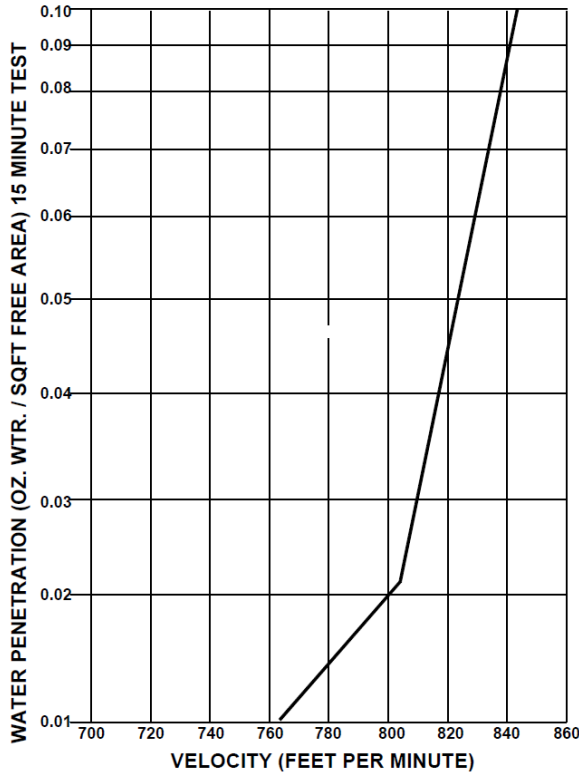




EXTRUDED ALUMINUM LOUVER

Test on a 48"x48' size louver
WATER PENETRATION TEST

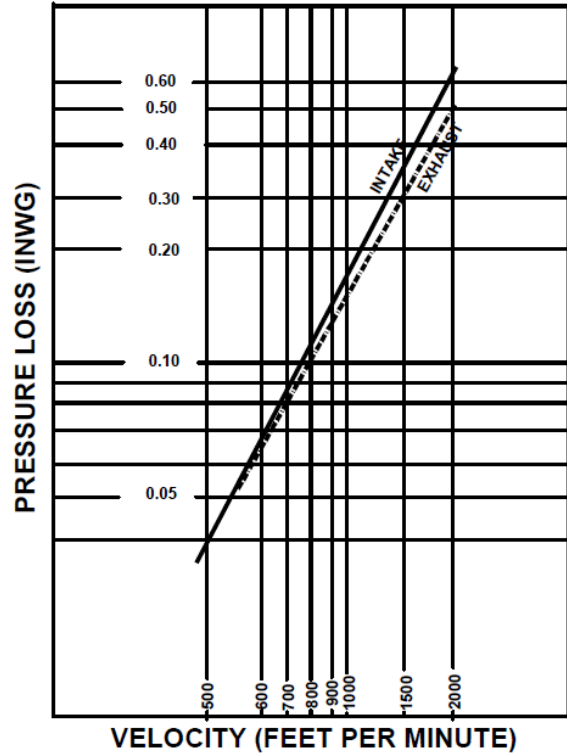


The beginning point of water penetration is 713 FPM @ 0.01 OZ/SQ.FT. of free area.

Performance testing in accordance with AMCA STD 500

MODEL: 4-SRF

AIR RESISTANCE TEST



Louver size determination

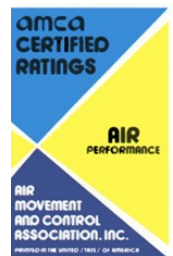
air flow volume	cfm /	free area velocity @ beginning point of water penetration	fpm =	Required Louver Free Area	ft ²
-----------------	-------	---	-------	---------------------------	-----------------

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"	0.24	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



231 Commerce Dr. Montgomeryville, PA 18936
Tel: 215-412-4445 Fax: 215-412-4409
Email: lloydind@firedamper.com

138 Industrial Loop West, Orange Park, FL 32073
Tel: 904-541-1655 Fax: 904-541-1657
Email: lloydind1@bellsouth.net

B1, 4/F., Luen Ming Hing Factory Building
36 Mok Cheong St.,
To Kwa Wan, Kowloon, H. K.
Tel: 852-2760-4188 Fax: 852-2760-4177
Email: tatanlexyim@lloydasia.com





EXTRUDED ALUMINUM LOUVER

MODEL: 4-SRF

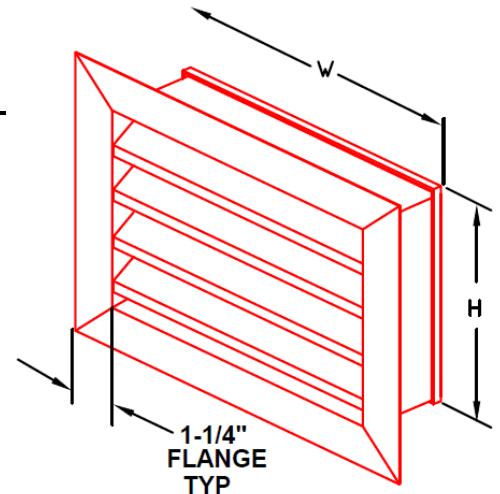
IMPACT RESISTANT LOUVER

Miami Dade Approved-NOA No. 12-0207.04



APPLICATION

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

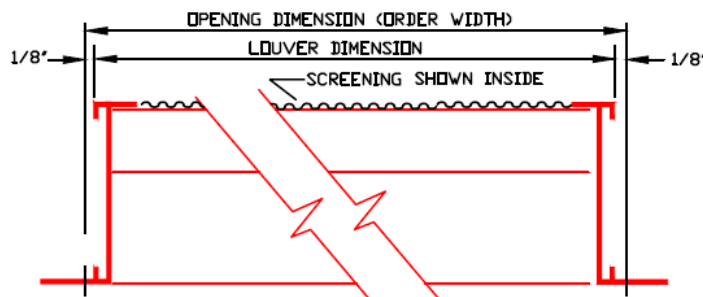
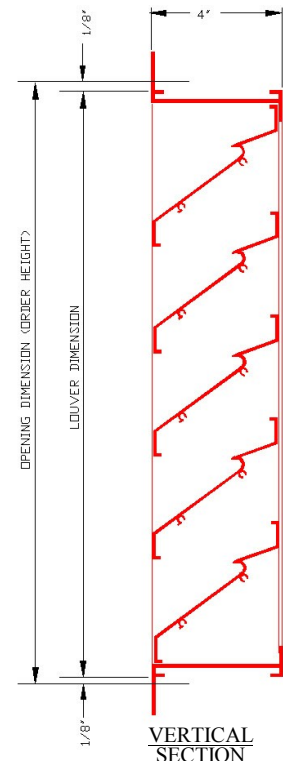
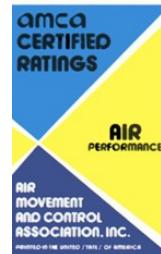


SPECIFICATIONS

- Frame:** 0.081 thick extruded aluminum
6063-T5 mill finish
- Blade:** 0.081 thick extruded aluminum
6063-T5 mill finish
- Blade Spacing:** 3-1/4" centers 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
- Finish:** Clear Anodized
Color Anodized
Powder Coat Paint
Baked Enamel Paint



HORIZONTAL SECTION

VERTICAL SECTION

