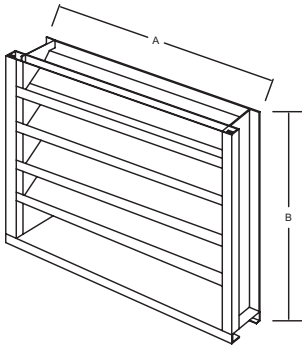


Extruded Aluminum Drainable Blade Fixed Louver

HVAC/R fact Sheet



Front View

Note: Above "A" and "B" dimensions are undersized by $\frac{1}{2}$ " + or - normal tolerance of .0625".



**Side View
Flanged Frame**

Extruded Aluminum Drainable Blade Fixed Louver Models 20UA33 - 20UA85

Heavy duty Extruded Aluminum construction designed to protect the air intake and exhaust openings in the exterior walls of any building from rain and weather while still providing efficient airflow. The drainable blade design provides the best protection against water entering the opening by channeling water away from the blades and down the jambs. This eliminates water cascading from blade to blade. Aluminum finish is ready for you to paint in the field or leave as mill finish.

Standard Construction:

Frame

- 4" deep channel x .080 thick Extruded Aluminum.

Blades

- Drainable style, .080 thick Extruded Aluminum, positioned at a 45 degree angle and spaced approximately 4" centers.

Construction

- Screwed.

Birdscreen

- $\frac{1}{2}$ " Flattened Aluminum in a removable frame mounted on the interior.

Finish

- Mill.

Minimum Size

- 12" W x 12" H.

Maximum Single Section Size

- 60" W x 96" H.

Flange

- 1- $\frac{1}{2}$ " Flange, .080 thick Extruded Aluminum.

Performance Data

AMCA Standard 500-L provides a method for testing and rating louvers. These tests were performed under certain sets of laboratory conditions. These performance ratings do not guarantee that other environmental conditions may actually occur. Use safety factors when selecting louver sizes based upon performance.

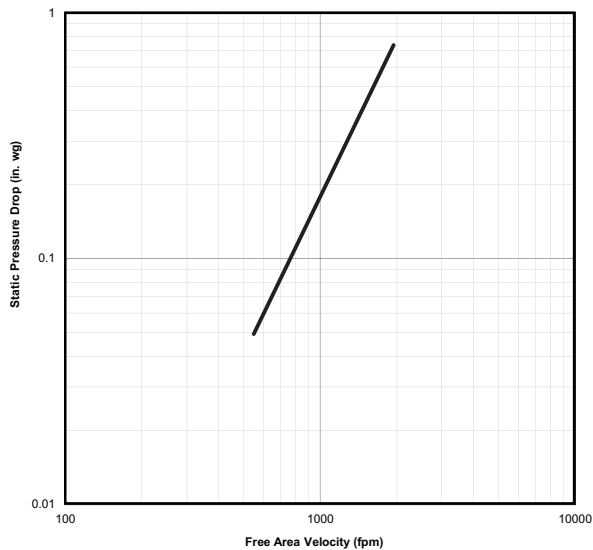
Free Area Chart (Sq. ft.):

		Louver Width in Inches							
		18	24	30	36	42	48	54	60
Louver Height in Inches	18	1.00	1.40	1.81	2.21	2.61	3.01	3.41	3.81
	24	1.25	1.76	2.26	2.76	3.26	3.76	4.26	4.76
	30	1.76	2.46	3.16	3.86	4.56	5.26	5.97	6.67
	36	2.01	2.81	3.61	4.41	5.21	6.02	6.82	7.62
	42	2.51	3.51	4.51	5.51	6.52	7.52	8.52	9.53
	48	2.76	3.86	4.96	6.07	7.17	8.37	9.37	10.48
	54	3.26	4.56	5.87	7.17	8.47	9.78	11.08	12.38
	60	3.51	4.91	6.32	7.72	9.12	10.53	11.93	13.34
	66	4.01	5.62	7.22	8.82	10.43	12.03	13.64	15.24
	72	4.26	5.97	7.67	9.37	11.08	12.78	14.49	16.19
	78	4.76	6.67	8.57	10.48	12.38	14.29	16.19	18.10
	84	5.01	7.02	9.02	11.03	13.03	15.04	17.04	19.05
	90	5.51	7.72	9.93	12.13	14.34	16.54	18.75	20.95
96	5.77	8.07	10.38	12.68	14.99	17.30	19.60	21.91	

PRESSURE DROP

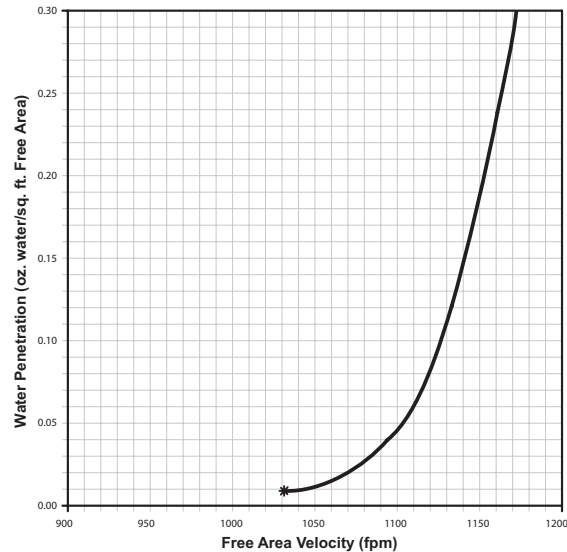
Standard Air - .075 lbs per cubic foot
Test size - 48" x 48" (Intake)

Ratings do not include the effect of a birdscreen



WATER PENETRATION

Standard Air - .075 lbs per cubic foot
Test size - 48" x 48" for a 15 minute duration



The beginning point of water penetration at .01 oz./sq. ft. is 1031 fpm free area velocity.

Call or visit your local branch or go to grainger.com/dayton for complete product line information



Find it at Grainger.

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