



MODEL XAD-6-MD
MIAMI-DADE COUNTY QUALIFIED LOUVER
EXTRUDED ALUMINUM LOUVER
DRAINABLE BLADE. AMCA LICENSED.



NOTICE OF ACCEPTANCE NUMBER: 05-0208.1

Standard Construction:

Frame: 6" x .081 (152 mm x 2.1 mm) extruded aluminum (6063-T6).

Blades: .081 (2.1 mm) extruded aluminum (6063-T6), approximately 5" (127 mm) on centers.

Blade Angle: 37-1/2°

Screen: Bird screen - 3/4" x .050 (19 mm x 12.7 mm) flattened expanded aluminum in a removable frame on interior of louver.

Finish: Mill aluminum.

Minimum Size: 12"w x 12"h (304 mm x 304 mm)

Maximum Section Size: 72"w x 144"h (1829 mm x 3658 mm)

Options:

Screens: Insect screen - 18 x 16 mesh aluminum
 1/2" x .063 (12.7 mm x 1.6 mm) aluminum.
 Other - _____

Finish: Prime Coat
 Baked Enamel
 Kynar
 Powder Coat
 Clear Anodize - 204-R1 and 215-R1
 Integral Color Anodize
 Other - _____

Sill Extensions:

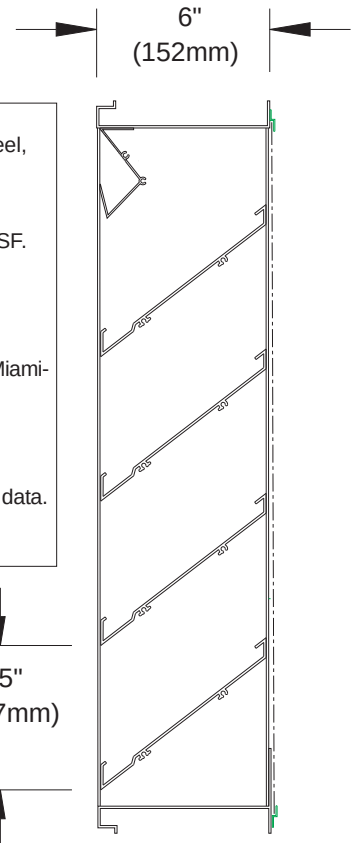
Flange: 1-1/2" (38 mm) (front or rear)

Frame: .125 (3.2 mm) Extruded Aluminum

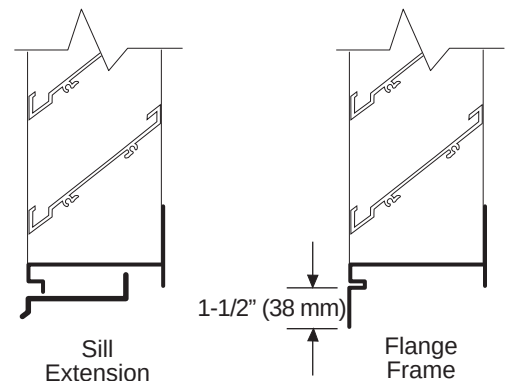
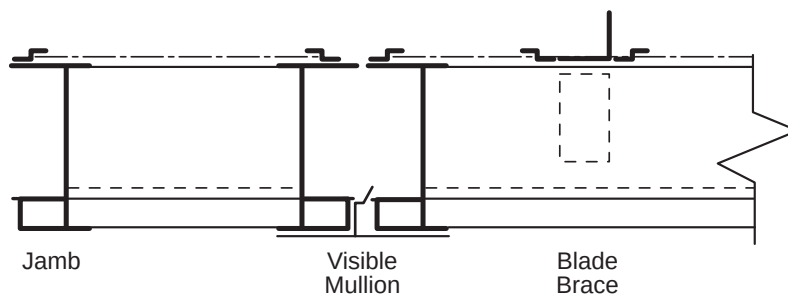
Blade: .125 (3.2 mm) Extruded Aluminum

Notes: Louvers fabricated 1/4" (6.4 mm) under opening size unless otherwise noted.

Approved for use in wood, steel, steel stud, and concrete structures.
 Maximum wind load $\pm$ 150 PSF.
 All mounting clips and angles shipped with unit.
 Fully welded construction.
 PA-201, PA-202, and PA-203 Miami-Dade protocols tested and approved.
 51% free area on 48" x 48".
 AMCA approved performance data.
 Available in Architectural look



Channel Frame



XAD-6-MD - 04-05

Specifications are correct at time of printing. However, as part of our 'continuous improvement program,' we reserve the right to make further improvements without notice.

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Project:

Contractor:

Location:

Address:

Architect:

P.O. Number:

Engineer:

Date:



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PERFORMANCE DATA

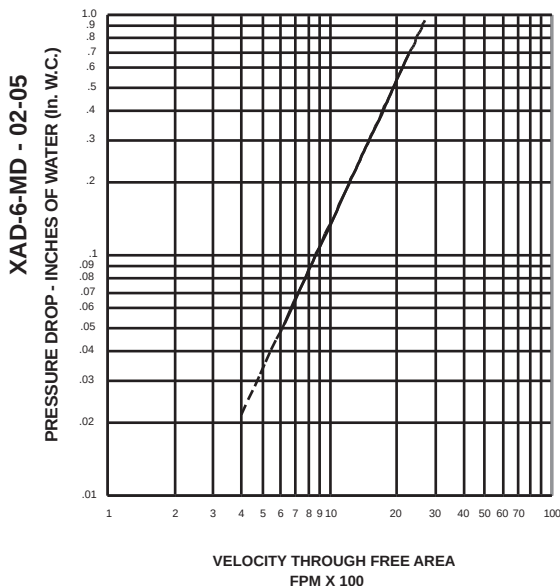
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Specifications

Furnish and install where shown model **XAD-6-MD** louver, manufactured by **NCA Manufacturing**. Louvers shall be the stationary **drainable** type with a frame depth of **6 inches**. Frames and blades shall be .081 inches thick 6063-T6 extruded aluminum alloy. Blades shall be located on a **37-1/2** degree blade angle. Louvers shall have passed Miami-Dade protocols PA-201, PA-202, and PA-203. Louvers shall have a minimum rating of **150 PSF** at 36" widths. All mounting clips shall be furnished with unit. Louvers shall be approved for installation into wood, steel, steel studs, and concrete structures. Screens shall consist of 3/4" expanded aluminum, with an extruded frame, mounted to the louver interior, and be removable for cleaning. Louvers shall be finished with Polyurethane Acrylic enamel, Kynar 500, Anodize or other finishes selected by the architect from NCA standard color charts.

XAD-6-MD FREE AREA IN SQ. FT.

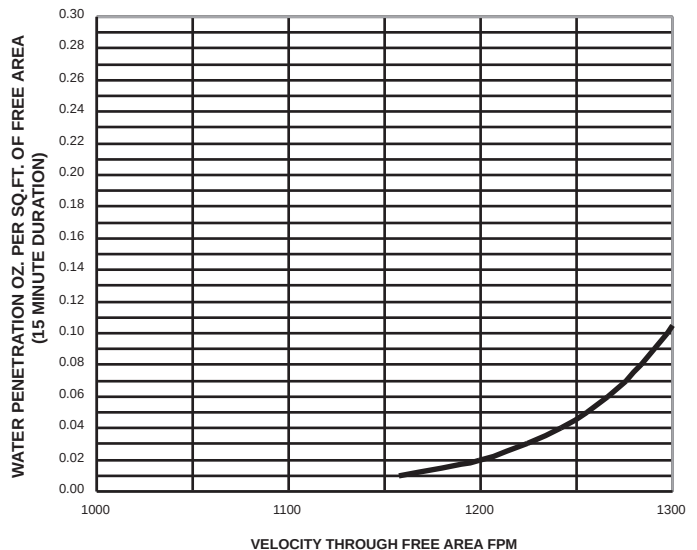
	Width - Inches										
	12	18	24	30	36	42	48	54	60	66	72
12	0.23	0.38	0.54	0.69	0.84	0.99	1.15	1.30	1.45	1.61	1.76
18	0.43	0.72	1.00	1.29	1.58	1.87	2.15	2.44	2.73	3.01	3.30
24	0.63	1.05	1.47	1.90	2.32	2.74	3.16	3.58	4.00	4.42	4.84
30	0.83	1.39	1.94	2.50	3.05	3.61	4.17	4.72	5.28	5.83	6.39
36	1.03	1.72	2.41	3.10	3.79	4.48	5.17	5.86	6.55	7.24	7.93
42	1.44	2.39	3.35	4.31	5.27	6.23	7.18	8.14	9.10	10.06	11.02
48	1.64	2.73	3.82	4.91	6.01	7.10	8.19	9.28	10.37	11.47	12.56
54	1.84	3.07	4.29	5.52	6.74	7.97	9.20	10.42	11.65	12.88	14.10
60	2.04	3.40	4.76	6.12	7.48	8.84	10.20	11.56	12.92	14.28	15.64
66	2.24	3.74	5.23	6.73	8.22	9.71	11.21	12.70	14.20	15.69	17.19
72	2.44	4.07	5.70	7.33	8.96	10.59	12.22	13.84	15.47	17.10	18.73
78	2.64	4.41	6.17	7.93	9.70	11.46	13.22	14.98	16.75	18.51	20.27
84	3.05	5.08	7.11	9.14	11.17	13.20	15.23	17.27	19.30	21.33	23.36
90	3.25	5.41	7.58	9.74	11.91	14.08	16.24	18.41	20.57	22.74	24.90
96	3.65	6.08	8.52	10.95	13.39	15.82	18.25	20.69	23.12	25.55	27.99
102	3.91	6.52	9.13	11.74	14.35	16.96	19.57	22.18	24.79	27.40	30.01
108	4.09	6.82	9.55	12.28	15.00	17.73	20.46	23.19	25.92	28.64	31.37
114	4.29	7.16	10.02	12.88	15.74	18.60	21.47	24.33	27.19	30.05	32.91
120	4.61	7.68	10.76	13.83	16.90	19.98	23.05	26.12	29.20	32.27	35.34
126	4.87	8.12	11.36	14.61	17.86	21.11	24.35	27.60	30.85	34.09	37.34
132	5.10	8.50	11.90	15.29	18.69	22.09	25.49	28.89	32.29	35.69	39.09
138	5.30	8.83	12.37	15.90	19.43	22.96	26.50	30.03	33.56	37.10	40.63
144	5.50	9.17	12.83	16.50	20.17	23.84	27.50	31.17	34.84	38.50	42.17



Pressure Drop Data applies to test unit size 48" x 48".

NCA Manufacturing, Inc. certifies that the Model XAD-6-MD louver 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 requirements of the AMCA Certified Ratings program.

The AMCA Certified Ratings Seal applies to air performance ratings and water penetration ratings only.



Water Penetration

Water Penetration Data applies to test unit size 48" x 48" only. Beginning of Water Penetration is 1155 FPM Free Area Velocity.

Performance shown is at standard air density 0.075 lbs./ft³.

SEPTEMBER, 2004