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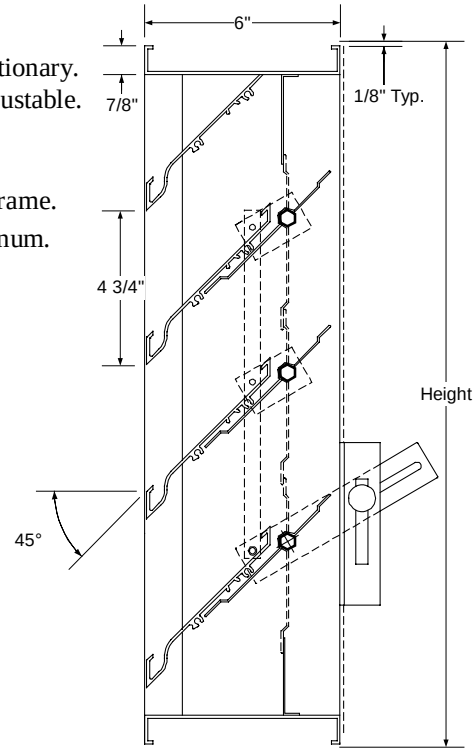
Model MFA-21CD Extruded Aluminum Combination Louver

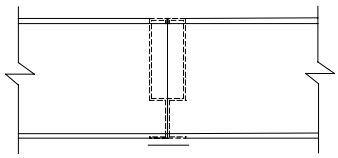
6" Deep Stationary/Adjustable Blade

Specifications

Frame:	.100" 6063-T5 extruded aluminum channel frame.
Blades:	.081" 6063-T5 extruded aluminum stationary. .060" 6063-T5 extruded aluminum adjustable.
Bearings:	Molded nylon.
Axles:	7/16" hex plated steel.
Linkage:	Heavy duty plated steel concealed in frame.
Screen:	1/2" x .051" flattened expanded aluminum.
Finish:	Standard mill.
Minimum size:	12"w x 14"h.
Maximum size:	60"w x 96"h. Multiple section - unlimited size.



Section View



Mullion Detail

Optional Flanged Frame

Options

-Flanged frame.
-Blade edge 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 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.

Model MFA-21CD 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: _____

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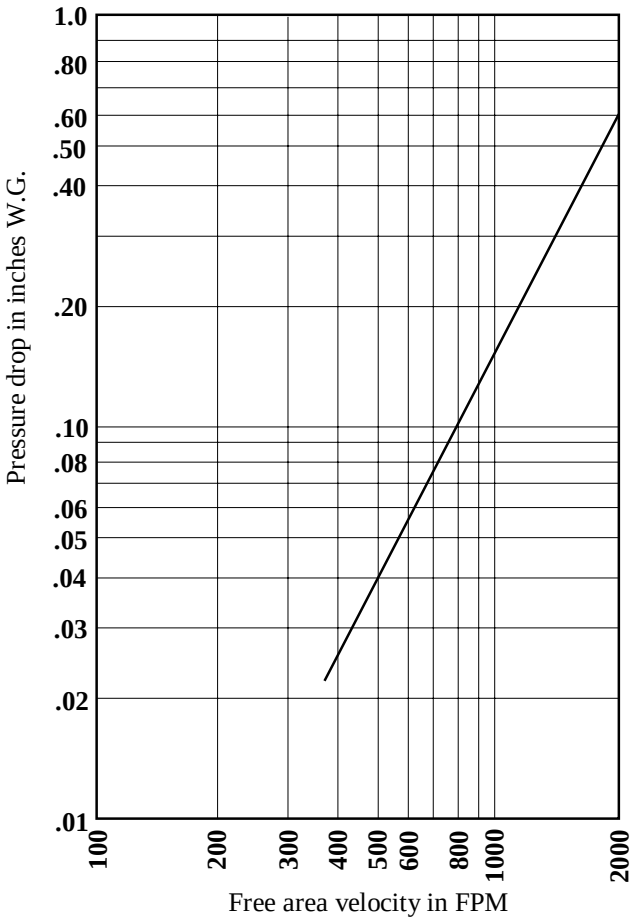
Form No. A-21CD00
Supercedes Form No. A-21CD98

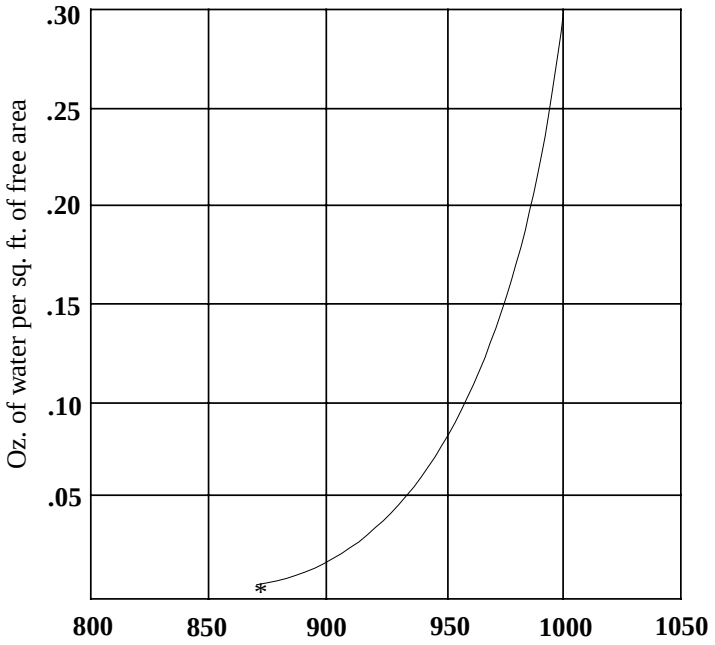
Refer to back page for performance data.

Model MFA-21CD
Performance Data

Air Performance



Water Penetration



The beginning of water penetration is 872 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	3.36	5.48	7.60	9.72	11.84	13.96	16.08	18.20	20.32
90	3.18	5.18	7.19	9.20	11.20	13.21	15.22	17.22	19.23
84	2.94	4.79	6.65	8.50	10.36	12.21	14.07	15.92	17.78
78	2.70	4.31	5.97	7.64	9.31	10.97	12.64	14.31	15.97
72	2.65	4.21	5.76	7.31	8.87	10.42	11.97	13.53	15.08
66	2.46	3.90	5.34	6.78	8.22	9.66	11.10	12.54	13.98
60	2.20	3.49	4.78	6.07	7.36	8.65	9.93	11.22	12.51
54	1.88	2.98	4.08	5.18	6.28	7.38	8.48	9.58	10.68
48	1.69	2.67	3.66	4.65	5.63	6.62	7.61	8.60	9.58
42	1.49	2.37	3.24	4.11	4.99	5.86	6.73	7.61	8.48
36	1.11	1.75	2.40	3.05	3.69	4.34	4.99	5.64	6.28
30	.91	1.45	1.98	2.51	3.05	3.58	4.12	4.65	5.18
24	.72	1.14	1.56	1.98	2.40	2.82	3.24	3.66	4.08
18	.52	.81	1.11	1.41	1.72	2.02	2.32	2.62	2.92
12	.26	.41	.56	.71	.85	1.00	1.15	1.30	1.45
	12	**18**	**24**	**30**	**36**	**42**	**48**	**54**	**60**

Metal Form certifies that the Model MFA-21CD shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedure 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.