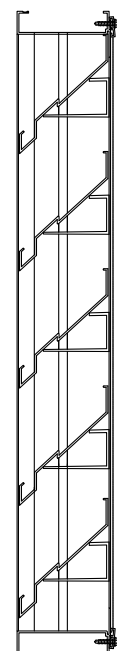
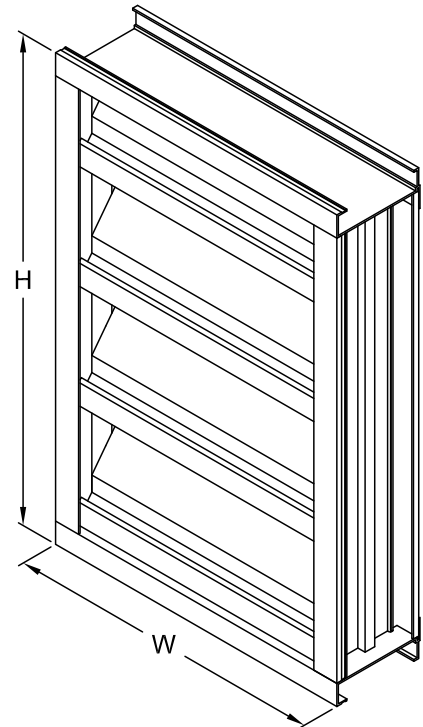

STATIONARY LOUVER DRAINABLE BLADE

DESCRIPTION

L-4D is a weather louver designed to protect air intake and exhaust openings in building exterior walls. Design incorporates stationary drainable blades, sloped sill and high free area to provide maximum resistance to rain and weather while providing minimum resistance to airflow.

STANDARD CONSTRUCTION

- Frame:** 100 mm deep channel, 2.0 mm thick extruded aluminum
- Blades:** 2.0 mm thick extruded aluminium
37° and 45° angle on 100 mm centres
- Screen:** 13 mm removable expanded aluminium bird screen. Located on interior
- Construction:** Mechanically fastened and welded
- Finish:** Mill with touch up on welds
- Dimensions:** Minimum size: 300 mm x 300 mm
Maximum size: 2400 mm x 2400 mm
(single section)
Maximum multiple section size: Unlimited
“W” (width) and “H” (height) are opening sizes. Louvers are made 6 mm undersized.



SIDE VIEW

OPTIONS

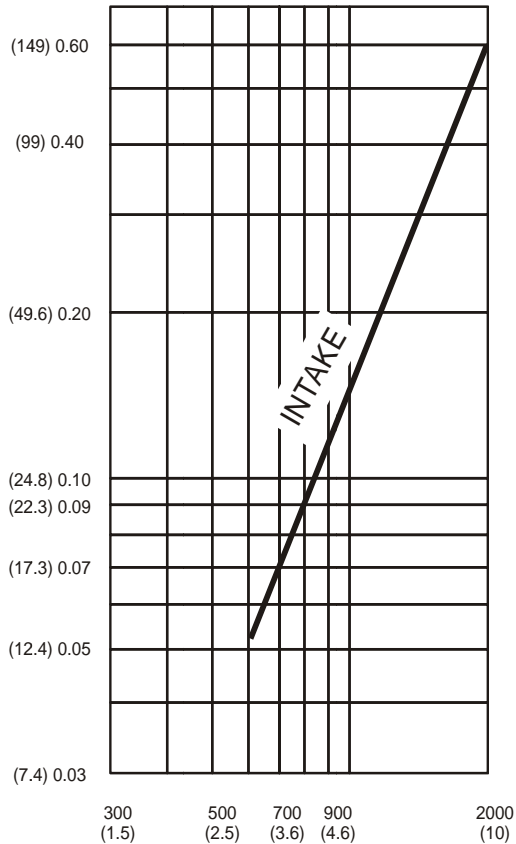
- Variety of Bird and Insect Screens
- Flanged Frame
- Filter Rack
- Washable Filters
- Hinged Frame
- Clip Angles
- 3.0 mm Thickness Aluminum Construction
- Selection of Finishes: Super Durable Polyester Powder coatings, Kynar / PVF and anodized.

L-4D PERFORMANCE DATA

Below performance charts are based on tests performed at Cert-Aire Laboratory at Arlington Heights, Illinois based on AMCA Publication 511 for Air Performance and Water Penetration.

Free Area: 51% for 48" x 48" (1.22m x 1.22m) test size.

PRESSURE DROP



FREE AREA IN SQUARE FEET (sq. meters)

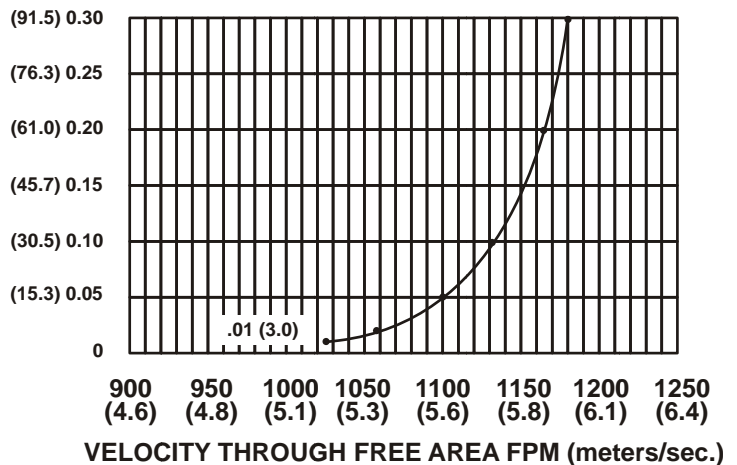
		WIDTH								
		in.	12	24	36	48	60	72	84	96
HEIGHT	mm	304	609	914	1219	1524	1828	2133	2438	
	12	0.17	0.39	0.60	0.82	1.04	1.23	1.45	1.66	
	304	0.02	0.04	0.06	0.08	0.10	0.11	0.13	0.15	
	24	0.66	1.53	2.39	3.25	4.11	4.87	5.73	6.59	
	609	0.06	0.14	0.22	0.30	0.38	0.45	0.53	0.61	
	36	1.16	2.67	4.18	5.68	7.19	8.51	10.02	11.52	
	914	0.11	0.25	0.39	0.53	0.67	0.79	0.93	1.07	
	48	1.66	3.81	5.96	8.11	10.27	12.15	14.30	16.45	
	1219	0.15	0.35	0.55	0.75	0.95	1.13	1.33	1.53	
	60	2.16	4.95	7.75	10.55	13.34	15.79	18.59	21.38	
1524	0.20	0.46	0.72	0.98	1.24	1.47	1.73	1.99		
72	2.65	6.09	9.54	12.98	16.42	19.43	22.87	26.31		
1828	0.25	0.57	0.89	1.21	1.53	1.81	2.12	2.44		
84	3.15	7.24	11.32	15.41	19.49	23.07	27.16	31.24		
2133	0.29	0.67	1.05	1.43	1.81	2.14	2.52	2.90		
96	3.65	8.38	13.11	17.84	22.57	26.71	31.44	36.17		
2438	0.34	0.78	1.22	1.66	2.10	2.48	2.92	3.36		

VELOCITY THROUGH FREE AREA FPM (meters/sec.)

standard air - .075 lbs. per cu. ft.

Ratings do not include the effect of a bird screen

WATER PENETRATION



Both maximum recommended free area velocity and beginning of water penetration are **1026 fpm (5.21 m/s)** at standard air- 075 lbs. per cu. ft. The above water penetration data is based on mill finish, 48" x 48" test size.

