



EXTRUDED ALUMINUM LOUVER



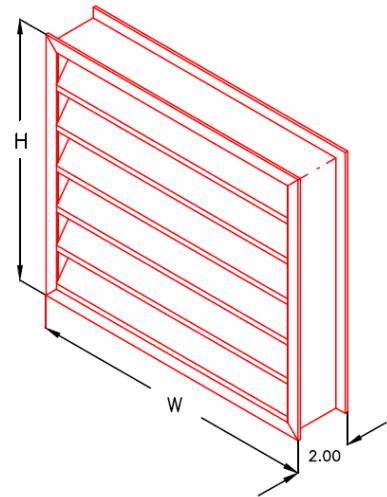
MODEL: 2-SRCF

STORM RESISTANT CHANNEL FRAME LOUVER

Miami Dade County Approved-NOA No. 14-1117.06

APPLICATION

The 2-SRCF Stationary Louver with Channel Frame is a 2" deep louver for protection of high air intake velocities and exhaust in building exterior walls. The 2-SRCF is a capable louver with AMCA STD 500 Performance Data allowing designers to select.

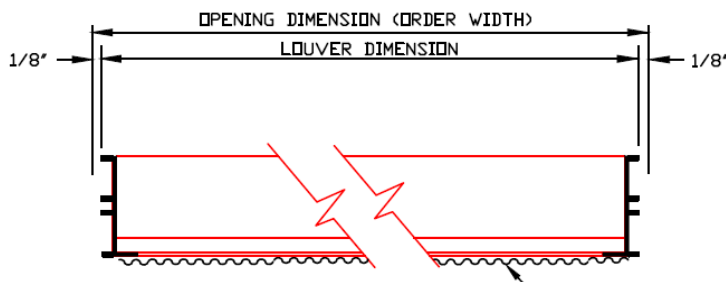
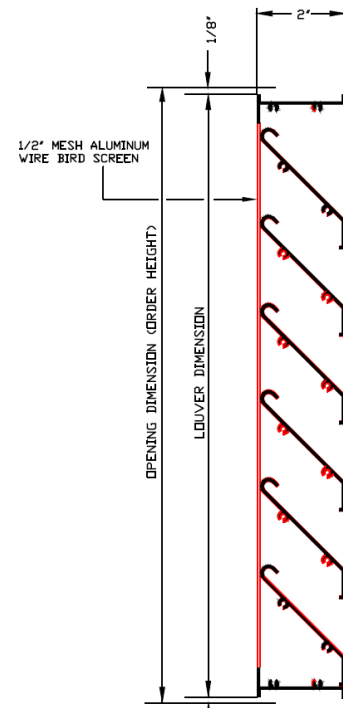
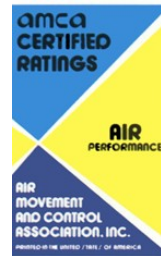


SPECIFICATIONS

- Frame:** 0.062 thick extruded aluminum
6063-T5 mill finish
- Blade:** 0.062 thick extruded aluminum
6063-T5 mill finish
- Blade Spacing:** Approximately 2-1/2" center to center
(except at head and sills)
- Fasteners:** # 6 x 3/4" tek screws
- Blade Angle:** 45°
- 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



HORIZONTAL SECTION

SCREENING
SHOWN INSIDE

VERTICAL
SECTION



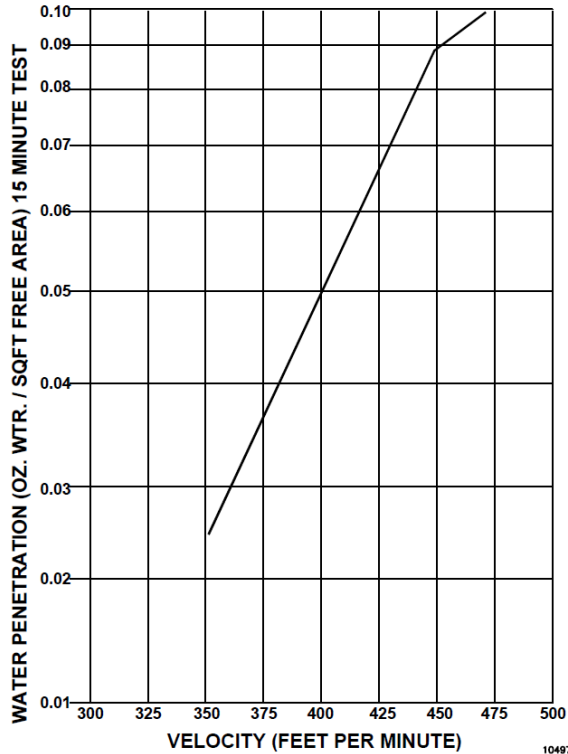


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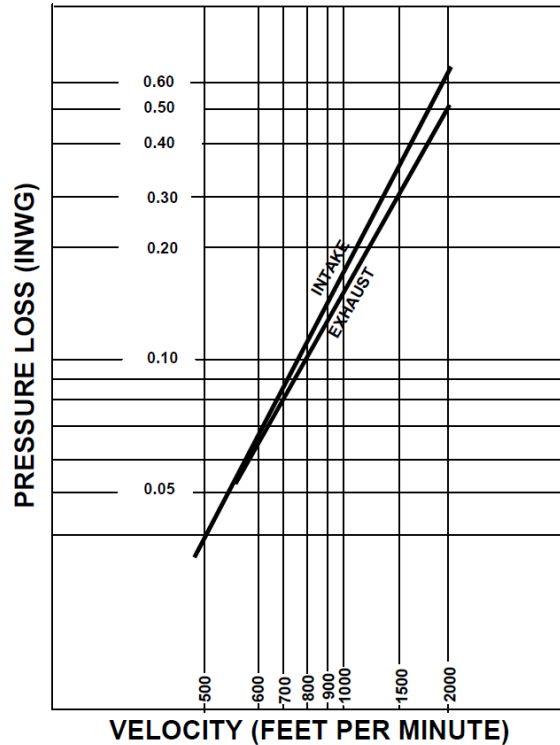
Test on a 48"x48' size louver

MODEL: 2-SRCF

WATER PENETRATION TEST



AIR RESISTANCE TEST



The beginning point of water penetration is 1059 FPM @ 0.01 OZ/SQ.FT. of free area.

Performance testing in accordance with AMCA STD 500

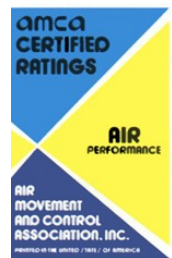
Louver size determination

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

HEIGHT	WIDTH							
	12"	18"	24"	30"	36"	42"	48"	54"
12"	0.29	0.57	0.77	0.95	1.10	1.29	1.45	1.62
24"	0.66	1.22	1.68	2.14	2.60	3.06	3.52	3.98
30"	0.87	1.58	2.17	2.75	3.35	3.94	4.53	5.12
36"	1.11	1.93	2.65	3.37	4.09	4.82	5.54	6.26
42"	1.30	2.28	3.13	3.98	4.84	5.69	6.55	7.40
48"	1.45	2.74	3.77	4.80	5.83	6.85	7.89	8.91
54"	1.69	3.09	4.25	5.41	6.57	7.73	8.90	10.05
60"	1.82	3.49	4.80	6.10	7.41	8.72	10.03	11.34
66"	2.08	3.84	5.28	6.72	8.16	9.60	11.04	12.48
72"	2.31	4.19	5.76	7.33	8.91	10.48	12.05	13.62
78"	2.39	4.54	6.24	7.95	9.65	11.35	13.05	14.76
84"	2.63	4.89	6.73	8.58	10.40	12.23	14.07	15.90
90"	2.70	5.40	7.43	9.45	11.48	13.50	15.53	17.55





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STORM RESISTANT CHANNEL

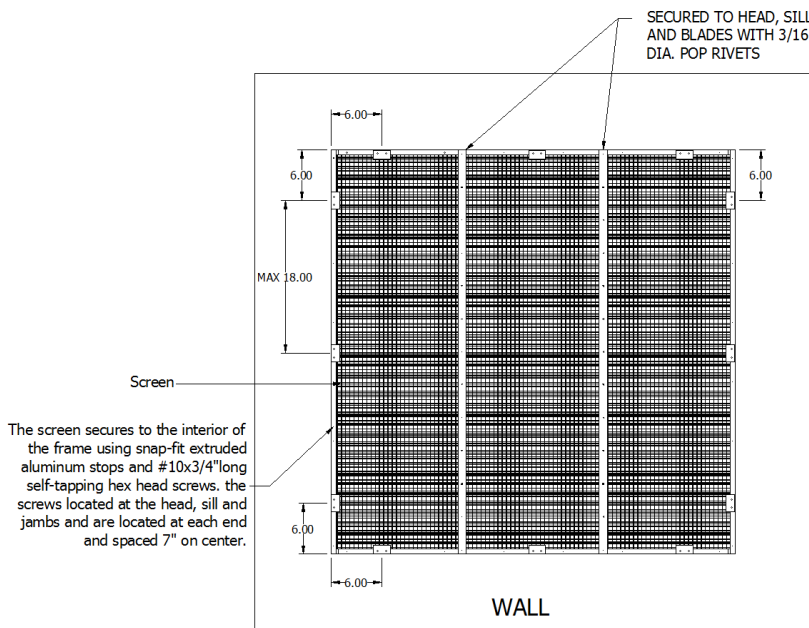
FRAME LOUVER

Miami Dade County Approved-NOA No. 14-1117.06

INSTALLATION INSTRUCTION

APPLICATION

The 2-SRCF Louver with Flange Frame is a Miami-Dade Qualified and Florida Product Approved. It must be installed in accordance with the installation instruction shown below. 2-SRCF is structurally calculated to withstand positive and negative wind-loads up to ± 75 PSF.



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 jambs and are located at each end and spaced 7" on center.

Back view of the 2-SRCF installs into the wall

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: 6" FROM CORNERS
MAX 18" O.C.

