

Extruded Aluminum Louver

IL24

4" Deep • 45° Dual Drainable 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: ½" x .051" flattened aluminum birdscreen

FINISH: Mill

OPTIONS

Finish - Baked Enamel, Kynar, or Anodize

Variety of Bird and Insect Screen

1½" Usable Flange Frame

Welded Construction

Blank-off Panels

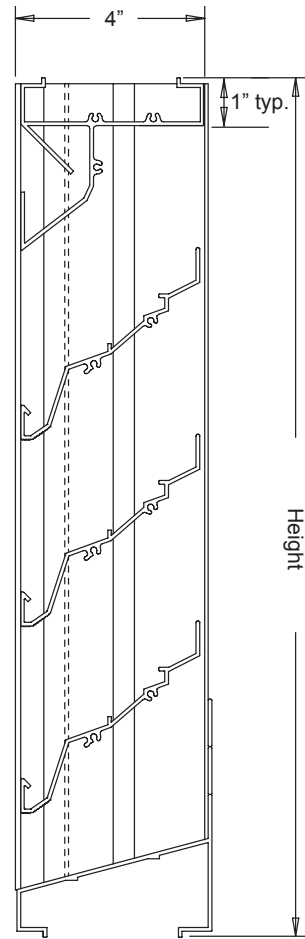
.125 Nominal Construction

NOTES

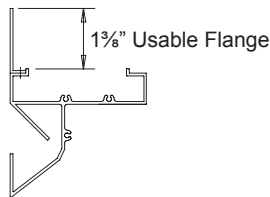
- "A" width and "B" height are opening dimensions. Louvers are provided approximately ½" undercut.
- Shipping weight approximately 4 lbs./sq.ft.

LOUVER SIZE

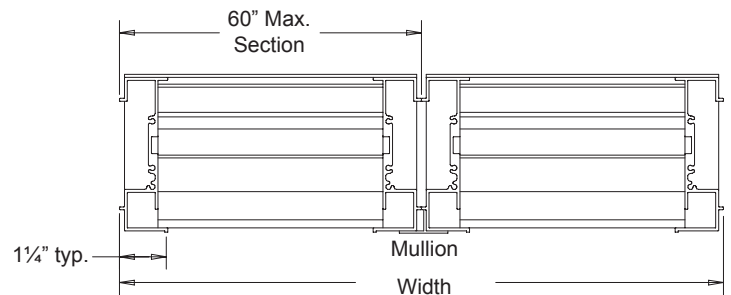
Panels	Min Panel	Max Single Panel
IL24	12"W x 12"H	60"W x 96"H



Section View



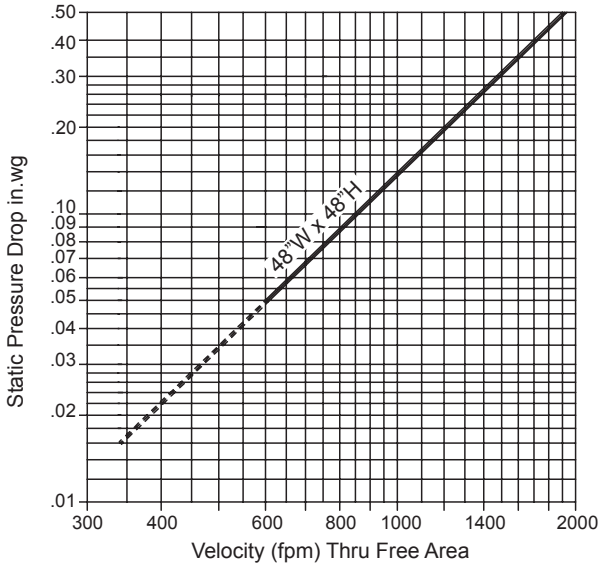
Optional Flange Frame



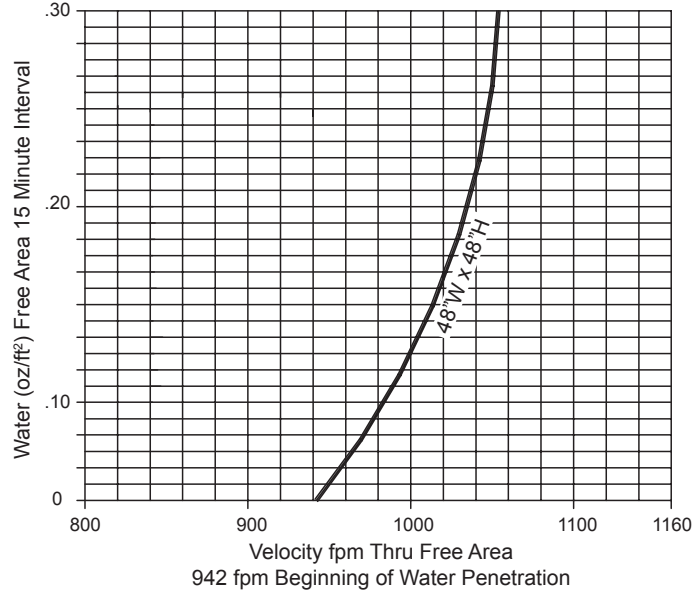
Water Penetration: At 1100 fpm recommended maximum free area velocity
 Pressure Drop: 0.15 in.wg at 1075 fpm and 8998 scfm
 Free Area: 8.37 sq.ft. = 52% for 48"W x 48"H test size

Ratings do not include the effect of birdscreen.

Intake Pressure Drop



Water Penetration



Free Area sq.ft

		Width								
		12"	18"	24"	30"	36"	42"	48"	54"	60"
Height	12"	0.31	0.50	0.70	0.90	1.09	1.29	1.48	1.68	1.87
	24"	0.81	1.31	1.82	2.33	2.84	3.35	3.86	4.36	4.87
	36"	1.30	2.12	2.94	3.77	4.59	5.41	6.23	7.05	7.87
	48"	1.80	2.93	4.07	5.20	6.34	7.47	8.37	9.74	10.87
	60"	2.29	3.74	5.19	6.64	8.08	9.53	10.98	12.43	13.88
	72"	2.79	4.55	6.31	8.07	9.83	11.59	13.35	15.12	16.88
	84"	3.28	5.36	7.43	9.51	11.58	13.65	15.73	17.80	19.88
	96"	3.78	6.17	8.55	10.94	13.33	15.72	18.10	20.49	22.88



Louvers & Dampers certifies that the Model IL24 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.