



EXTRUDED ALUMINUM LOUVER

MODEL: 4-SRCF

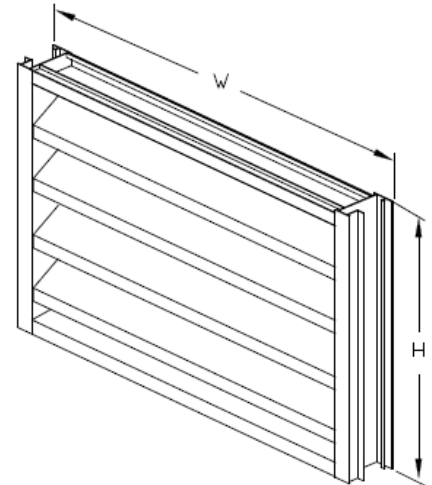
**IMPACT RESISTANT CHANNEL
FRAME LOUVER**

Miami Dade County Approved-NOA No. 13-0207.04



APPLICATION

The 4-SRCF Stationary Louver with Channel Frame is a 4" deep louver for the protection of high air intake velocities and exhaust in building exterior walls. The 4-SRCF is a capable louver with AMCA STD 500 Performance Data allowing designers to select.

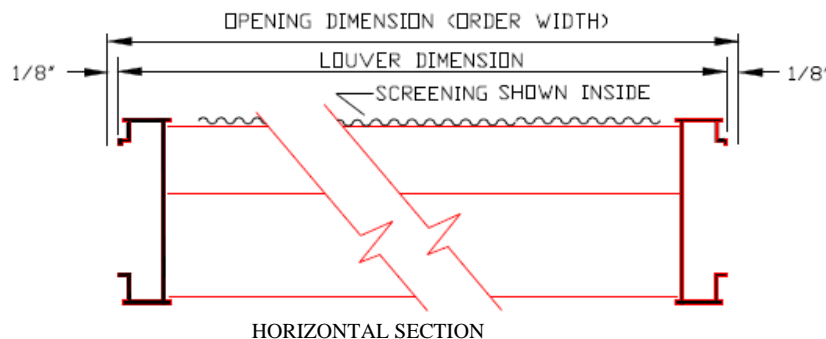
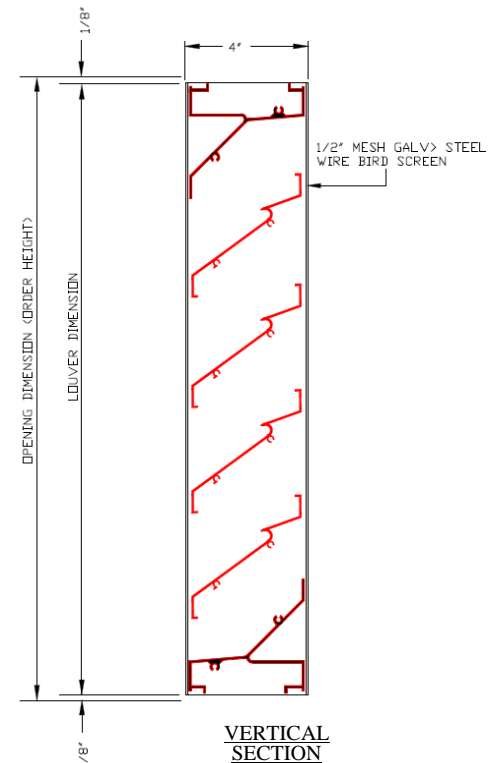


SPECIFICATIONS

- Frame:** 0.081 thick extruded aluminum
6063-T5 mill finish
- Blade:** 0.081 thick extruded aluminum
6063-T5 mill finish
- Blade Spacing:** Approximately 3-1/4" center to center (except at head and sills)
- Fasteners:** 10" x 3/4" tek screws
- Blade Angle:** 36°
- Screen:** Bird screen
1/2" x 1/2" galvanized steel
- Flange:** 1-1/4"

OPTIONS

- Insect Screen 1/16" x 1/16" aluminum
- Bird Screen 1/2" x 1/2" aluminum
- Stainless Steel Frame, Steel Frame, Copper Frame
- Finish:** Clear Anodized
Color Anodized
Powder Coat Paint
Baked Enamel Paint



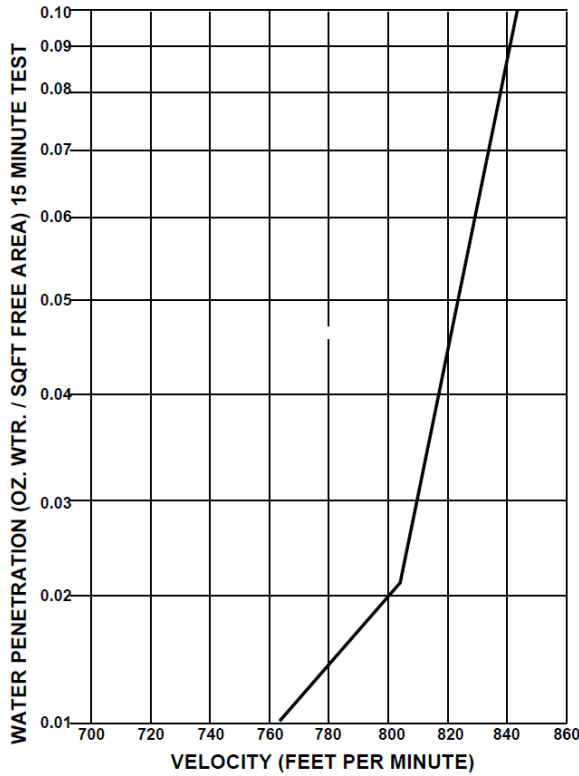


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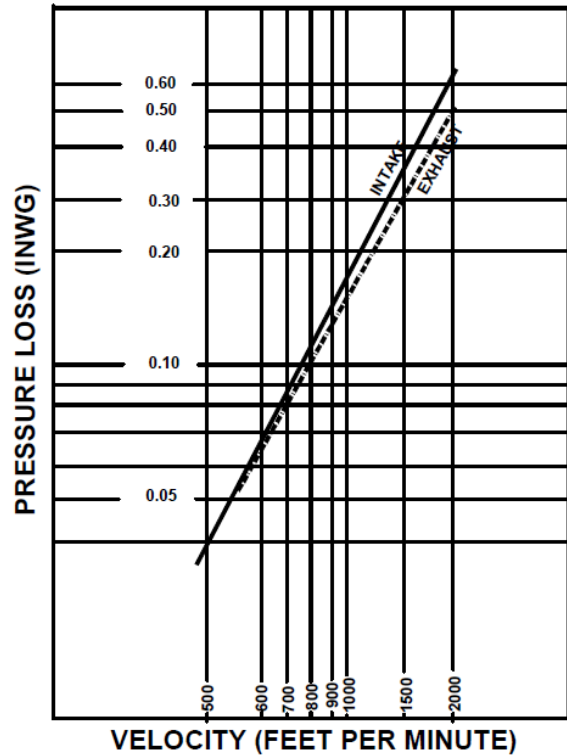
Test on a 48"x48" size louver

MODEL: 4-SRCF

WATER PENETRATION TEST



AIR RESISTANCE TEST



The beginning point of water penetration is 713 FPM @ 0.01 OZ/SQ.FT. of free area.

Performance testing in accordance with AMCA STD 500

Louver size determination

cfm /	fpm =	ft ²
air flow volume	free area velocity @ beginning point of water penetration	Required Louver Free Area

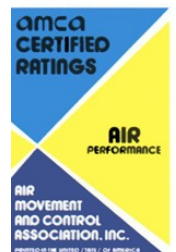
**Select louver size from Free Area Chart below,
based on required louver free area above**

**Determine pressure drop from Pressure Drop Chart
based on required louver free area above**

FREE AREA IN SQ. FT.

WIDTH

	12"	18"	24"	30"	36"	42"	48"	54"
12"	0.24	0.41	0.57	0.74	0.90	1.06	1.23	1.47
24"	0.65	1.09	1.54	1.93	2.46	2.91	3.35	3.75
30"	0.81	1.30	1.84	2.37	2.93	3.47	3.99	4.46
36"	0.99	1.75	2.46	3.18	3.93	4.64	5.34	5.98
42"	1.22	2.16	3.05	3.94	4.86	5.75	6.62	7.41
48"	1.43	2.60	3.67	4.74	5.86	6.93	7.97	8.93
54"	1.60	2.81	3.97	5.12	6.33	7.48	8.61	9.64
60"	1.80	3.26	4.59	5.93	7.33	8.66	9.96	11.16
66"	1.90	3.70	5.22	6.74	8.32	9.84	11.32	12.68
72"	2.20	3.91	5.51	7.12	8.79	10.40	11.96	13.39
78"	2.43	4.35	6.13	7.92	9.79	11.57	13.31	14.91
84"	2.61	4.77	6.72	8.68	10.72	12.68	14.59	16.34
90"	2.87	5.21	7.35	9.49	11.72	13.86	15.94	17.85



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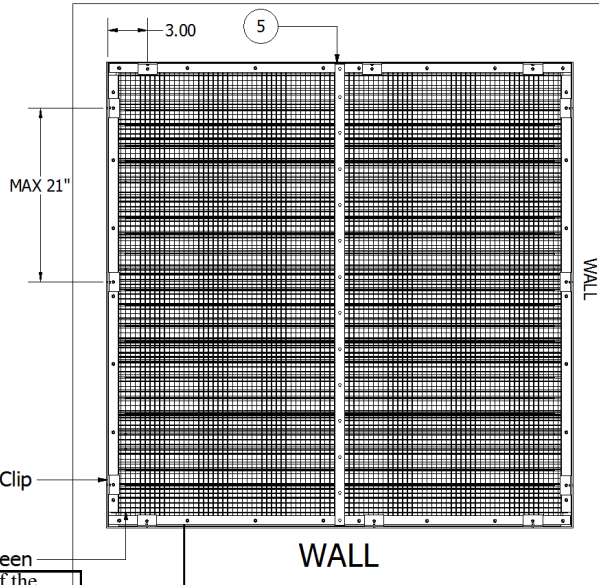
IMPACT RESISTANT LOUVER

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INSTALLATION INSTRUCTION

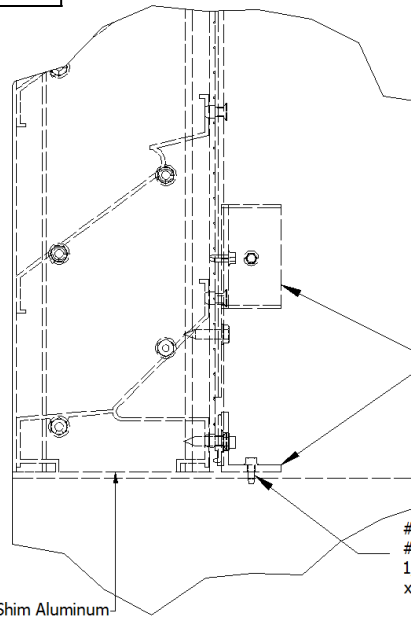
APPLICATION

The 4-SRCF Louver is a Miami-Dade Qualified and Florida Product Approved. It must be installed in accordance with the installation instruction shown below. 4-SRCF is structurally calculated to withstand positive and negative wind-loads up to ±100PSF.



The screen secures to the interior of the frame using snap-fit extruded aluminum stops and #10x3/4" long self-tapping hex head screws. The screws located at the head, sill and jamba are located at each end and spaced 7" on center

Back view of the 4-SRCF installs into the wall



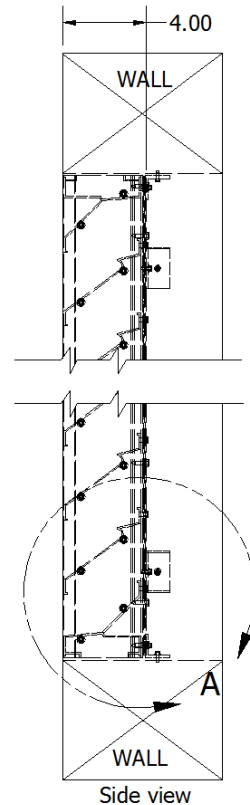
Anchor Clip
1-3/16" x 1-3/16" x 2" x 1/8"
Alloy Aluminum 6061 - T6

#10 x 1-3/4" Wood Screw or
#10-16 Kwik-Flex SDS or
1/4" x 2-1/2" Tapcon or 1/4"
x 1-3/4" Tapcon

FASTENER QUANTITIES

MAX INSIDE DIMENSION L x W	NO. FASTENERS - SUBSTRATE TYPE		
	WOOD	CONC.	STEEL
18"x18"	8	8	8
24"x24"	8	8	8
30"x30"	12	12	12
36"x36"	12	12	12
42"x42"	12	12	12
48"x48"	12	12	12

FASTENER SPACING: 3" FROM CORNERS
MAX 21" O.C.



Side view

