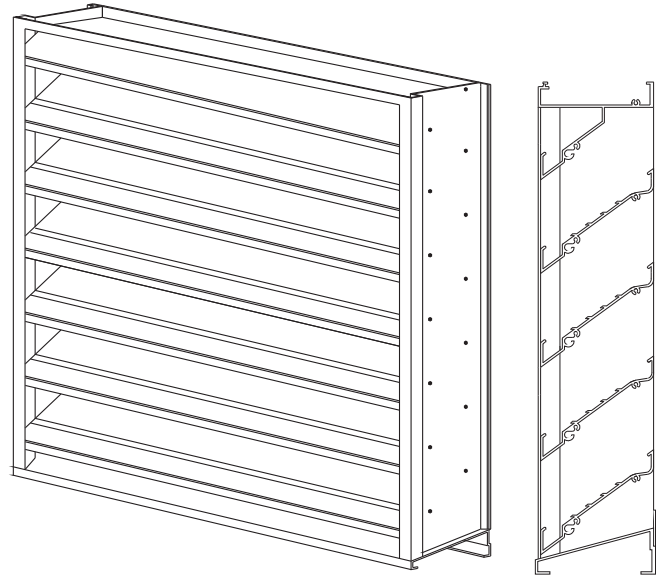




Model 436-SD

Extruded Aluminum Louver

Free Area: 60%



Specifications

Application:

The 436-SD stationary, drainable, louver is designed to prevent water penetration in building exterior walls for non-wind-driven rain applications. Water is channeled away from the face of the louver via built-in drain gutters into vertical downspouts that allow the water to drain at the sloped sill. The 436-SD is an AMCA certified louver.

Standard Construction:

Material: Mill finish 6063-T5 extruded aluminum
 Frame: Heavy gauge 4" x .081" thick
 Blade: 36° drainable .081" thick - spaced 3.25" apart
 Bird Screen: Expanded metal

Sizes:

Minimum: 12"W x 12"H
 Single-Section Maximum: 84"W x 120"H
 120"W x 84"H

Frame Styles:

Standard: Flush Box - No Flange
Optional: Bottom Flange Only
 Full Perimeter Flange

Options:

Insect Screen: Front or Back
 Mounting Sleeves: 8", 10", 12", 14", or 16"

Performance Features:

60% Free Area
 Published performance ratings based on testing in accordance with AMCA Standard 500-L
 Beginning Point of Water Penetration:
 Free Area Velocity: 868.8 fpm (4.41 m/s)
 Air Volume Delivered: 7,994.8 cfm (3.77 m/s)

Certified Ratings:

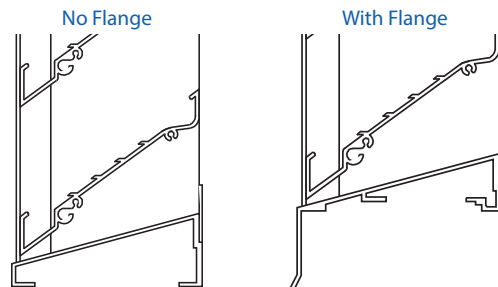


Aire Technologies certifies MODEL 436-SD shown here is licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and complies with the requirements of the AMCA.

Note:

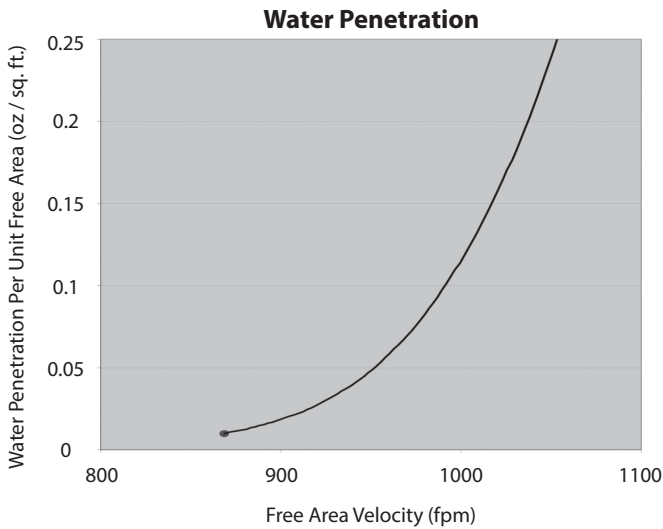
All 436-SD Louvers are built 1/4" under size both directions unless ordered actual size.

Frame Styles

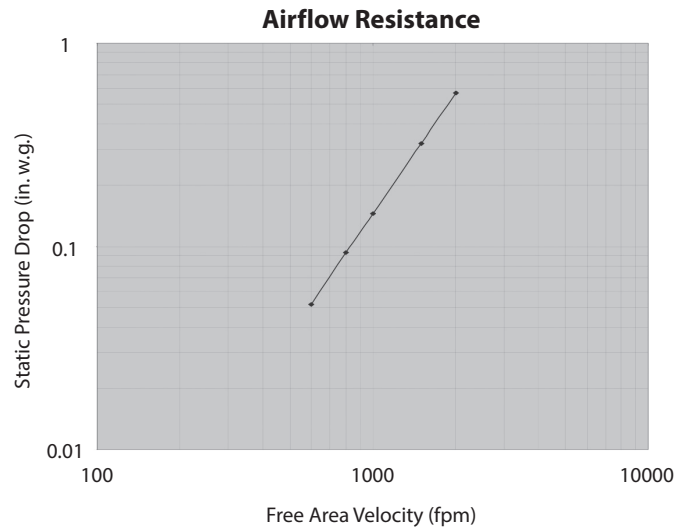


Free Area Chart For 436-SD (Sq. Ft)

		Width in Inches												
		12.00	18.00	24.00	30.00	36.00	42.00	48.00	54.00	60.00	66.00	72.00	78.00	84.00
Height in Inches	12	0.39	0.63	0.87	1.12	1.36	1.61	1.85	2.09	2.34	2.58	2.82	3.07	3.31
	18	0.67	1.10	1.52	1.94	2.37	2.79	3.21	3.64	4.06	4.49	4.91	5.33	5.76
	24	0.93	1.51	2.10	2.68	3.27	3.85	4.44	5.02	5.61	6.20	6.78	7.37	7.95
	30	1.18	1.93	2.67	3.41	4.16	4.90	5.65	6.39	7.14	7.88	8.62	9.37	10.11
	36	1.43	2.34	3.24	4.14	5.05	5.95	6.85	7.76	8.66	9.57	10.47	11.37	12.28
	42	1.67	2.73	3.78	4.83	5.89	6.94	7.99	9.05	10.10	11.16	12.21	13.26	14.32
	48	1.94	3.16	4.39	5.61	6.83	8.05	9.28	10.50	11.72	12.95	14.17	15.39	16.62
	54	2.24	3.66	5.07	6.48	7.90	9.31	10.73	12.14	13.55	14.97	16.38	17.79	19.21
	60	2.52	4.10	5.69	7.27	8.86	10.44	12.03	13.62	15.20	16.79	18.37	19.96	21.54
	66	2.77	4.51	6.26	8.00	9.75	11.49	13.24	14.98	16.73	18.47	20.22	21.96	23.71
	72	3.02	4.92	6.83	8.73	10.64	12.54	14.44	16.35	18.25	20.16	22.06	23.96	25.87
	78	3.24	5.29	7.33	9.37	11.42	13.46	15.51	17.55	19.59	21.64	23.68	25.72	27.77
	84	3.53	5.75	7.98	10.20	12.42	14.65	16.87	19.09	21.32	23.54	25.77	27.99	30.21
	90	3.81	6.22	8.62	11.03	13.43	15.83	18.24	20.64	23.04	25.45	27.85	30.26	32.66
96	4.10	6.68	9.27	11.85	14.43	17.02	19.60	22.19	24.77	27.35	29.94	32.52	35.10	
102	4.36	7.10	9.85	12.59	15.34	18.08	20.83	23.57	26.32	29.06	31.81	34.55	37.30	
108	4.61	7.51	10.42	13.32	16.23	19.13	22.03	24.94	27.84	30.75	33.65	36.56	39.46	
114	4.86	7.92	10.99	14.05	17.11	20.18	23.24	26.31	29.37	32.43	35.50	38.56	41.62	
120	5.10	8.31	11.53	14.74	17.95	21.17	24.38	27.60	30.81	34.02	37.24	40.45	43.66	



Beginning of water penetration per AMCA Publication 511 Subsection C3.2 based on AMCA measured free area: 868.8 fpm. Test duration was 15 min and test size was 48" x 48".



The performance shown is done at standard air density, 0.075lbs./ft. The pressure drop data applies to the intake side of the test unit that was 48" x 48" only.



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