



MODEL CA-XAD-4-45-GL
COMBINATION LOUVER
DRAINABLE BLADE. AMCA LICENSED.



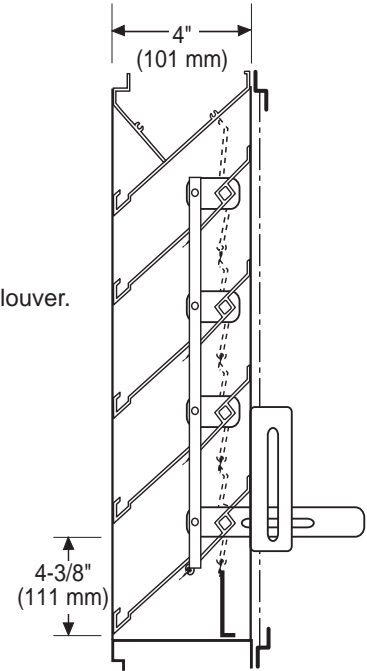
Standard Construction:

- Frame:** 4" x .081 (101 mm x 2.1 mm) extruded aluminum (6063-T5).
- Stationary Blades:** .060 (1.5 mm) extruded aluminum (6063-T5).
approximately 4-3/8" (111 mm) on centers.
- Adjustable Blades:** .080 (2 mm) extruded aluminum (6063-T5).
- Blade Angle:** 45°
- Bearings:** Permanently lubricated oilite bronze,
press fit into frame.
- Axles:** 3/8" (9.5 mm) square plated steel.
- Linkage:** Plated steel concealed in jamb.
- Operator:** Wing nut side bracket.
- Blade Seals:** Extruded Vinyl.
- Jamb Seals:** Flexible stainless steel.
- 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 Section Size:** 12"w x 12"h (304 mm x 304 mm)
- Maximum Section Size:** 60"w x 96"h (1524 mm x 2438 mm)

Options:

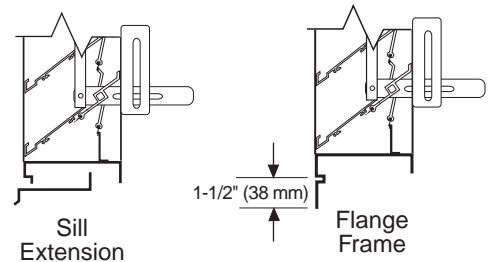
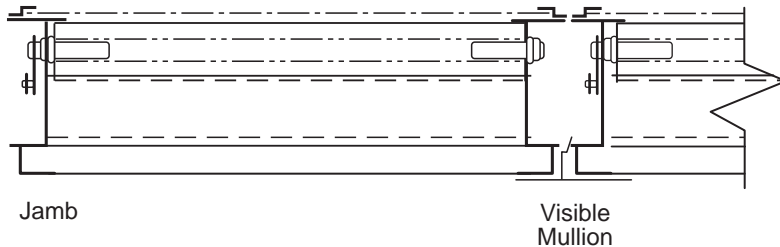
- Screens:** Insect screen - 18 x 16 mesh aluminum
Other: _____
- Finish:** Prime Coat.
Baked Enamel.
Clear Anodize - 204-R1 & 215-R1.
Integral Color Anodize
Kynar 500 Enamel.
Other: _____
- Sill Extensions:**
- Flange:** 1-1/2" (38 mm) (front or rear)
- Other Operator** - _____

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



Channel Frame

CAXAD-4-45GL - 01-03



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:



MODEL CA-XAD-4-45-GL LOUVER PERFORMANCE DATA

DRAINABLE BLADE. AMCA TESTED.

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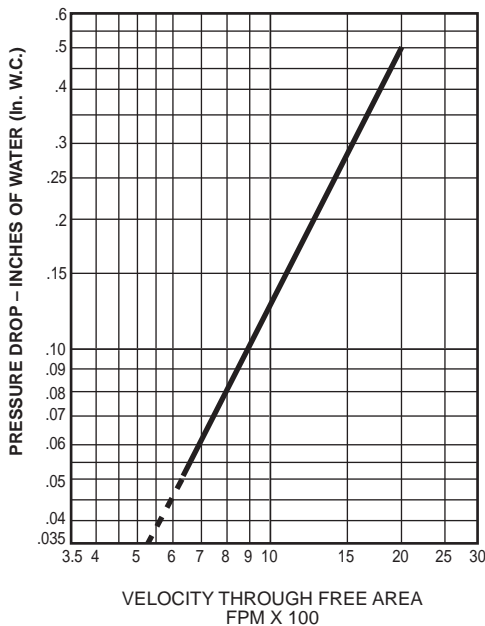
Specifications

Furnish and install where shown model **CA-XAD-4-45-GL** louver, manufactured by **NCA Manufacturing**. Louvers shall be the **combination drainable** type with a frame depth of **4 inches**. Frames and adjustable blade shall be .081 inches thick 6063-T5 extruded aluminum alloy. Stationary blades to be .060 inches thick 6063-T5 extruded aluminum alloy. Blades shall be located on a **45 degree** blade angle. 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.

CA-XAD-4-45-GL Free Area in Sq. Ft.

Width – Inches

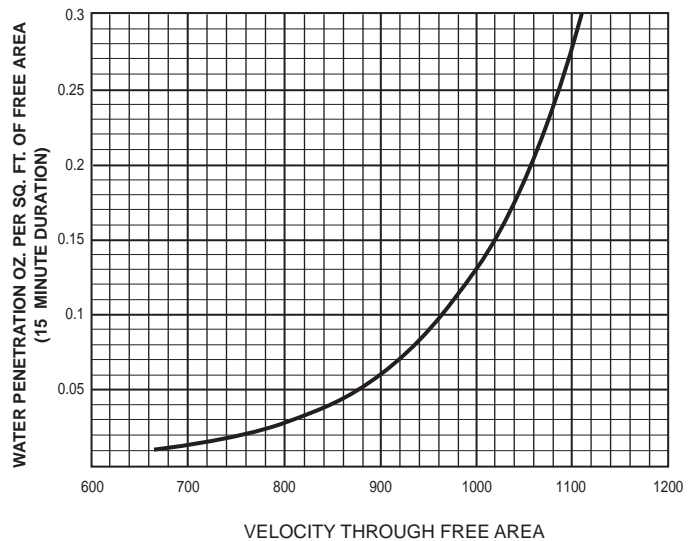
Height – Inches	Width – Inches															
	12	18	24	30	36	42	48	54	60	66	72	78	84	90	96	
12	0.23	0.39	0.54	0.70	0.85	1.01	1.16	1.32	1.47	1.63	1.78	1.94	2.09	2.25	2.40	
18	0.52	0.86	1.20	1.55	1.89	2.24	2.58	2.92	3.27	3.61	3.96	4.30	4.64	4.99	5.33	
24	0.66	1.10	1.54	1.99	2.43	2.87	3.31	3.75	4.19	4.63	5.07	5.52	5.96	6.40	6.84	
30	0.85	1.41	1.98	2.54	3.11	3.67	4.24	4.80	5.37	5.93	6.50	7.06	7.63	8.19	8.76	
36	1.10	1.83	2.57	3.30	4.03	4.77	5.50	6.23	6.96	7.70	8.43	9.16	9.90	10.63	11.36	
42	1.25	2.08	2.91	3.74	4.57	5.40	6.23	7.06	7.89	8.72	9.55	10.38	11.21	12.04	12.87	
48	1.45	2.41	3.37	4.34	5.30	6.27	7.23	8.20	9.16	10.12	11.09	12.05	13.02	13.98	14.94	
54	1.68	2.81	3.93	5.05	6.17	7.29	8.42	9.54	10.66	11.78	12.91	14.03	15.15	16.27	17.40	
60	1.83	3.05	4.27	5.49	6.71	7.93	9.15	10.37	11.59	12.81	14.03	15.24	16.46	17.68	18.90	
66	2.12	3.54	4.95	6.36	7.78	9.19	10.61	12.02	13.43	14.85	16.26	17.68	19.09	20.51	21.92	
72	2.27	3.78	5.29	6.80	8.31	9.82	11.34	12.85	14.36	15.87	17.38	18.89	20.40	21.92	23.43	
78	2.45	4.08	5.71	7.34	8.97	10.60	12.23	13.86	15.49	17.12	18.75	20.38	22.01	23.64	25.27	
84	2.56	4.27	5.97	7.68	9.38	11.09	12.80	14.50	16.21	17.91	19.62	21.33	23.03	24.74	26.44	
90	2.85	4.75	6.65	8.55	10.45	12.35	14.25	16.16	18.06	19.96	21.86	23.76	25.66	27.56	29.46	
96	3.00	4.99	6.99	8.99	10.99	12.99	14.98	16.98	18.98	20.98	22.98	24.97	26.97	28.97	30.97	



**PRESSURE DROP
INTAKE**

NCA Manufacturing, Inc. certifies that the Model CA-XAD-4-45-GL 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 Seal applies to air performance ratings and water penetration ratings.



Water Penetration

Water Penetration Data applies to test unit size 48" x 48" only. Beginning of Water Penetration is 662 FPM Free Area Velocity.

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