

Extruded Aluminum Louver

EL47

4" Deep • 45° Straight Blade • Stationary Louver

STANDARD CONSTRUCTION

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

OPTIONS

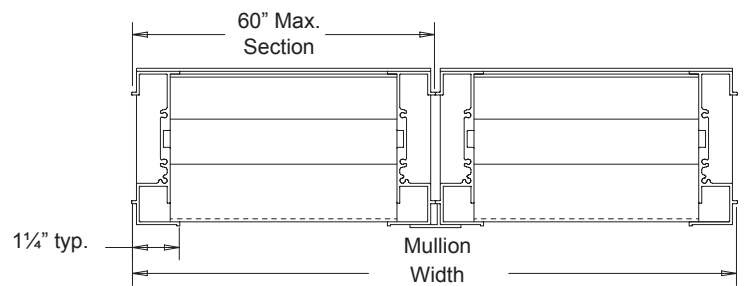
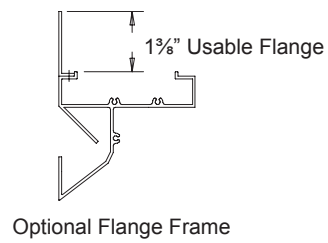
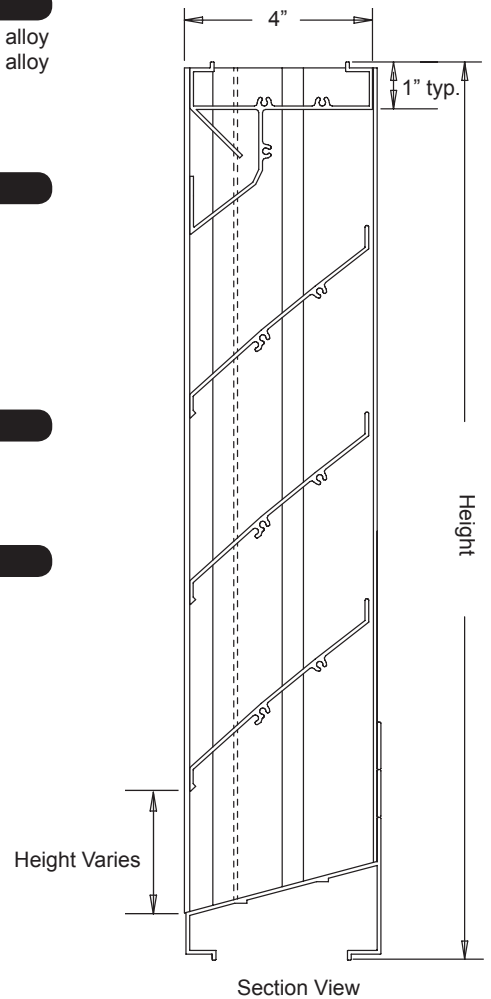
- Finish - Baked Enamel, Kynar, or Anodize
- Variety of Bird and Insect Screen
- 1 3/8" Usable Flange Frame
- Welded Construction
- Blank-off Panels
- .125 Nominal Construction
- Continuous Line Construction

NOTES

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

LOUVER SIZE

Panels	Min Panel	Max Single Panel
EL47	12"W x 12"H	60"W x 96"H



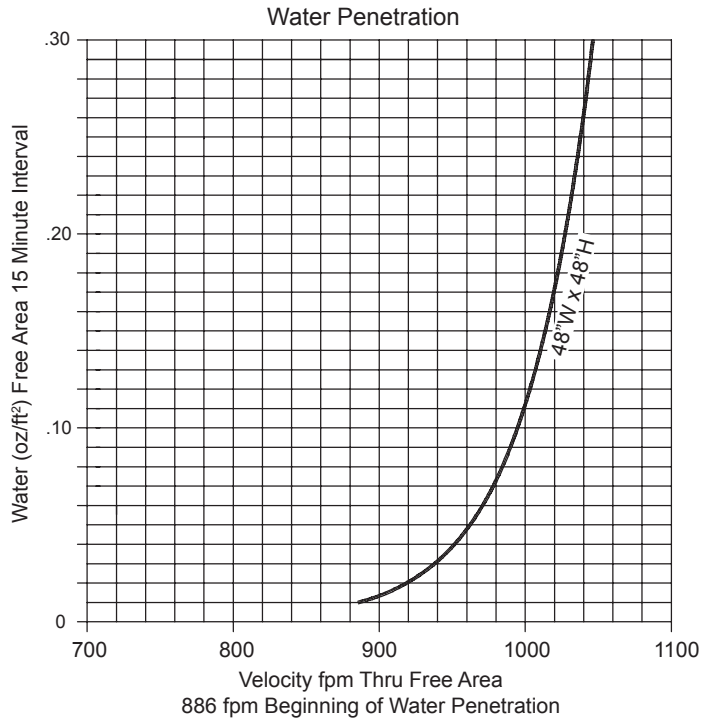
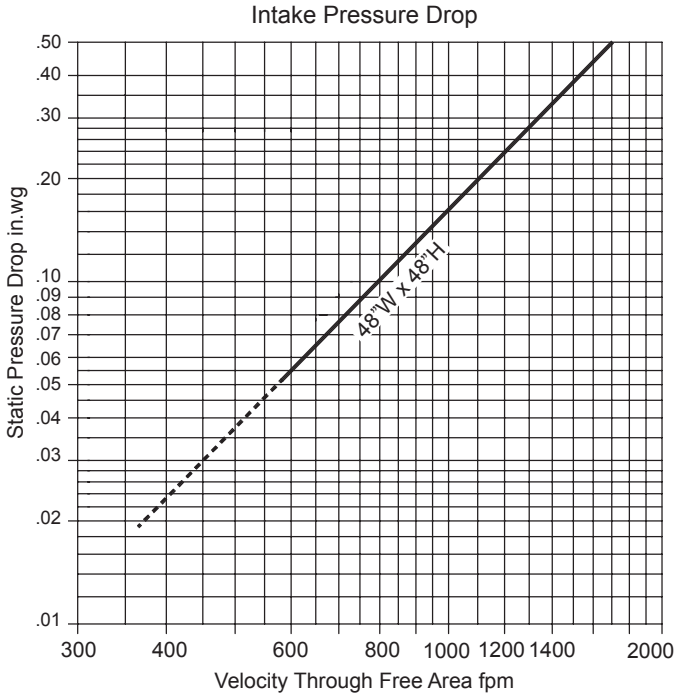
SD-EL47-09.08

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Water Penetration: 800 fpm maximum free area velocity
 Pressure Drop: 0.125 in.wg at 886 fpm and 8054 scfm
 Free Area: 9.09 sq.ft. = 57% 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"	0.31	0.50	0.70	0.89	1.09	1.28	1.48	1.67	1.87
	24"	0.82	1.34	1.86	2.38	2.90	3.42	3.94	4.46	4.98
	36"	1.34	2.18	3.03	3.87	4.71	5.56	6.40	7.25	8.09
	48"	1.85	3.02	4.19	5.36	6.53	7.70	9.09	10.04	11.20
	60"	2.37	3.86	5.35	6.85	8.34	9.84	11.33	12.82	14.32
	72"	2.88	4.70	6.52	8.34	10.16	11.97	13.79	15.61	17.43
	84"	3.39	5.54	7.68	9.83	11.97	14.11	16.26	18.40	20.54
	96"	3.91	6.38	8.85	11.31	13.78	16.25	18.72	21.19	23.66



L&D certifies that the Model EL47 shown herein is licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with the AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified ratings seal applies to Air Performance Ratings and Water Penetration Ratings.