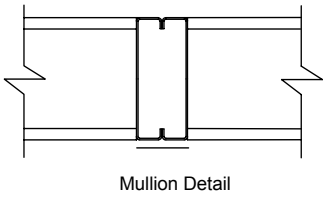
8" Deep Plain Blade

Specifications

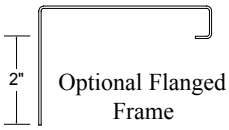
Frame:	16ga. galvanized channel frame.
Blades:	16ga. galvanized steel / 22ga. galvanized perforated liner.
Insulation:	2 lb. density fiberglass.
Screen:	1/2" x 1/2" x 19ga. galvanized mesh.
Finish:	Standard mill.
Minimum size:	12"w x 18"h.
Maximum size:	72"w x 96"h. Multiple section - unlimited size.



Section View



Mullion Detail



Optional Flanged Frame

Options

-Flanged frame.
-Sill extension.
-Sleeves.
-Sub frame (requires flanged louver).
-Screens - Many variations of screens are available , consult factory.
-Finishes - Many types of finishes are available, consult factory.
-Other options are available, consult factory.

Notes

1. Width x height are nominal opening dimensions. Unless specified otherwise, units will be constructed 1/4" undersize.
2. Metal Form reserves the right to improve design or change specifications at any time.

Octave Band/Frequency, Hz	1/63	2/125	3/250	4/500	5/1k	6/2k	7/4k	8/8k
Transmission Loss, dB	3	7	9	11	14	15	11	8
Noise Reduction, dB	9	12	15	16	18	20	18	14

Tag	Qty.	Width	Height	No. of Panels (W x H)	Options	Finishes/Specify	Remarks

Project: _____
Architect: _____
Engineer: _____
Contractor: _____

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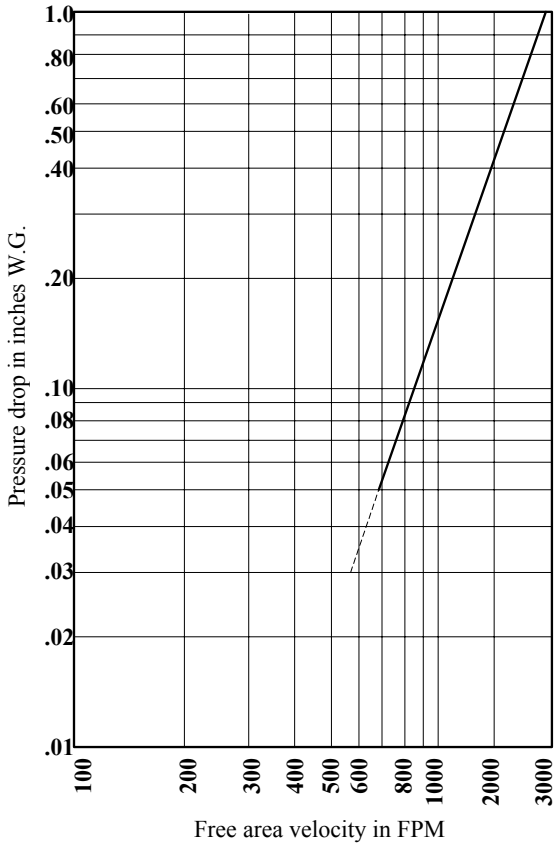
Form No. LA-8-3610

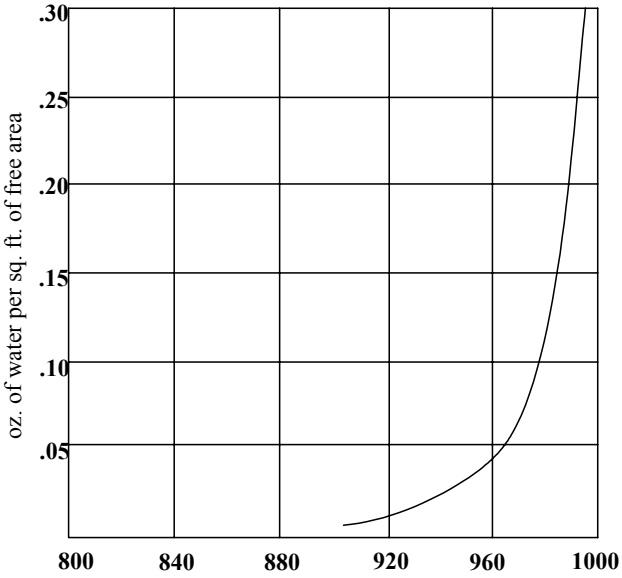
Refer to back page for performance data.

Model MFLA-8-36
Performance Data

Air Performance



Water Penetration



The beginning of water penetration is 912 FPM
(15 min. duration)

Test unit size 48" x 48"
Graphs are corrected to standard air density .075 lbs. per cubic feet.
Ratings do not include the effects of a bird screen.

Free Area Chart - Sq. Ft.

Height	Width										
96	2.08	3.29	4.51	5.72	6.94	8.15	9.37	10.58	11.80	13.02	14.23
90	1.89	2.99	4.10	5.20	6.31	7.41	8.52	9.62	10.73	11.83	12.94
84	1.75	2.78	3.80	4.83	5.86	6.88	7.91	8.93	9.96	10.98	12.01
78	1.70	2.69	3.69	4.68	5.68	6.67	7.67	8.66	9.65	10.65	11.64
72	1.51	2.39	3.28	4.16	5.05	5.93	6.81	7.70	8.58	9.47	10.35
66	1.32	2.09	2.87	3.64	4.41	5.19	5.96	6.74	7.51	8.28	9.06
60	1.19	1.88	2.57	3.27	3.96	4.66	5.35	6.05	6.74	7.43	8.13
54	1.13	1.80	2.46	3.12	3.78	4.45	5.11	5.77	6.44	7.10	7.76
48	.94	1.50	2.05	2.60	3.15	3.71	4.26	4.81	5.36	5.92	6.47
42	.76	1.20	1.64	2.08	2.52	2.97	3.41	3.85	4.29	4.73	5.18
36	.62	.98	1.35	1.71	2.07	2.43	2.80	3.16	3.52	3.88	4.25
30	.57	.90	1.23	1.56	1.89	2.22	2.56	2.89	3.22	3.55	3.88
24	.38	.60	.82	1.04	1.26	1.48	1.70	1.92	2.15	2.37	2.59
18	.19	.30	.41	.52	.63	.74	.85	.96	1.07	1.18	1.29
	12	**18**	**24**	**30**	**36**	**42**	**48**	**54**	**60**	**66**	**72**

Width