

# MODEL A440

4" Deep • 30° Baffle Blade • Extruded Aluminum Louver

## STANDARD MATERIALS AND CONSTRUCTION

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

## OPTIONS

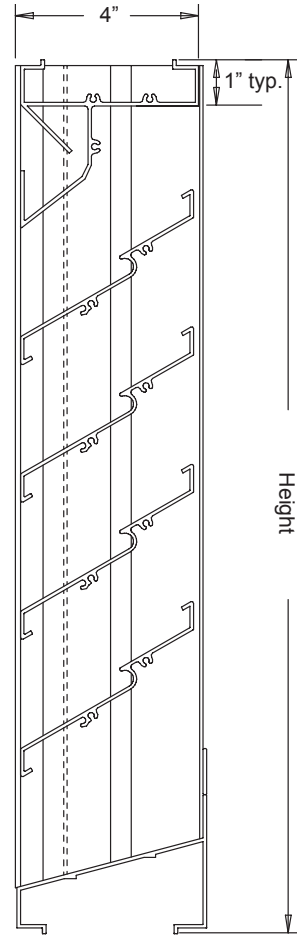
- Finish - Baked Enamel, Kynar, or Anodize
- Variety of Bird and Insect Screen
- 1 3/8" Usable Flange Frame
- Welded Construction
- Blank-off Panels

## NOTES

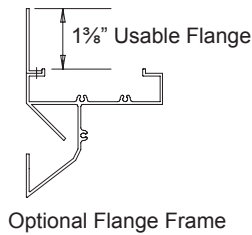
1. "A" width and "B" height are opening dimensions. Louvers are provided approximately 1/2" undercut.
2. Shipping weight approximately 5.2 lbs./sq.ft.

## LOUVER SIZES

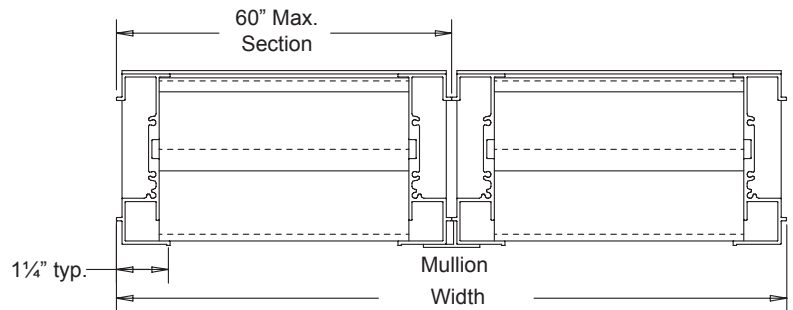
Panels	Min Panel	Max Single Panel
A440	12"W x 12"H	60"W x 96"H



Section View



Optional Flange Frame



air balance

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

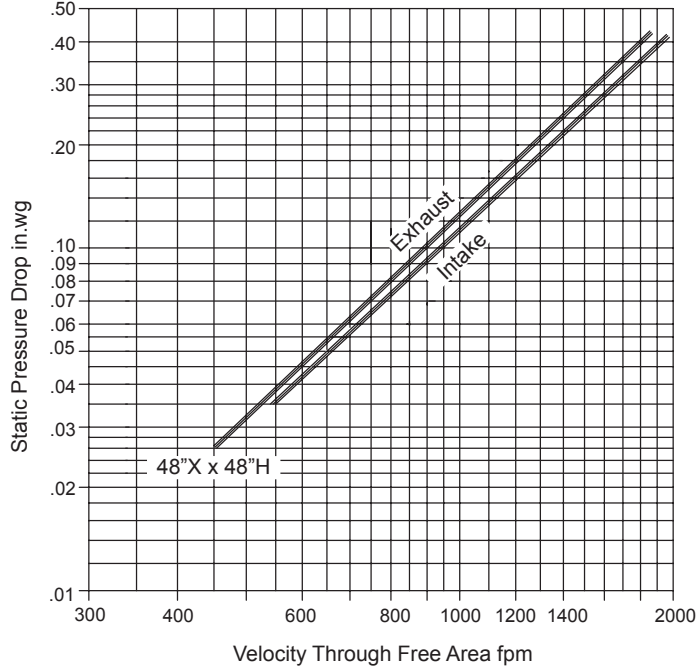
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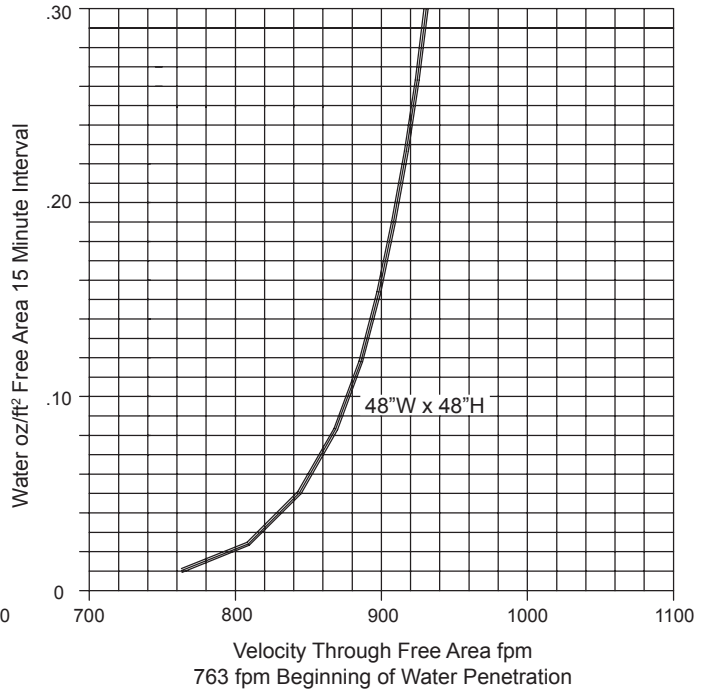
Water Penetration: 700 fpm recommended maximum free area velocity  
 Pressure Drop: 0.07 in.wg at 800 fpm and 6128 scfm  
 Free Area: 7.66 sq.ft. = 47.9% for 48"W x 48"H test size

Ratings do not include the effect of a birdscreen.

Intake Pressure Drop



Water Penetration



Free Area sq.ft.

		Width								
		12"	18"	24"	30"	36"	42"	48"	54"	60"
Height	12"	0.32	0.51	0.71	0.91	1.10	1.30	1.50	1.70	1.89
	24"	0.74	1.21	1.68	2.15	2.62	3.08	3.55	4.02	4.49
	36"	1.17	1.91	2.65	3.39	4.13	4.87	5.61	6.35	7.08
	48"	1.60	2.61	3.62	4.63	5.64	6.65	7.66	8.67	9.68
	60"	2.03	3.31	4.59	5.87	7.15	8.43	9.71	10.99	12.28
	72"	2.46	4.01	5.56	7.11	8.66	10.22	11.77	13.32	14.87
	84"	2.89	4.71	6.53	8.35	10.18	12.00	13.82	15.64	17.47
	96"	3.32	5.41	7.50	9.60	11.69	13.78	15.88	17.97	20.06

air balance

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