

MODEL FS-406-D

Formed Steel Louver • 4" Deep • 45° Drainable Blades • Stationary • Galvanized Steel

Standard Materials and Construction

FRAME: 18-GA. galvanized steel, channel type.

BLADE: 18-GA. galvanized steel. Blades approximately 4" on centers.

SCREEN: (When indicated)
 1/2" sq. mesh, 19-GA. galvanized steel (.041").

CONSTRUCTION: Riveted and/or welded, full jambs with blades, head and sill contained within.

Options

Flange Frame available.

Finishes - Enamels, Epoxies, etc.

Screens - Insect screen 19/16 aluminum mesh,

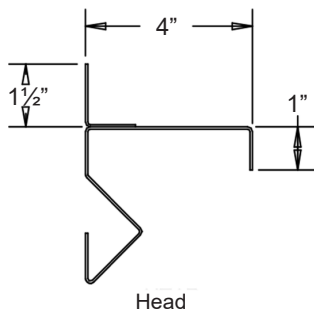
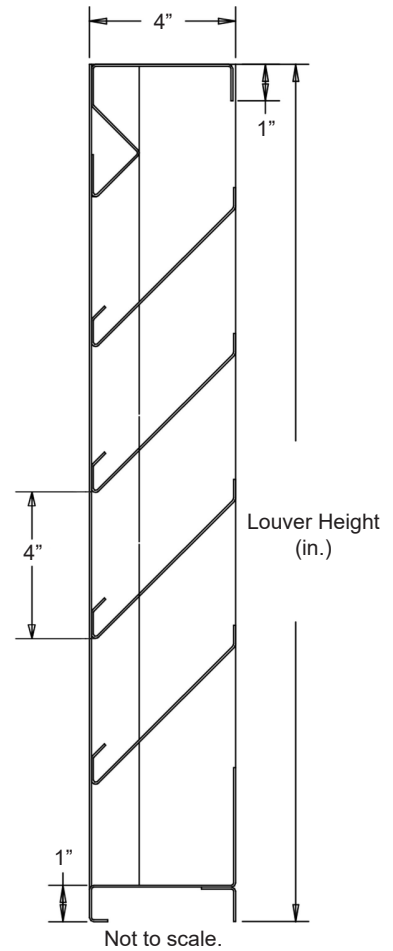
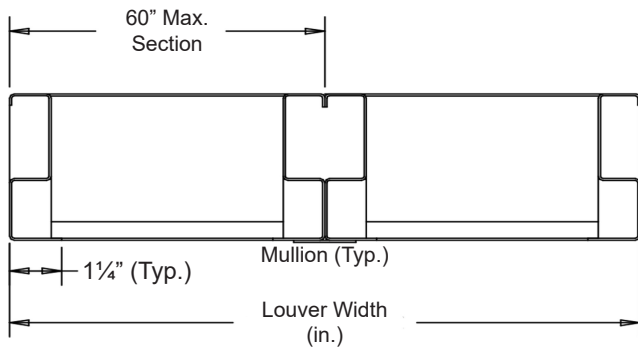
- or- 1/2" flattened aluminum, .051",
 - or- 1/4" sq. mesh, 18-GA galvanized steel, .047",
 - or- 1/2" sq. mesh, 18-GA stainless steel, .047",
- Others available.

Notes

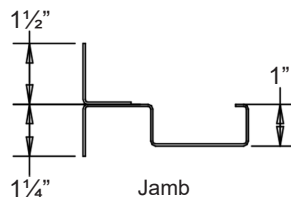
1. Nominal deductions will be made to the opening size given.
2. Approximate shipping weight is 6.0 lbs./sq.ft.

Louver Sizes

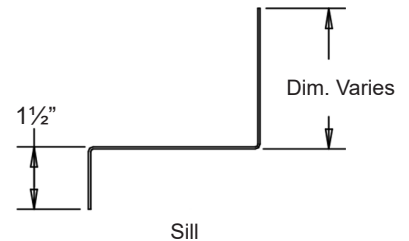
Min Panel	Max Single Panel
12"W x 12"H	60"W x 96"H



Head



Jamb



Sill

Flange Frame Available

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



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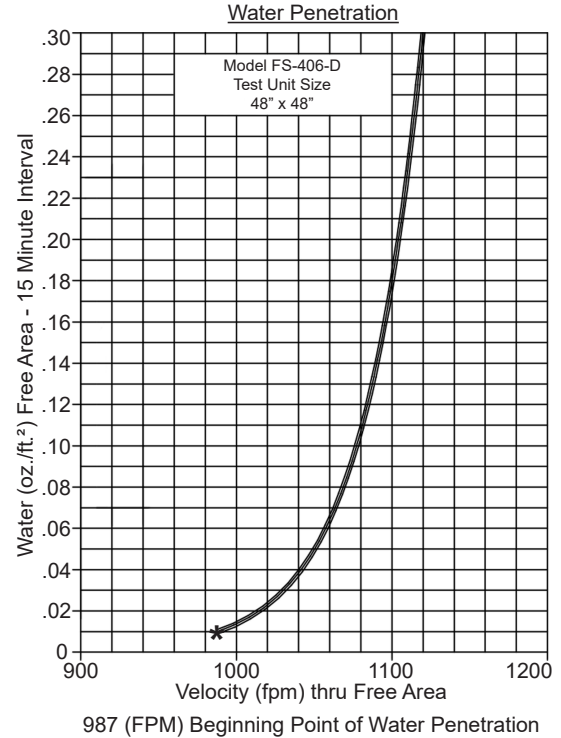
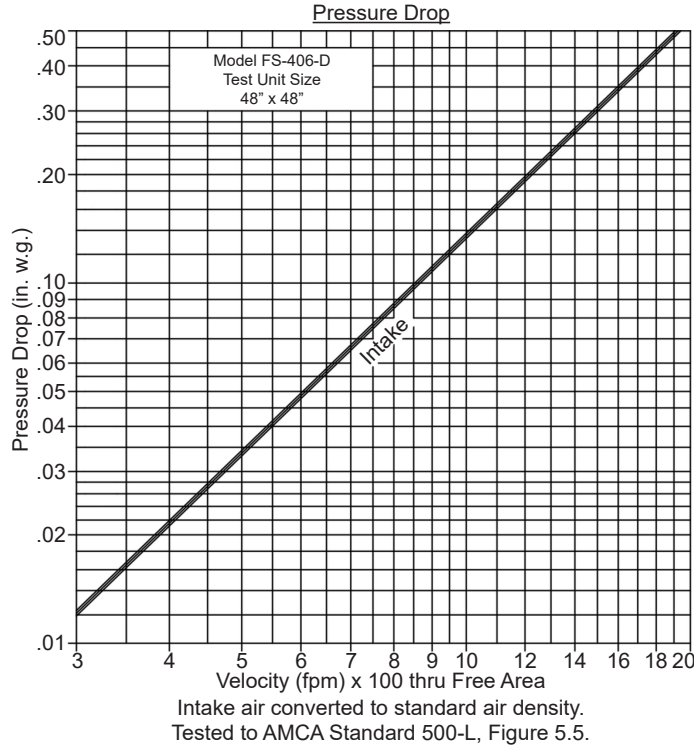
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Performance Data

Pressure Drop: .14 in. w.g. at 1000 fpm (Intake)
 Free Area: 8.00 sq.ft. = 50% for 48"W x 48"H sample tested in accordance with AMCA Standard 500-L.

Beginning Point of Water Penetration: 987 fpm

Ratings do not include effects of a screen.



Free Area (sq.ft.)

		Width (in.)								
		12"	18"	24"	30"	36"	42"	48"	54"	60"
Height (in.)	12"	.27	.45	.62	.80	.97	1.14	1.32	1.49	1.66
	24"	.75	1.22	1.70	2.17	2.65	3.12	3.59	4.07	4.54
	36"	1.23	2.00	2.78	3.55	4.32	5.10	5.87	6.65	7.42
	48"	1.70	2.78	3.85	4.93	6.00	7.08	8.00	9.23	10.30
	60"	2.18	3.55	4.93	6.31	7.68	9.06	10.43	11.81	13.18
	72"	2.65	4.33	6.01	7.68	9.36	11.04	12.71	14.39	16.06
	84"	3.13	5.11	7.08	9.06	11.04	13.01	14.99	16.97	18.94
96"	3.61	5.88	8.16	10.44	12.72	14.99	17.27	19.55	21.83	



Arrow United Industries certifies that the Model FS-406-D shown herein is licensed to bear the AMCA seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 511 and comply with the requirements of the AMCA Certified Ratings Program. The AMCA Certified Ratings Seal applies to Water Penetration and Air Performance Ratings only.