METAL FORM MANUFACTURING CO., INC
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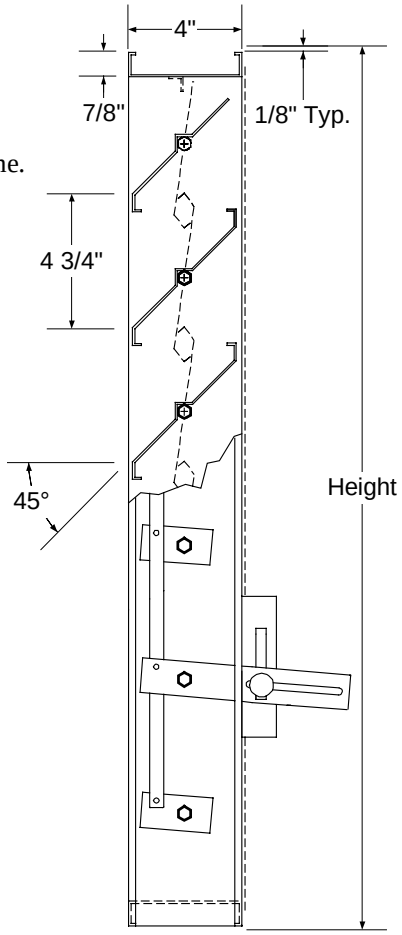
Model MFL-27 Fabricated Adjustable Louver

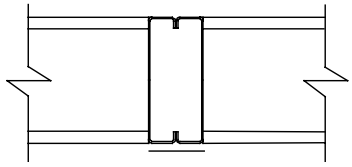
4" Deep Plain Blade

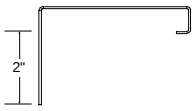
Specifications

Frame:	18ga. galvanized steel channel frame.
Blades:	18ga. galvanized steel.
Bearings:	Molded nylon.
Axles:	7/16" hex plated steel.
Linkage:	Heavy duty plated steel concealed in frame.
Screen:	1/2" x 1/2" x 19ga. galvanized steel.
Finish:	Standard mill.
Minimum size:	12"w x 12"h.
Maximum size:	60"w x 96"h. Multiple section - unlimited size.



Section View


Mullion Detail



Optional Flanged Frame

Options

-Flanged frame.
-Blade seals.
-Stainless steel side seals.
-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.

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

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

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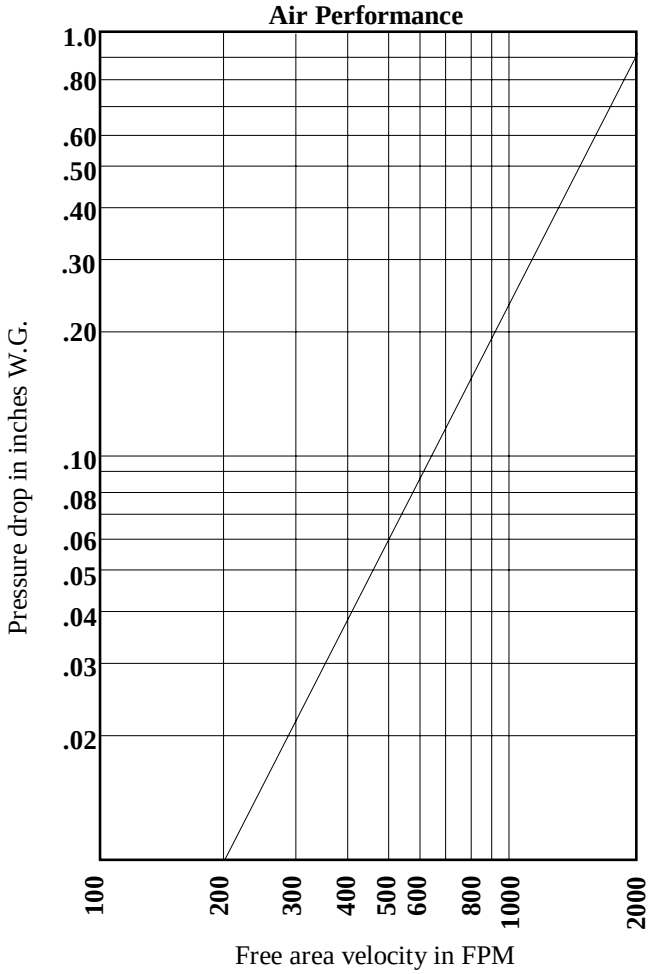
Form No. L-2798

Refer to back page for performance data.

Model MFL-27
Performance Data



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											
96	3.24	5.14	7.04	8.93	10.83	12.73	14.62	16.52	18.42	20.32	22.21
90	3.03	4.79	6.57	8.34	10.11	11.88	13.65	15.42	17.19	18.96	20.73
84	2.77	4.39	6.01	7.63	9.25	10.87	12.50	14.12	15.74	17.36	18.98
78	2.57	4.08	5.59	7.09	8.60	10.11	11.61	13.12	14.63	16.13	17.64
72	2.41	3.82	5.22	6.63	8.04	9.45	10.86	12.27	13.68	15.09	16.50
66	2.17	3.44	4.72	5.99	7.26	8.53	9.81	11.08	12.35	13.62	14.89
60	1.92	3.04	4.16	5.28	6.41	7.53	8.65	9.77	10.90	12.02	13.14
54	1.74	2.76	3.78	4.79	5.81	6.83	7.85	8.87	9.88	10.90	11.92
48	1.57	2.49	3.41	4.33	5.25	6.18	7.10	8.02	8.94	9.86	10.78
42	1.32	2.09	2.84	3.64	4.42	5.19	5.96	6.74	7.51	8.28	9.06
36	1.07	1.70	2.33	2.95	3.58	4.21	4.84	5.47	6.09	6.72	7.35
30	.91	1.44	1.96	2.50	3.03	3.56	4.09	4.61	5.14	5.67	6.20
24	.73	1.15	1.57	2.00	2.42	2.85	3.27	3.70	4.12	4.55	4.97
18	.47	.74	1.02	1.29	1.57	1.84	2.11	2.39	2.67	2.94	3.22
12	.24	.38	.52	.66	.80	.93	1.07	1.21	1.35	1.49	1.63
	12	**18**	**24**	**30**	**36**	**42**	**48**	**54**	**60**	**66**	**72**

Width