

MODEL A435

4" Deep • 37° Drainable Blade • Extruded Aluminum Louver

STANDARD MATERIALS AND CONSTRUCTION

- FRAME:** .081" thick nominal; 6063-T6/T52 extruded aluminum alloy
- BLADES:** .081" thick nominal; 6063-T6/T52 extruded aluminum alloy
- ASSEMBLY:** Mechanically fastened
- SCREEN:** 1/2" x .051" flattened aluminum birdscreen
- FINISH:** Mill

OPTIONS

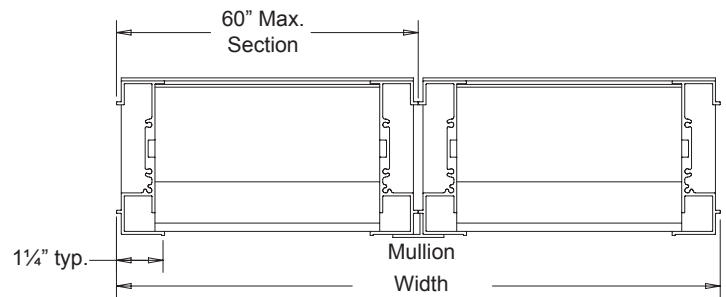
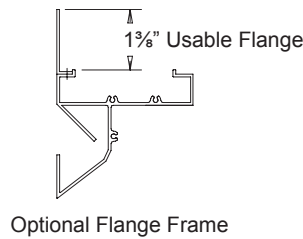
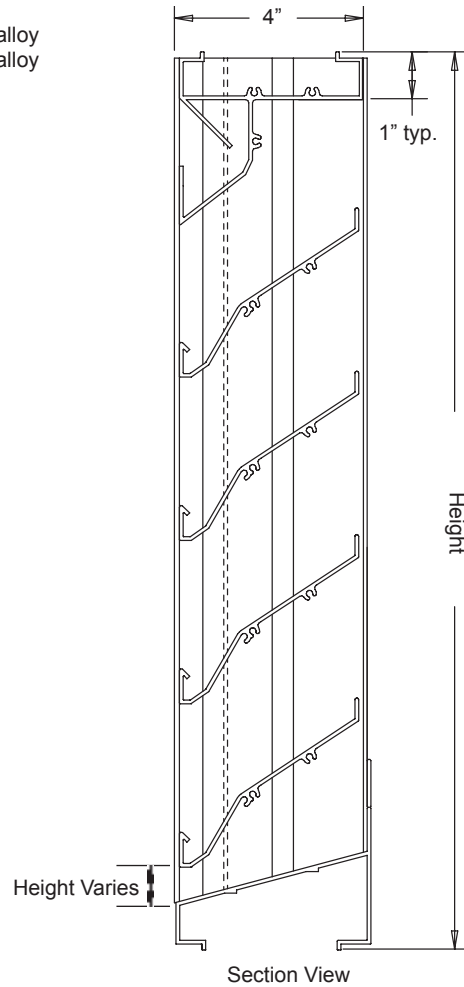
- Finish - Baked Enamel, Kynar, or Anodize
- Variety of Bird and Insect Screen
- 1 3/8" Usable Flange Frame
- Welded Construction
- Blank-off Panels
- .125 Nominal Construction

NOTES

1. "A" width and "B" height are opening dimensions. Louvers are provided approximately 1/2" undercut.
2. Shipping weight approximately 5 lbs./sq.ft.

LOUVER SIZES

Panels	Min Panel	Max Single Panel
A435	12"W x 12"H	60"W x 96"H



air balance

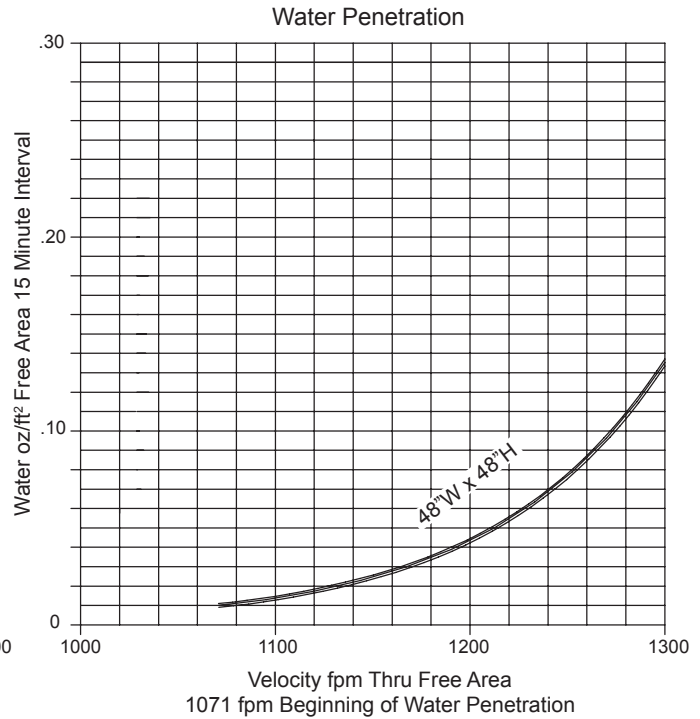
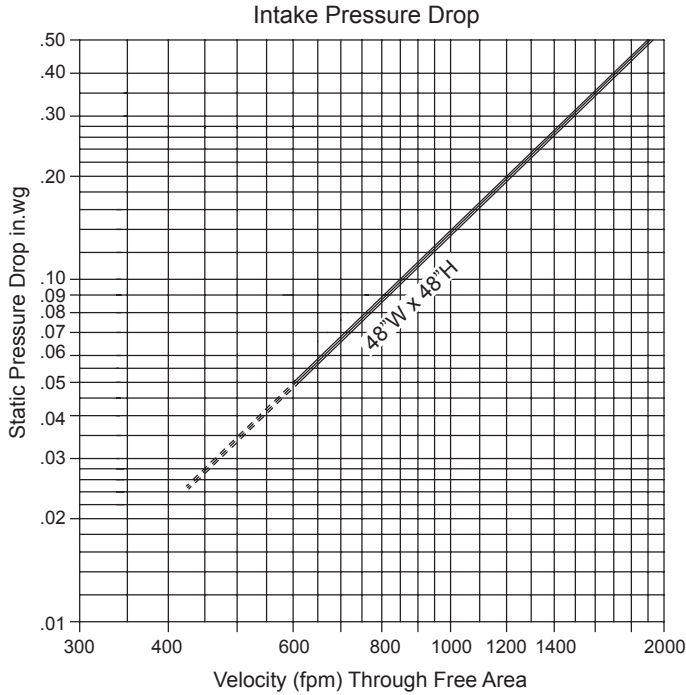
Dampers  Louvers
 UL Life Safety Products
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Water Penetration: At 1000 fpm recommended maximum free area velocity
 Pressure Drop: 0.16 in.wg at 1071 fpm and 9714 scfm
 Free Area: 9.07 sq.ft. = 57% for 48"W x 48"H test size

Results do not include the effects of birdscreen.



Free Area sq.ft

		Width								
		12"	18"	24"	30"	36"	42"	48"	54"	60"
Height	12"	0.33	0.53	0.74	0.95	1.16	1.36	1.57	1.77	1.98
	24"	0.80	1.30	1.81	2.31	2.82	3.32	3.82	4.33	4.83
	36"	1.26	2.05	2.84	3.64	4.43	5.23	6.02	6.81	7.61
	48"	1.84	3.00	4.16	5.32	6.48	7.64	9.07	9.97	11.13
	60"	2.25	3.68	5.10	6.52	7.95	9.37	10.79	12.21	13.64
	72"	2.83	4.62	6.41	8.20	9.99	11.78	13.57	15.36	17.15
	84"	3.29	5.37	7.45	9.53	11.61	13.69	15.77	17.85	19.93
	96"	3.82	6.23	8.64	11.05	13.47	15.88	18.29	20.70	23.11



Air Balance certifies that the Model A435 shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with the AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified ratings seal applies to Air Performance Ratings and Water Penetration Ratings.

