METAL FORM MANUFACTURING CO., INC
5960 WEST WASHINGTON STREET
PHOENIX, ARIZONA 85043
TELEPHONE: 602-233-1211 FAX: 602-233-2033
WEBSITE ADDRESS: WWW.MFMCA.COM

Model MFA-12 Extruded Aluminum Stationary Louver

4" Deep Plain Blade

Specifications

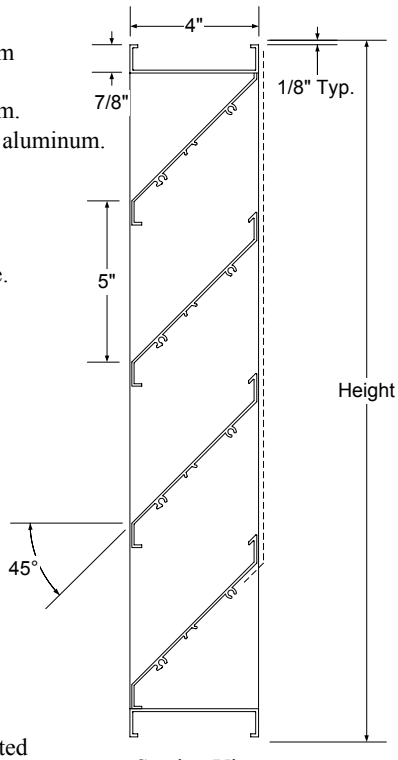
Frame:	.090 6063-T5 extruded aluminum channel frame.
Blades:	.081 6063-T5 extruded aluminum.
Screen:	1/2" x .051" flattened expanded aluminum.
Finish:	Standard mill.
Minimum size:	12"w x 12"h.
Maximum size:	72"w x 120"h. Multiple section - unlimited size.

Options

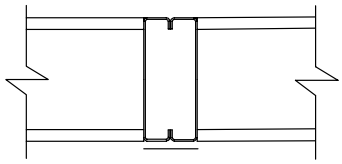
-Flanged frame.
-Architectural mullions.
-Sill extension.
-Sleeves.
-Sub frame (requires flanged louver).
-Screens - Many variations of screens are available, consult factory.
-Finishes - Many types of finishes are available, consult factory.
-Other options available, consult factory.

Notes

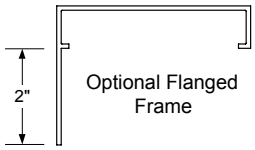
1. Width x height are nominal opening dimensions. Unless specified otherwise, units will be constructed 1/4" less.
2. Metal Form reserves the right to improve design or change specifications at any time.



Section View



Mullion Detail



Model MFA-12 is AMCA licensed for air performance and water penetration.

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

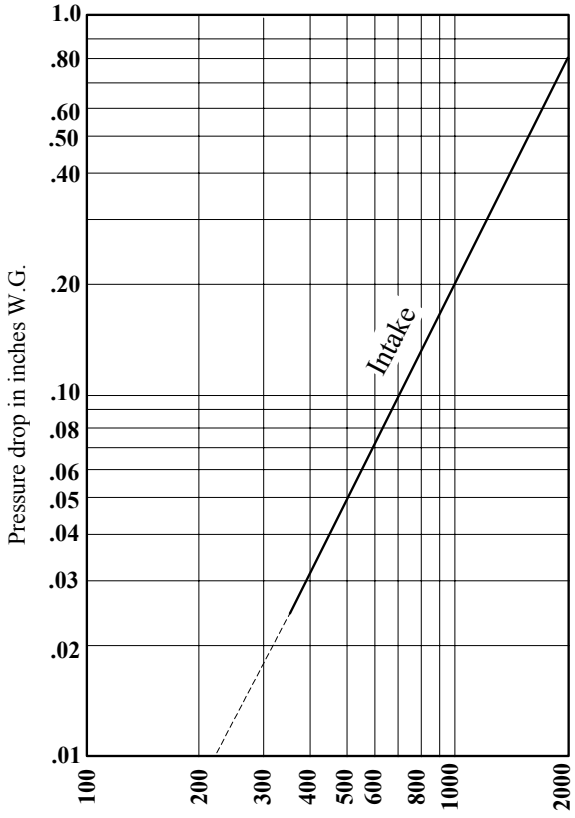
Project: _____
Architect: _____
Engineer: _____
Contractor: _____

Metal Form Manufacturing Co., Inc.
Form No. A-1211 © November 2011
Supersedes Form No. A-1298

Refer to back page for performance data.

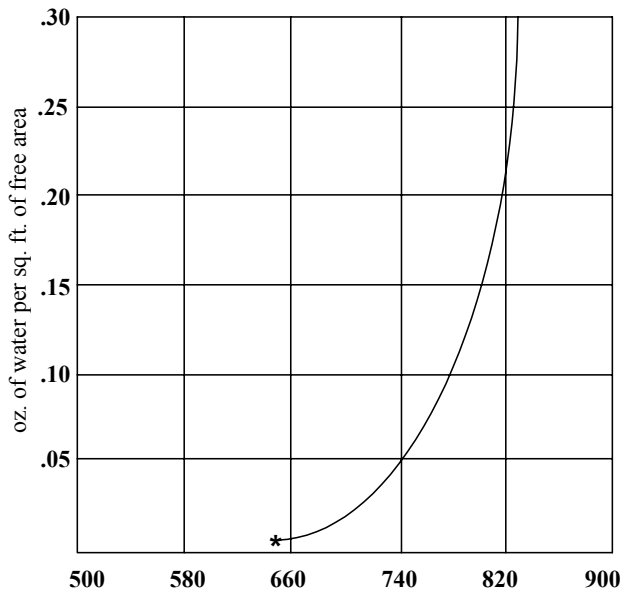
Model MFA-12
Performance Data

Air Performance



Free area velocity in FPM

Water Penetration



Free area velocity in FPM
The beginning of water penetration is 652 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.

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WATER PENETRATION
AIR PERFORMANCE
® AIR MOVEMENT AND CONTROL ASSOCIATION INTERNATIONAL, INC.

Free Area Chart - Sq. Ft.

Height	Width 12	18	24	30	36	42	48	54	60	66	72
120	4.48	7.10	9.72	12.34	14.96	17.58	20.20	22.82	25.44	28.06	30.68
108	3.95	6.27	8.58	10.90	13.21	15.52	17.84	20.15	22.47	24.78	27.09
96	3.48	5.56	7.64	9.73	11.82	13.9	15.99	18.07	20.16	22.24	24.33
84	3.01	4.81	6.62	8.42	10.23	12.03	13.84	15.65	17.45	19.26	21.06
72	2.51	4.02	5.52	7.03	8.53	10.04	11.54	13.05	14.56	16.06	17.57
66	2.32	3.71	5.1	6.49	7.88	9.27	10.66	12.05	13.44	14.83	16.22
60	2.11	3.38	4.65	5.92	7.18	8.45	9.72	10.99	12.25	13.52	14.79
54	1.85	2.96	4.07	5.18	6.29	7.4	8.51	9.62	10.73	11.84	12.95
48	1.59	2.54	3.49	4.45	5.4	6.35	7.3	8.26	9.21	10.16	11.11
42	1.35	2.16	2.97	0.78	4.59	5.41	6.22	7.03	7.84	8.65	9.46
36	1.16	1.85	2.55	3.24	3.94	4.63	5.33	6.02	6.72	7.41	8.11
30	0.95	1.53	2.1	2.67	3.25	3.82	4.39	4.96	5.54	6.11	6.68
24	0.69	1.11	1.52	1.94	2.35	2.77	3.18	3.6	4.01	4.43	4.84
18	0.43	0.69	0.94	1.2	1.46	1.72	1.98	2.23	2.49	2.75	3.01
12	0.19	0.31	0.42	0.54	0.66	0.77	0.89	1	1.12	1.24	1.35

Metal Form certifies that the Model MFA-12 shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to air performance ratings and water penetration ratings.