

# MODEL A486

4" Deep • Chevron Vertical Blade • Sightproof Extruded Aluminum Louver

## STANDARD MATERIALS AND CONSTRUCTION

- FRAME:** .081" thick; 6063-T6/T52 extruded aluminum alloy
- BLADES:** .081" thick; 6063-T6/T52 extruded aluminum alloy
- BLADE SPACING:** 3"
- ASSEMBLY:** Mechanically fastened
- SCREEN:** 1/2" x .051" flattened aluminum birdscreen
- FINISH:** Mill

## OPTIONS

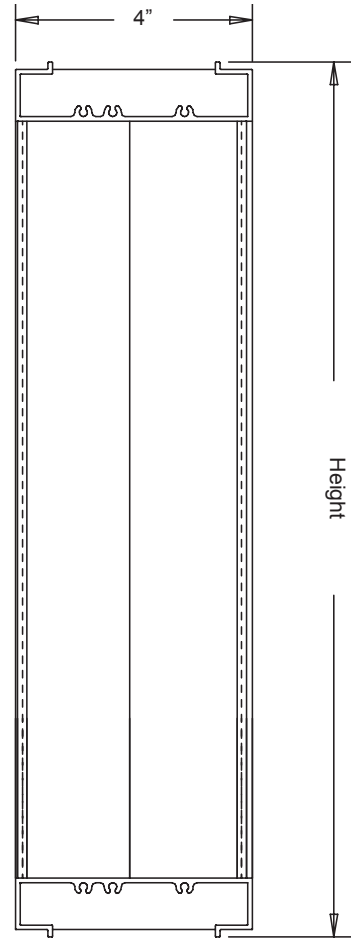
- Finish - Baked Enamel, Kynar, or Anodize
- Variety of Bird and Insect Screen
- 1 1/8" Usable Flange Frame
- Welded Construction
- Blank-off Panels

## NOTES

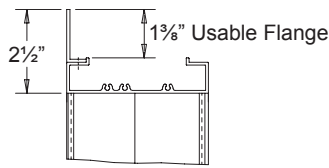
1. "A" width and "B" height are opening dimensions. Louvers are provided approximately 1/2" undercut.
2. Shipping weight approximately 5 lbs./sq.ft.

## LOUVER SIZES

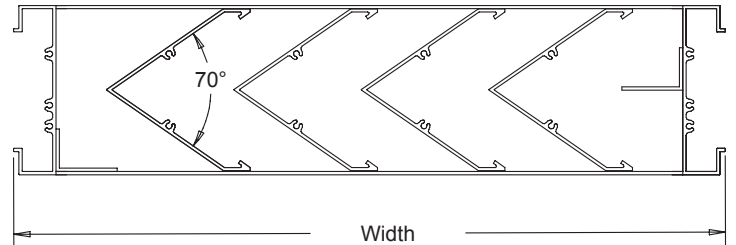
Panels	Min Panel	Max Single Panel
A486	12"W x 12"H	60"W x 96"H



Section View



Optional Flange Frame



air balance

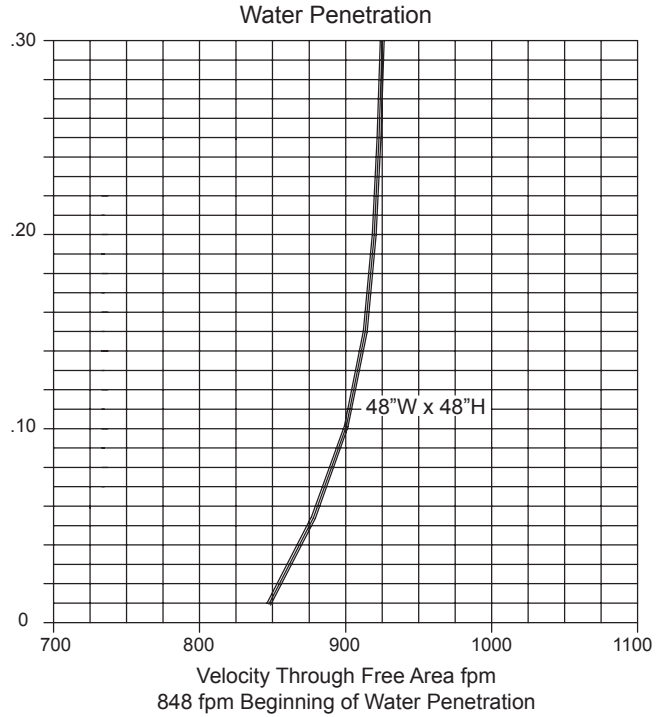
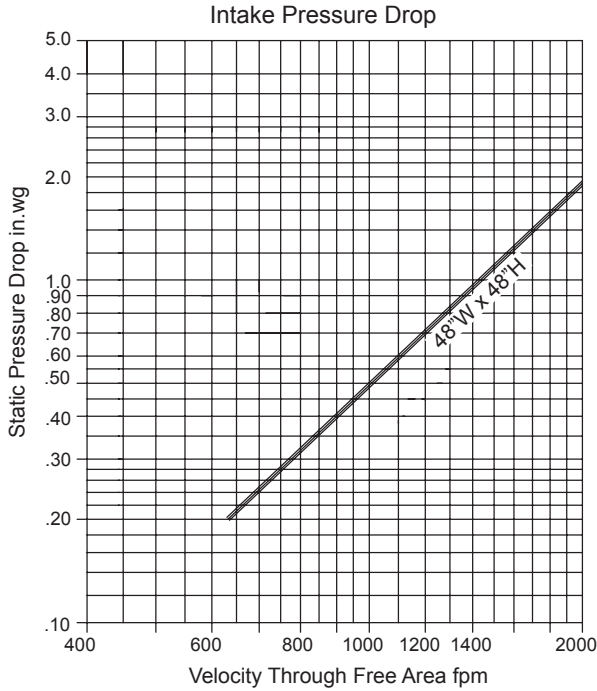
Dampers  Louvers  
 UL Life Safety Products  
 Division of Mestek  
 Member of AMCA

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Water Penetration: At 800 fpm recommended maximum free area velocity  
 Pressure Drop: 0.50 in.wg at 1000 fpm and 6220 scfm  
 Free Area: 6.22 sq.ft. = 38.9% 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"	0.27	0.40	0.53	0.67	0.80	0.93	1.07	1.20	1.33
	24"	0.70	1.04	1.39	1.74	2.09	2.43	2.78	3.13	3.48
	36"	1.13	1.69	2.25	2.81	3.38	3.94	4.50	5.06	5.63
	48"	1.55	2.33	3.11	3.89	4.66	5.44	6.22	6.99	7.77
	60"	1.98	2.98	3.97	4.96	5.95	6.94	7.93	8.93	9.92
	72"	2.41	3.62	4.83	6.03	7.24	8.45	9.65	10.86	12.07
	84"	2.84	4.26	5.68	7.11	8.53	9.95	11.37	12.79	14.21
	96"	3.27	4.91	6.54	8.18	9.82	11.45	13.09	14.72	16.36

