

Extruded Aluminum Louver

EL85

4" Deep • Chevron Blade • Sightproof Stationary Louver

STANDARD 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

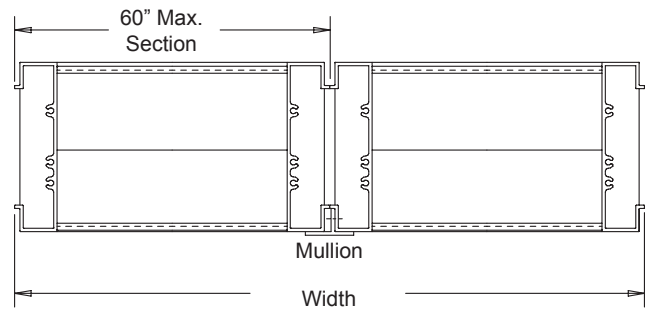
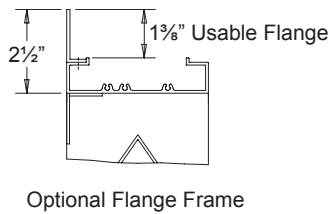
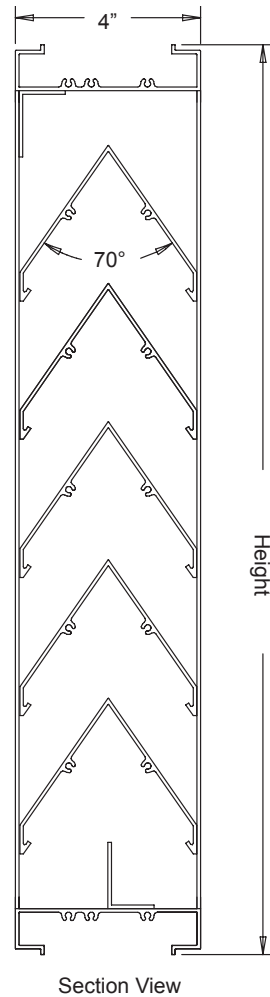
- Finish - Baked Enamel, Kynar, or Anodize
- Variety of Bird and Insect Screen
- 1 3/8" Usable Flange Frame (Front Face Only)
- Welded Construction
- Blank-off Panels

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.

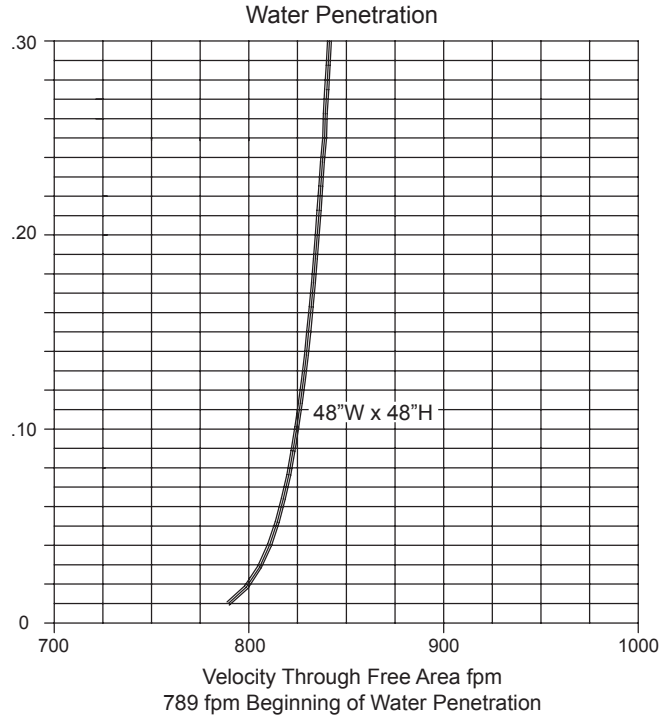
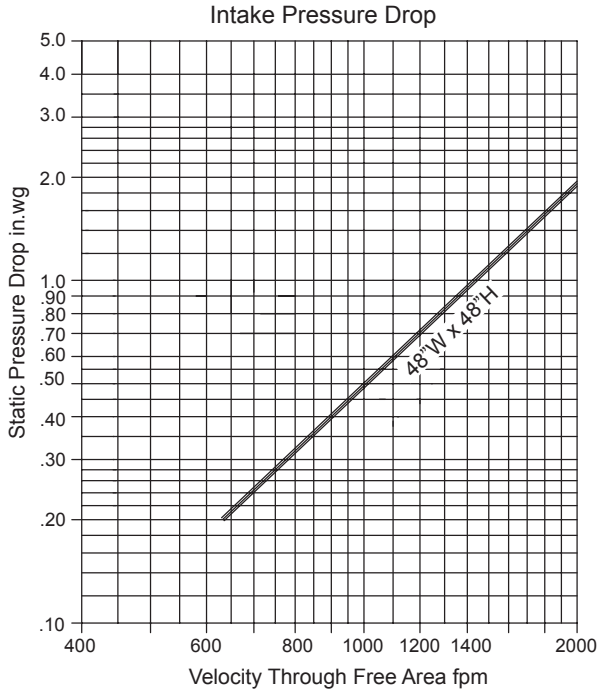
LOUVER SIZE

Panels	Min Panel	Max Single Panel
EL85	12"W x 12"H	96"W x 60"H



Water Penetration: 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