

MODEL A485

4" Deep • Chevron 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

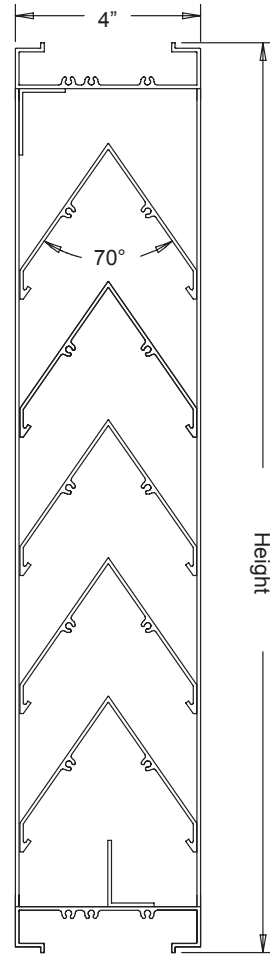
- Finish - Baked Enamel, Kynar, or Anodize
- Variety of Bird and Insect Screen
- 1 1/8" Usable Flange Frame (Front Face Only)
- Welded Construction
- Blank-off Panels

NOTES

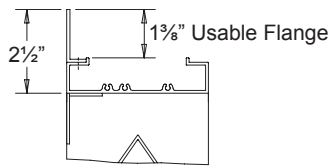
1. "A" width and "B" height are opening dimensions. Dampers are provided 1/4" undercut.
2. Shipping weight approximately 5 lbs./sq.ft.

LOUVER SIZES

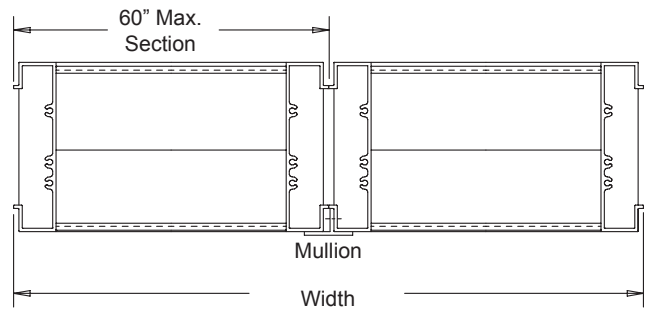
Panels	Min Panel	Max Single Panel
A485	12"W x 12"H	96"W x 60"H



Section View



Optional Flange Frame



air balance

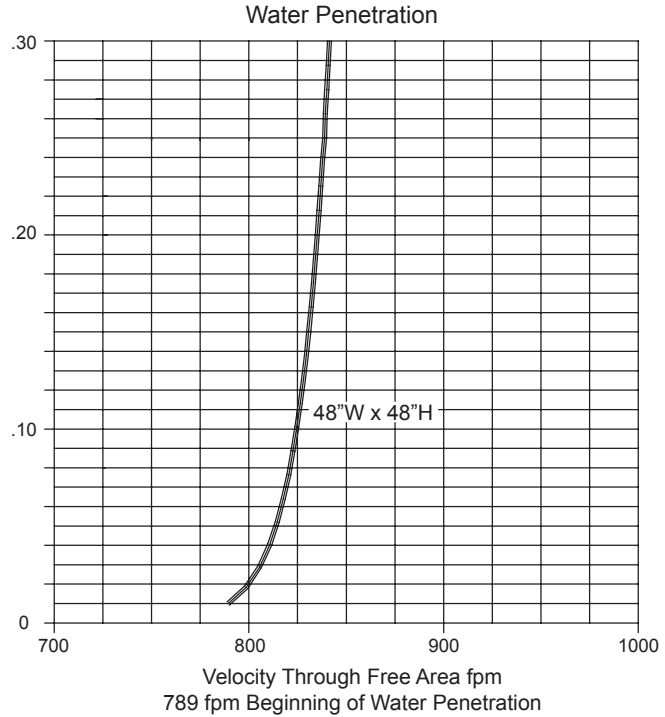
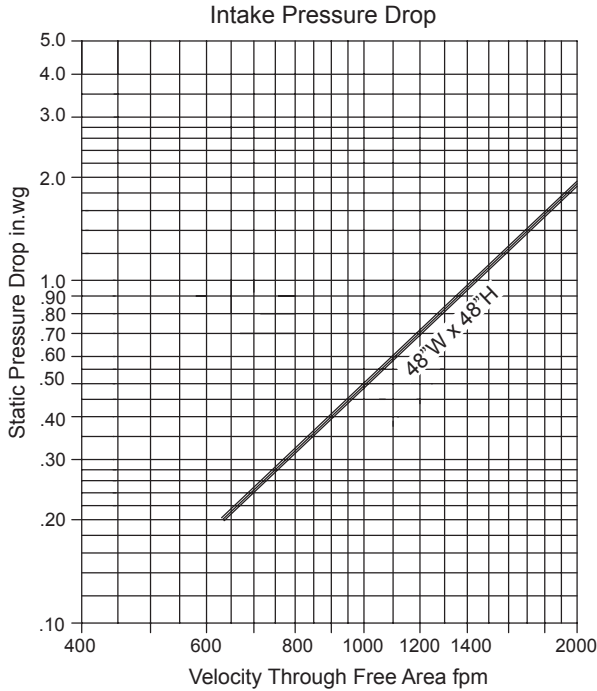
Dampers  Louvers
 UL Life Safety Products
 Division of Mestek
 Member of AMCA

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Water Penetration: At 750 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 a 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