

# MODEL A430

4" Deep • 37° Straight 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

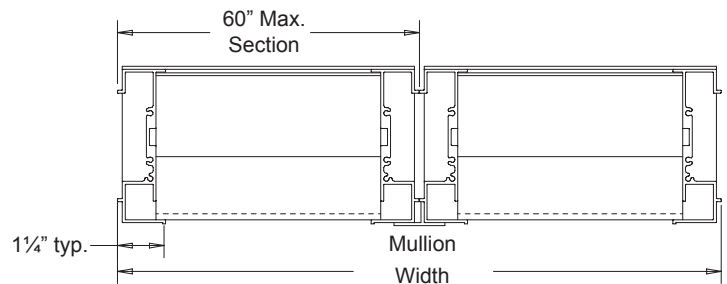
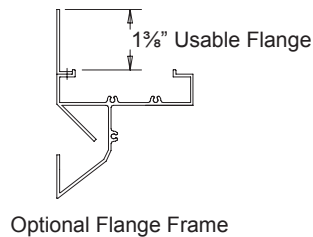
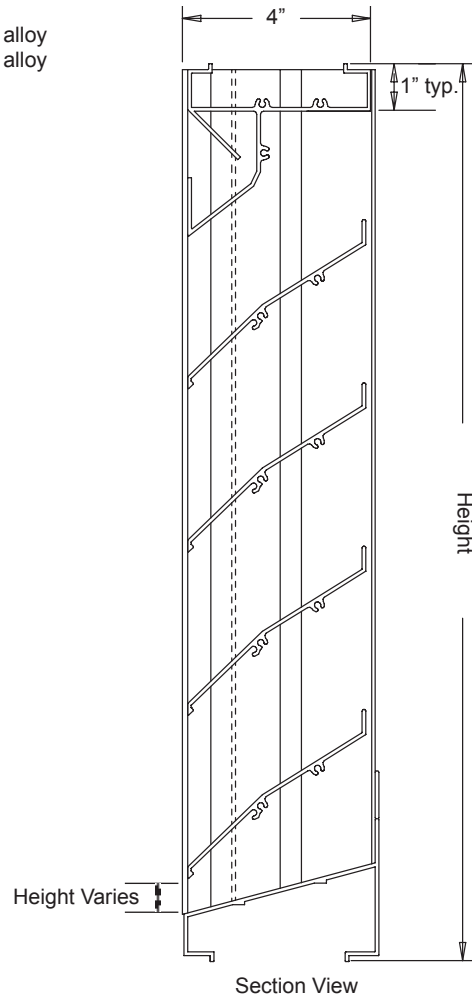
- Finish - Baked Enamel, Kynar, or Anodize
- Variety of Bird and Insect Screen
- 1 3/8" Usable Flange Frame Welded Construction
- Blank-off Panels
- .125" Thick Nominal Construction
- Continuous Line Construction

## 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
A430	12"W x 12"H	60"W x 96"H



air balance

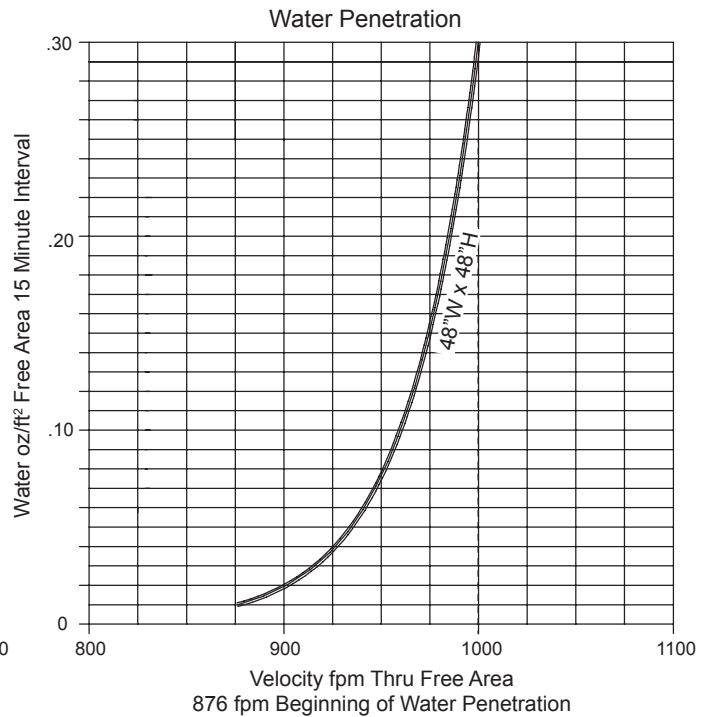
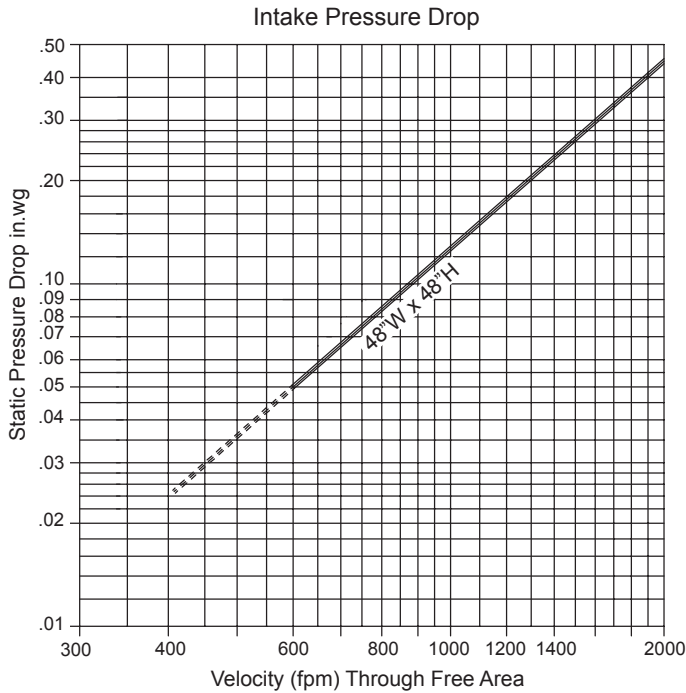
Dampers  Louvers  
 UL Life Safety Products  
 Division of Mestek  
 Member of AMCA

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Water Penetration: At 800 fpm recommended maximum free area velocity  
 Pressure Drop: 0.10 in.wg at 876 fpm and 8024 scfm  
 Free Area: 9.16 sq.ft. = 57% for 48"W x 48"H test size

Ratings do not include the effect of birdscreen.



Free Area sq.ft

		Width								
		12"	18"	24"	30"	36"	42"	48"	54"	60"
Height	12"	0.32	0.53	0.74	0.94	1.15	1.35	1.56	1.76	1.97
	24"	0.82	1.34	1.86	2.38	2.90	3.42	3.94	4.46	4.98
	36"	1.31	2.14	2.96	3.79	4.62	5.45	6.27	7.10	7.93
	48"	1.93	3.15	4.36	5.58	6.81	8.02	9.16	10.45	11.67
	60"	2.37	3.87	5.37	6.86	8.36	9.86	11.35	12.85	14.35
	72"	2.99	4.88	6.76	8.65	10.54	12.42	14.31	16.20	18.08
	84"	3.48	5.67	7.87	10.06	12.26	14.45	16.65	18.84	21.04
	96"	4.04	6.59	9.14	11.69	14.24	16.79	19.34	21.89	24.44



Air Balance certifies that the Model A430 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.

