

Formed Steel Louver

SL33A

6" Deep • Drainable Blade • Adjustable Louver

STANDARD CONSTRUCTION

- FRAME:** 18-GA galvanized steel
- BLADES:** 18-GA galvanized steel; Open to 45°
- CONSTRUCTION:** Welded and/or riveted for maximum service
- LINKAGE:** Concealed in one jamb out of the airstream up to 48" in width
- FACE OF LOUVER:** Full width sill with drain head with blades contained within the jambs
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- SEALS:** Stainless steel jamb seals
- SHAFT:** .50 dia. aluminum "Pin-Lock" Rod
- SCREEN:** (When indicated) specify interior or exterior - 1/2" sq. mesh, 19-GA galvanized steel .041
- FINISH:** Mill

OPTIONS

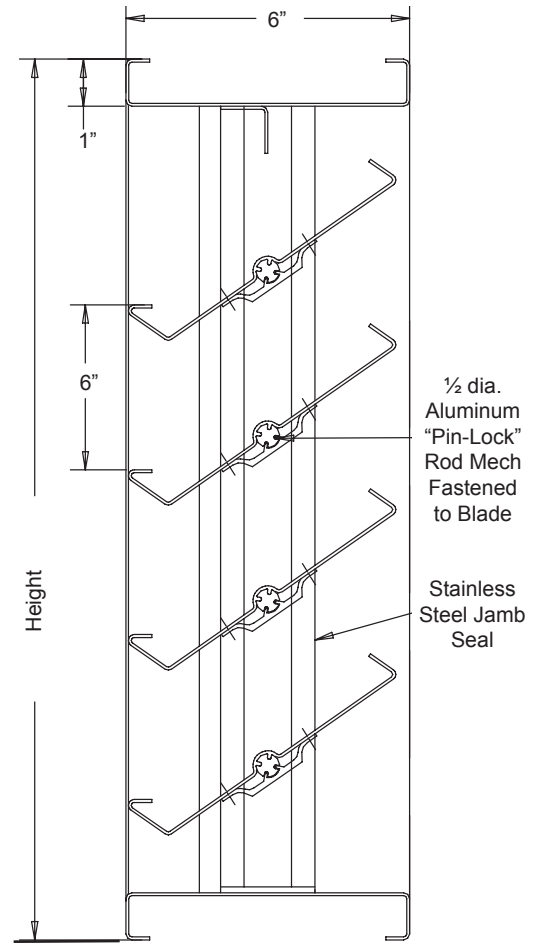
- Frame and blades of other gauges
- Neoprene blade edge seals.
- Other material (Stainless Steel, Copper, Aluminum etc.)
- Finishes: Baked powder, Epoxies, etc.
- Assorted Bird and Insect Screens

NOTES

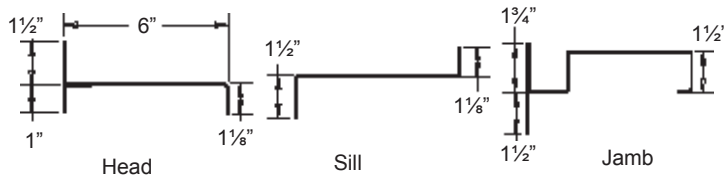
1. "A" width and "B" height are opening dimensions. Louvers are provided approximately 1/2" undercut.
2. Shipping weight approximately 8.0 lbs./sq.ft.

LOUVER SIZE

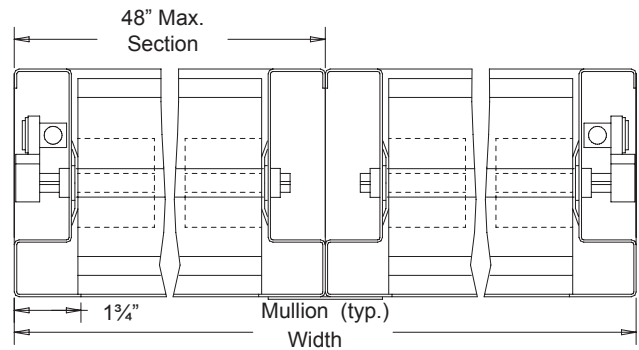
Panels	Min Panel	Max Single Panel
SL33A	12"W x 12"H	48"W x 96"H



Section View



Optional Flange Frame



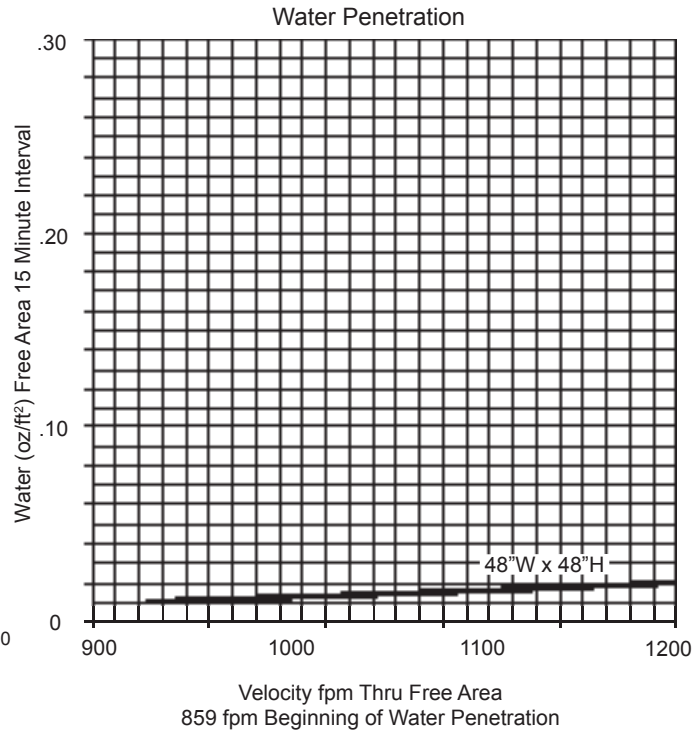
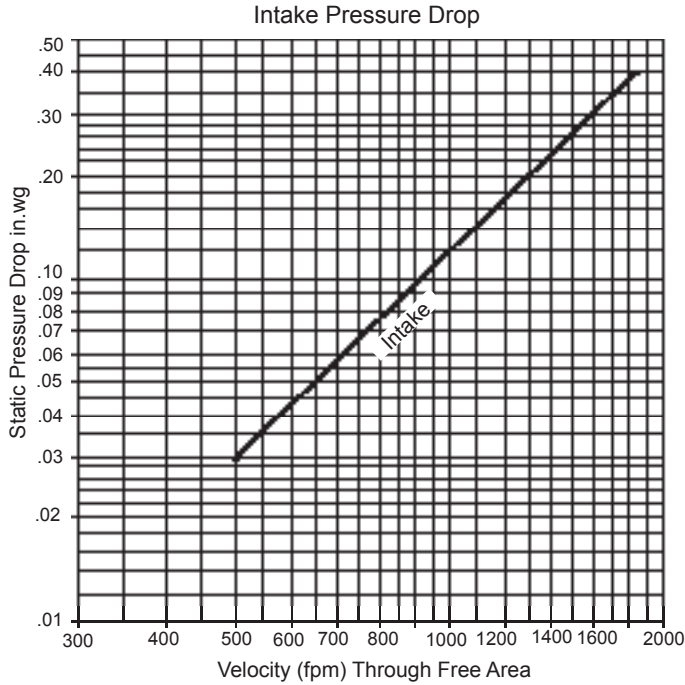
Performance Data

Less water penetration because rain runs along blade troughs, (rather than down the face of the louver), then down hidden vertical runways within the jambs.

Tests of 48" X 48" sample by an AMCA registered laboratory according to AMCA Standard 500 shows low water penetration.

Test show less than .02 oz per sq. ft. water penetration at 1200 fpm (free area Velocity) with less than .18" w.g. pressure drop (intake).

Ratings do not include effects of birdscreen.



Free Area sq.ft.

		Width								
		12"	18"	24"	30"	36"	42"	48"	54"	60"
Height	12"	0.31	0.51	0.71	0.91	1.1	1.3	1.5	1.66	1.89
	24"	0.75	1.21	1.67	2.14	2.61	3.07	3.54	4.01	4.47
	36"	1.27	2.05	2.84	3.64	4.43	5.23	6.02	6.81	7.61
	48"	1.73	2.90	4.02	5.14	6.26	7.38	8.50	9.62	10.74
	60"	2.23	3.59	4.98	6.37	7.76	9.15	10.54	11.93	13.32
	72"	2.72	4.44	6.15	7.87	9.58	11.30	13.02	14.74	16.46
	84"	3.19	5.13	7.12	9.10	11.09	13.08	15.06	17.05	19.04
	96"	3.71	5.98	8.29	10.60	12.92	15.23	17.54	19.86	22.17