

STANDARD CONSTRUCTION

FRAME: 18-GA. galvanized steel.

BLADE: 18-GA. galvanized steel, open to 45°.

AXLES: 1/2" dia. extruded aluminum "pin-lock" rod with "double-sealed" bearings.

CONSTRUCTION: Welded and/or riveted for maximum service.

LINKAGE: Concealed in one jamb out of airstream, up to 48" width.

SEALS: Stainless steel at jambs.

SCREEN: (when indicated, specify interior or exterior)
1/2" sq. mesh, 19-GA. galvanized steel, .041".

FINISH: Mill.

OPTIONS

Frames and Blades of other gauges

Materials - 304 or 316 Stainless steel, Copper, Aluminum, etc.

Neoprene blade edge seals

Finishes - Enamels, Epoxies, etc.

Screens - Insect screen $18/16$ aluminum mesh, .011",

-or- 1/2" flattened aluminum, .051",

-or- 1/4" sq. mesh, 18-GA galvanized steel, .047",

-or- 1/2" sq. mesh, 18-GA stainless steel, .047",

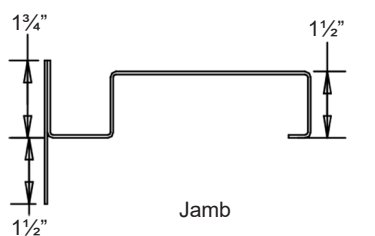
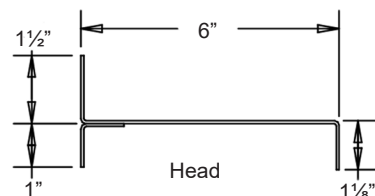
And others.

NOTES

1. 1/2" nominal deduction will be made to the opening size given.
2. Approximate shipping weight is 8.0 lbs./sq.ft.

LOUVER SIZES

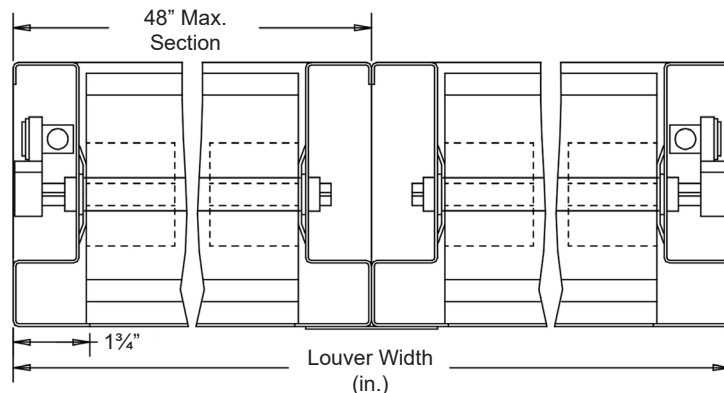
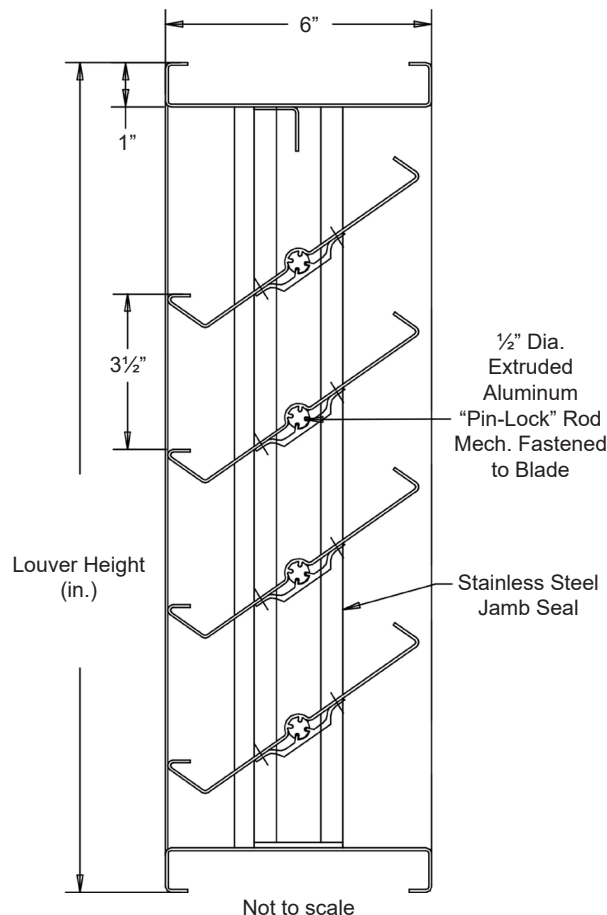
Min Panel	Max Single Panel
12"W x 12"H	60"W x 96"H



Flange Frame
available



Sill



											
Item #	Qty	Width	Height	Width	Height	Mullion	Type	Location			
		Opening Size		Louver Size			Screens				<u>Union Made</u>
Arch. / Eng. :						EDR:		ECN:		Job:	
Contractor:											
Project:						Date:		DWN:		DWG:	

In the interest of product development, Louvers & Dampers reserves the right to make changes without notice.

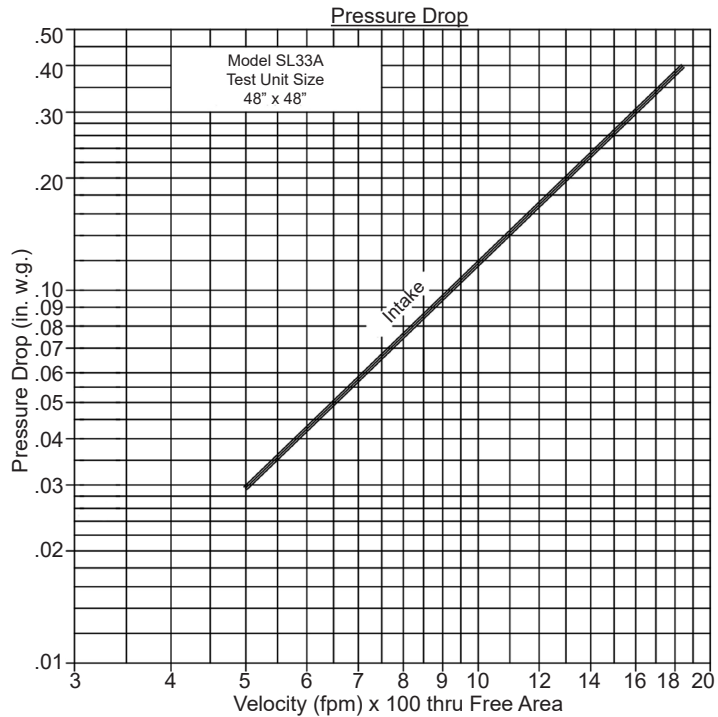
PERFORMANCE DATA

Pressure Drop: .18 in. w.g. at 1200 fpm

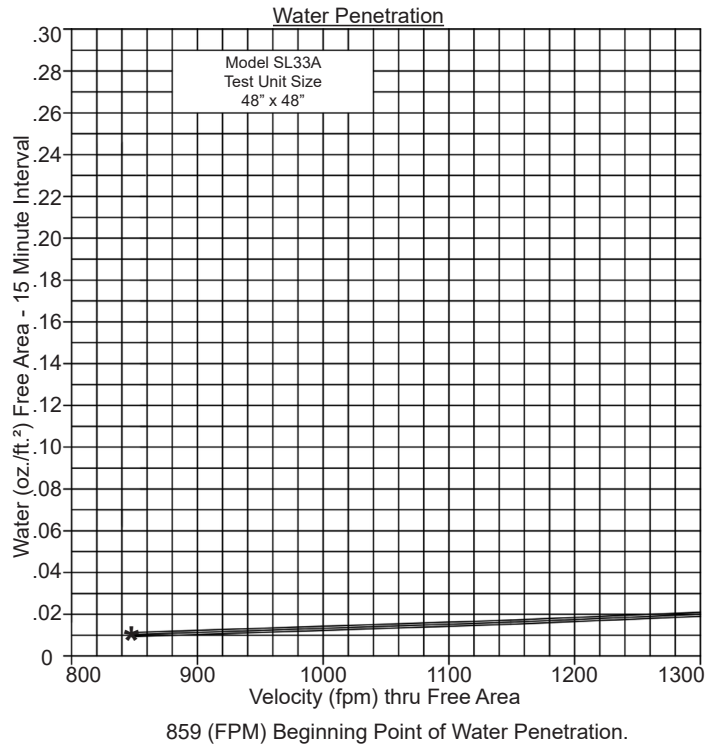
Free Area: 8.50 sq.ft. = 53% for 48"W x 48"H sample tested in accordance with AMCA Standard 500-L.

Beginning Point of Water Penetration: 859 (fpm)

Ratings do not include the effects of a bird screen.



Intake air converted to standard air density.
Tested to AMCA Standard 500-L, Figure 5.5.



Free Area (sq. ft.)

		Width (in.)								
		12"	18"	24"	30"	36"	42"	48"	54"	60"
Height (in.)	12"	.31	.51	.71	.91	1.10	1.30	1.50	1.66	1.89
	24"	.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