

**Tag:** \_\_\_\_\_ **Engineer:** \_\_\_\_\_  
**Project:** \_\_\_\_\_ **Contractor:** \_\_\_\_\_  
**Location:** \_\_\_\_\_ **Architect:** \_\_\_\_\_  
**Date:** \_\_\_\_\_ **Submitted By:** \_\_\_\_\_



**MODEL XAD-6-MD**  
**Extruded Stationary Louver**

Drainable Blade, AMCA Licensed  
**Miami-Dade County Qualified**

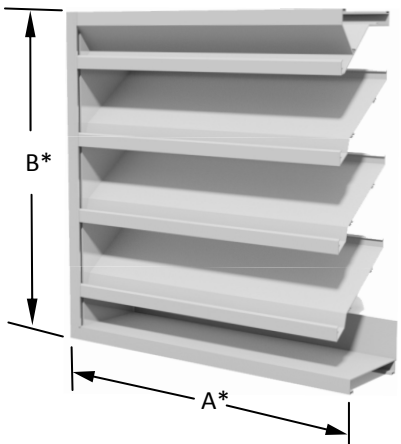
Notice of Acceptance #14-0423.33  
Florida Product Approval #FL5572

**Standard Construction**

- FRAME:** 6" (102) x .125 (3.1) extruded aluminum, 6063-T6
- BLADES:** .081 (2.1) extruded aluminum, 6063-T6  
Drainable Blades fixed at 37.5° angle,  
Spaced approximately 5" (127)
- SCREEN:** Bird screen - 3/4" (19) x .050" (1.3) expanded,  
flattened aluminum with a removable frame on the  
interior of the louver. Screen adds approximately  
1/2" (12.7) to depth of louver.
- FINISH:** Mill

**MINIMUM SIZE:** 12"w (305) x 12"h (305)  
**MAXIMUM ASSEMBLY SIZE:** Single Sections will not exceed 72"w (1829) x 144"h (3658)

**DESIGN LOAD:** ±150 psf (732.4 kg/m<sup>2</sup>). Consult NOA for limits.  
All dimensions shown in inches, parenthesis ( ) indicate millimeters.



**LEED Material Information**

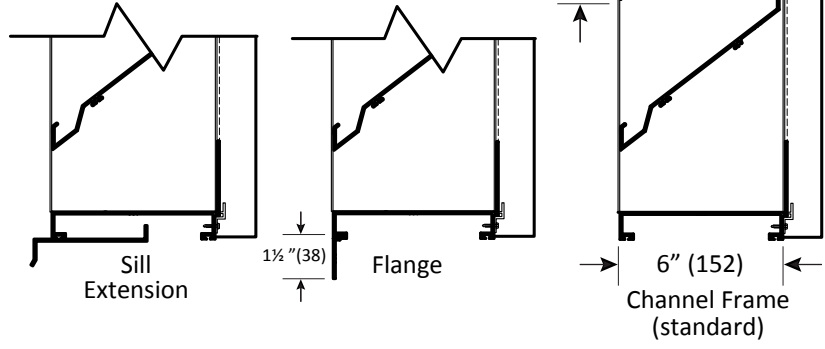
- VOC Content (g/L) - 0**
- Manufacturing Location (MR 5.1)**
  - Marion, NC 28752
- Recycled Content (MR 4.1 & 4.2)**
  - 10% Post-Consumer
  - 80% Pre-Consumer

\* Width [A dimension] and Height [B dimension] are approximately 1/4" (6) under listed size, unless otherwise specified.

**Optional Construction**

- Sill Extension
- Flange Frame [1½" (38)]
- Filter Racks
- Security Bars:
  - Front
  - Rear
- Optional Bird and Insect Screens
- Optional Finishes: Consult Finishes Chart
- Optional Shapes: Consult NOA and Shapes Submittal

**Frame Options**



**Approved Miami-Dade County Florida, Test Protocols:**

- Uniform Static Air Pressure Test TAS 202-94
- Large Missile Impact Test per FBC, TAS 201-94
- Cyclic Win Pressure Loading per FBC, TAS 203-94

Approved for use in wood, steel, metal stud, and concrete wall construction.

All required mounting angles are factory provided; see NOA for construction specific installation requirements.

Consult NCA for Other Special Requirements

All Stated Specifications Are Subject to Change Without notice or Obligation.

XAD-6-MD - 0613 / Replaces XAD-6-MD-0709

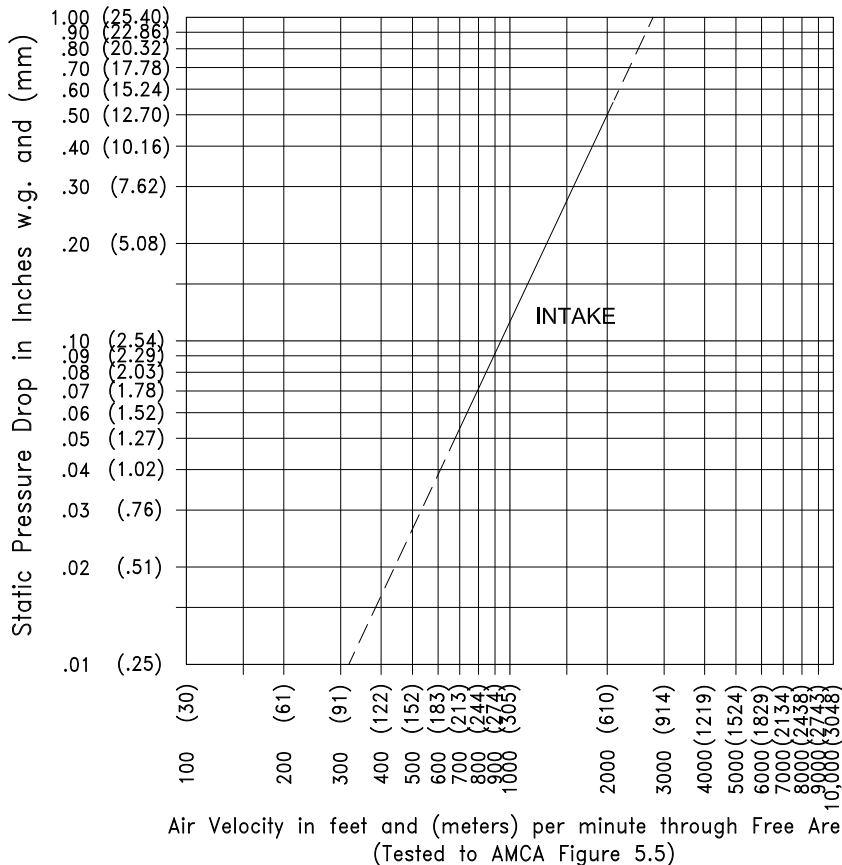


# PERFORMANCE DATA

## FREE AREA GUIDE FOR XAD-6-MD (Free area in ft<sup>2</sup> and m<sup>2</sup>)

		Width in Inches (Meters)																		
		12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	102	108	114	120
Height in Inches (Meters)	12	0.17	0.27	0.38	0.48	0.59	0.69	0.79	0.90	1.00	1.11	1.21	1.31	1.42	1.52	1.63	1.73	1.83	1.94	2.04
	0.30	0.02	0.03	0.04	0.04	0.05	0.06	0.07	0.08	0.09	0.10	0.11	0.12	0.13	0.14	0.15	0.16	0.17	0.18	0.19
	18	0.44	0.71	0.98	1.25	1.52	1.78	2.05	2.32	2.59	2.86	3.13	3.40	3.67	3.94	4.21	4.47	4.74	5.01	5.28
	0.46	0.04	0.07	0.09	0.12	0.14	0.17	0.19	0.22	0.24	0.27	0.29	0.32	0.34	0.37	0.39	0.42	0.44	0.47	0.49
	24	0.71	1.14	1.58	2.01	2.45	2.88	3.31	3.75	4.18	4.62	5.05	5.48	5.92	6.35	6.78	7.22	7.65	8.09	8.52
	0.61	0.07	0.11	0.15	0.19	0.23	0.27	0.31	0.35	0.39	0.43	0.47	0.51	0.55	0.59	0.63	0.67	0.71	0.75	0.79
	30	0.98	1.58	2.18	2.78	3.38	3.97	4.57	5.17	5.77	6.37	6.97	7.57	8.17	8.77	9.36	9.96	10.56	11.16	11.76
	0.76	0.09	0.15	0.20	0.26	0.31	0.37	0.43	0.48	0.54	0.59	0.65	0.70	0.76	0.82	0.87	0.93	0.98	1.04	1.09
	36	1.25	2.01	2.78	3.54	4.31	5.07	5.83	6.60	7.36	8.12	8.89	9.65	10.42	11.18	11.94	12.71	13.47	14.24	15.00
	0.91	0.12	0.19	0.26	0.33	0.40	0.47	0.54	0.61	0.68	0.76	0.83	0.90	0.97	1.04	1.11	1.18	1.25	1.32	1.39
	42	1.52	2.45	3.38	4.31	5.24	6.16	7.09	8.02	8.95	9.88	10.81	11.74	12.67	13.59	14.52	15.45	16.38	17.31	18.24
	1.07	0.14	0.23	0.31	0.40	0.49	0.57	0.66	0.75	0.83	0.92	1.01	1.09	1.18	1.26	1.35	1.44	1.52	1.61	1.70
	48	1.89	3.04	4.20	5.35	6.50	7.66	8.81	9.96	11.12	12.27	13.43	14.58	15.73	16.89	18.04	19.19	20.35	21.50	22.65
	1.22	0.18	0.28	0.39	0.50	0.60	0.71	0.82	0.93	1.03	1.14	1.25	1.36	1.46	1.57	1.68	1.79	1.89	2.00	2.11
	54	2.16	3.48	4.80	6.11	7.43	8.75	10.07	11.39	12.71	14.03	15.34	16.66	17.98	19.30	20.62	21.94	23.26	24.58	25.89
	1.37	0.20	0.32	0.45	0.57	0.69	0.81	0.94	1.06	1.18	1.30	1.43	1.55	1.67	1.79	1.92	2.04	2.16	2.29	2.41
	60	2.43	3.91	5.40	6.88	8.36	9.85	11.33	12.81	14.30	15.78	17.26	18.75	20.23	21.72	23.20	24.68	26.17	27.65	29.13
1.52	0.23	0.36	0.50	0.64	0.78	0.92	1.05	1.19	1.33	1.47	1.61	1.74	1.88	2.02	2.16	2.30	2.43	2.57	2.71	
66	2.70	4.35	6.00	7.64	9.29	10.94	12.59	14.24	15.89	17.54	19.18	20.83	22.48	24.13	25.78	27.43	29.08	30.73	32.37	
1.68	0.25	0.40	0.56	0.71	0.86	1.02	1.17	1.32	1.48	1.63	1.78	1.94	2.09	2.24	2.40	2.55	2.70	2.86	3.01	
72	2.97	4.78	6.60	8.41	10.22	12.04	13.85	15.66	17.48	19.29	21.10	22.92	24.73	26.54	28.36	30.17	31.98	33.80	35.61	
1.83	0.28	0.44	0.61	0.78	0.95	1.12	1.29	1.46	1.63	1.79	1.96	2.13	2.30	2.47	2.64	2.81	2.97	3.14	3.31	
78	3.24	5.22	7.20	9.17	11.15	13.13	15.11	17.09	19.07	21.04	23.02	25.00	26.98	28.96	30.94	32.92	34.89	36.87	38.85	
1.98	0.30	0.49	0.67	0.85	1.04	1.22	1.41	1.59	1.77	1.96	2.14	2.33	2.51	2.69	2.88	3.06	3.25	3.43	3.61	
84	3.51	5.65	7.79	9.94	12.08	14.23	16.37	18.51	20.66	22.80	24.94	27.09	29.23	31.37	33.52	35.66	37.80	39.95	42.09	
2.13	0.33	0.53	0.72	0.92	1.12	1.32	1.52	1.72	1.92	2.12	2.32	2.52	2.72	2.92	3.12	3.32	3.52	3.72	3.91	
90	3.78	6.09	8.39	10.70	13.01	15.32	17.63	19.94	22.25	24.55	26.86	29.17	31.48	33.79	36.10	38.40	40.71	43.02	45.33	
2.29	0.35	0.57	0.78	1.00	1.21	1.42	1.64	1.85	2.07	2.28	2.50	2.71	2.93	3.14	3.36	3.57	3.79	4.00	4.22	
96	4.05	6.52	8.99	11.47	13.94	16.41	18.89	21.36	23.83	26.31	28.78	31.26	33.73	36.20	38.68	41.15	43.62	46.10	48.57	
2.44	0.38	0.61	0.84	1.07	1.30	1.53	1.76	1.99	2.22	2.45	2.68	2.91	3.14	3.37	3.60	3.83	4.06	4.29	4.52	

## PRESSURE DROP



NCA certifies that the Model XAD-6-MD louver shown herein is certified 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.

Beginning Point of Water Penetration at .01oz./ft<sup>2</sup> is **1250+ FPM (381 m/min)** Free Area Velocity.

### Notes:

- Pressure Drop and Water Penetration Data applies to test unit size 48" w x 48" h (1219 x 1219) only.
- Reported Pressure Drop is for Intake only.
- Performance data does not include the effects of bird screen.
- All Performance shown is at standard air density of 0.075 lb/ft<sup>3</sup> (1.2 kg/m<sup>3</sup>).