

MODEL A424

4" Deep • 45° Dual 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

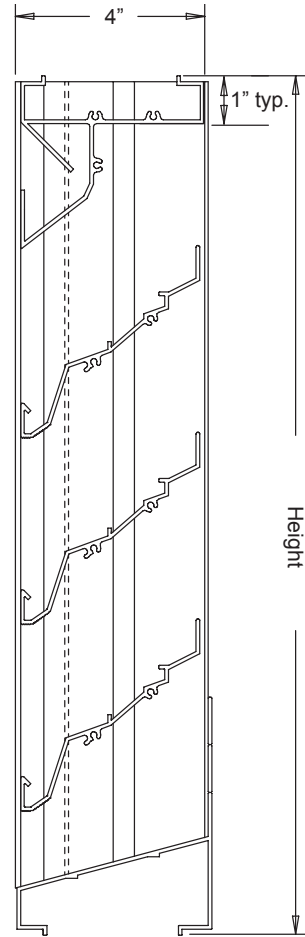
- Finish - Baked Enamel, Kynar, or Anodize
- Variety of Bird and Insect Screen
- 1 3/8" Usable Flange Frame
- Welded Construction
- Blank-off Panels
- .125 Nominal Construction

NOTES

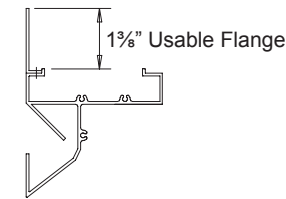
1. "A" width and "B" height are opening dimensions. Louvers are provided approximately 1/2" undercut.
2. Shipping weight approximately 4 lbs./sq.ft.

LOUVER SIZES

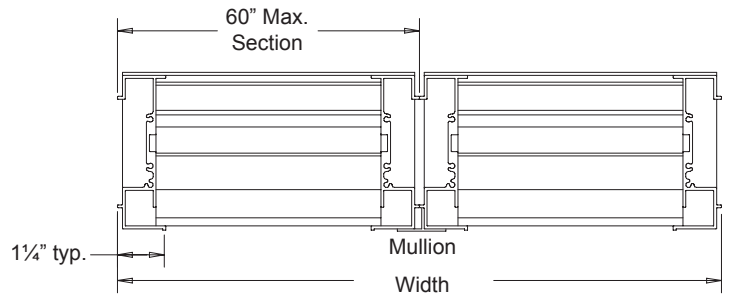
Panels	Min Panel	Max Single Panel
A424	12"W x 12"H	60"W x 96"H



Section View



Optional Flange Frame



air balance

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

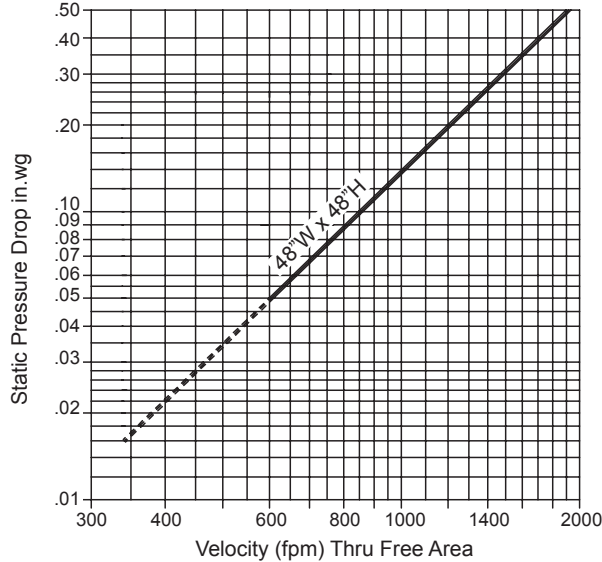
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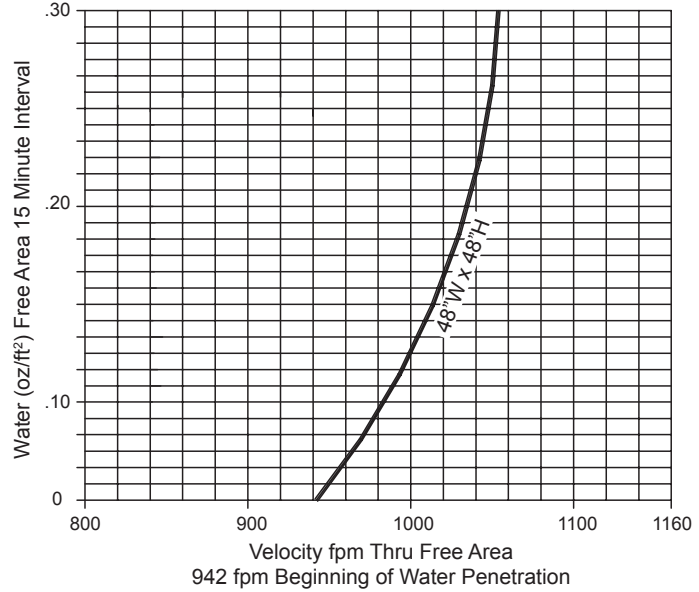
Water Penetration: At 1100 fpm recommended maximum free area velocity
 Pressure Drop: 0.15 in.wg at 1075 fpm and 8998 scfm
 Free Area: 8.37 sq.ft. = 52% for 48"W x 48"H test size

Ratings do not include the effect of birdscreen.

Intake Pressure Drop



Water Penetration



Free Area sq.ft

		Width								
		12"	18"	24"	30"	36"	42"	48"	54"	60"
Height	12"	0.31	0.50	0.70	0.90	1.09	1.29	1.48	1.68	1.87
	24"	0.81	1.31	1.82	2.33	2.84	3.35	3.86	4.36	4.87
	36"	1.30	2.12	2.94	3.77	4.59	5.41	6.23	7.05	7.87
	48"	1.80	2.93	4.07	5.20	6.34	7.47	8.37	9.74	10.87
	60"	2.29	3.74	5.19	6.64	8.08	9.53	10.98	12.43	13.88
	72"	2.79	4.55	6.31	8.07	9.83	11.59	13.35	15.12	16.88
	84"	3.28	5.36	7.43	9.51	11.58	13.65	15.73	17.80	19.88
	96"	3.78	6.17	8.55	10.94	13.33	15.72	18.10	20.49	22.88



Air Balance Inc. certifies that the Model A424 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.

