

# Extruded Aluminum Louver

**EL27**

4" Deep • 30° Baffle Blade • Stationary Louver

### STANDARD 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

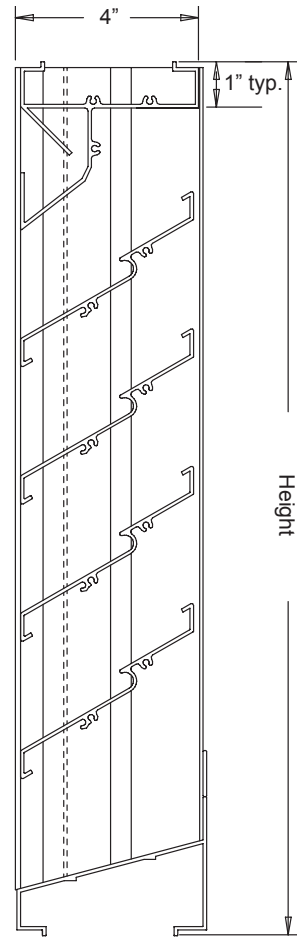
- Finish - Baked Enamel, Kynar, or Anodize
- Variety of Bird and Insect Screen
- 1 5/8" Usable Flange Frame
- Welded Construction
- Blank-off Panels

### NOTES

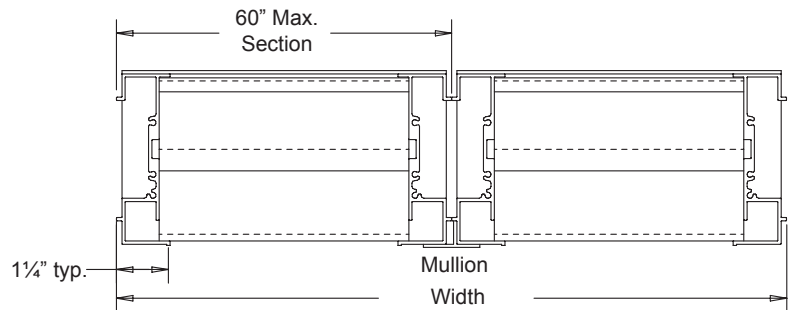
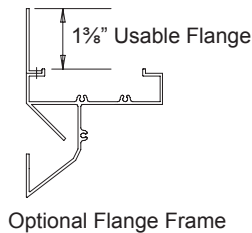
1. "A" width and "B" height are opening dimensions. Louvers are provided approximately 1/2" undercut.
2. Shipping weight approximately 5.2 lbs./sq.ft.

### LOUVER SIZE

Panels	Min Panel	Max Single Panel
EL27	12"W x 12"H	60"W x 96"H

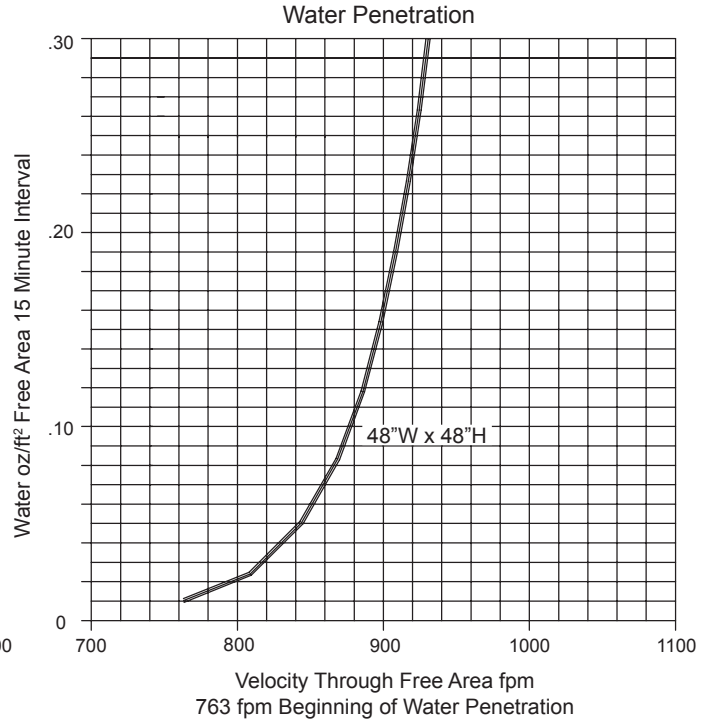
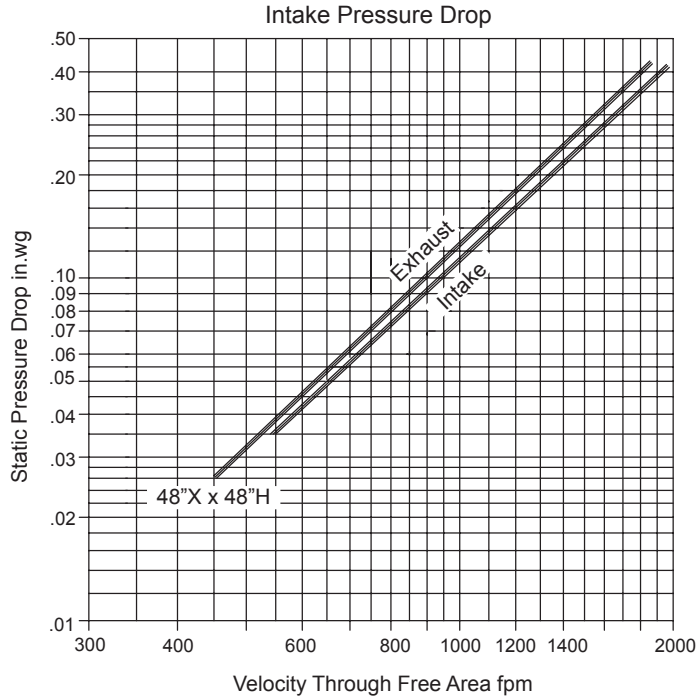


Section View



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.



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