

# MODEL FS-405

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

### Standard Materials and Construction

**FRAME:** 18-GA. galvanized steel.

**BLADE:** 18-GA. galvanized steel. Blades approximately 4 1/8" on centers.

**SCREEN:** (When indicated)

1/2" 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.

Materials - 304 or 316 Stainless steel.

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",

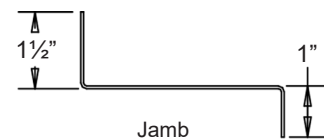
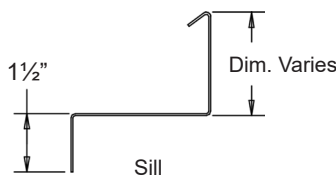
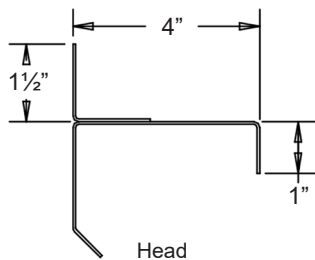
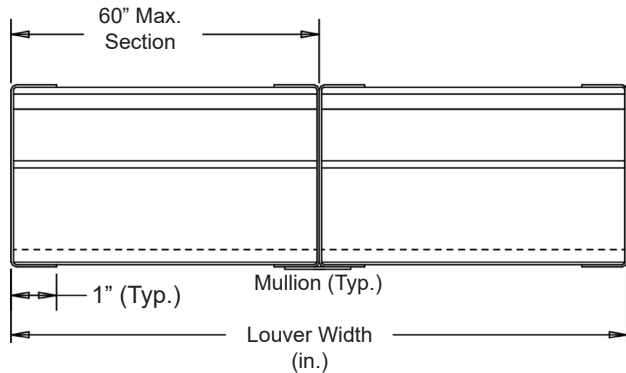
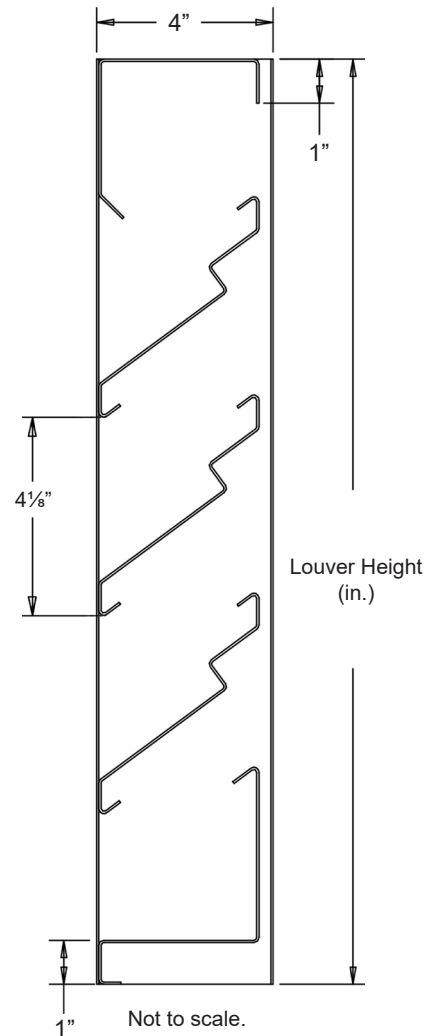
Others available.

### Notes

1. 1/2" nominal deduction will be made to the opening size given.
2. Approximate shipping weight is 7.0 lbs./sq.ft.

### Louver Sizes

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



Flanged 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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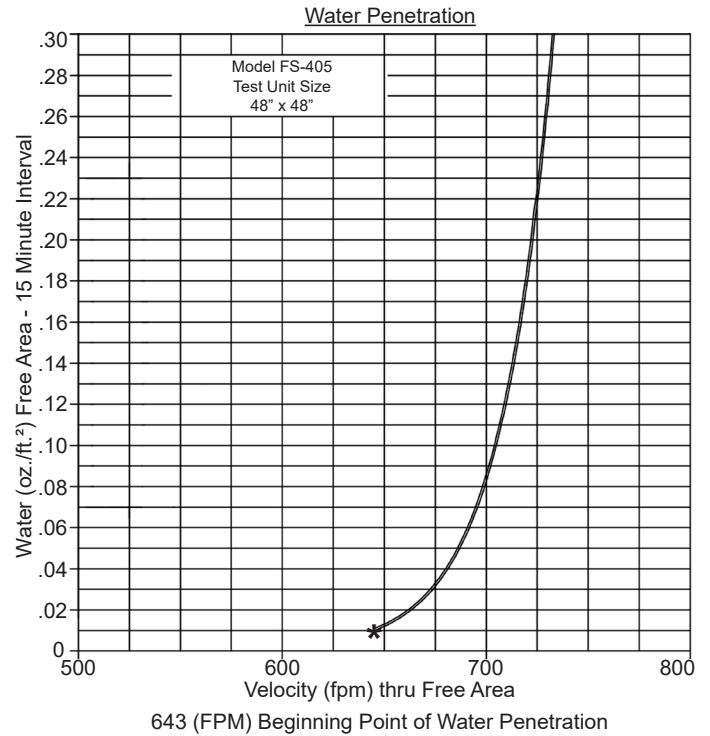
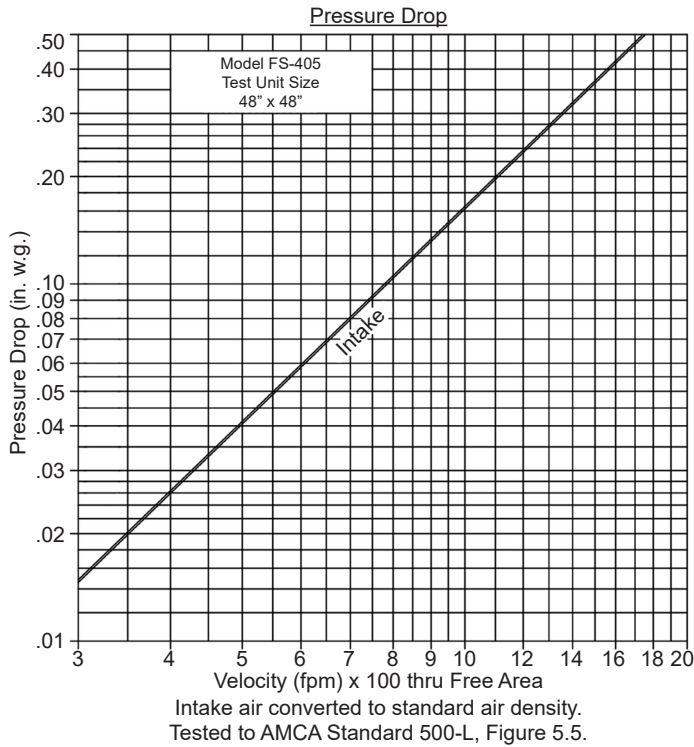
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## Performance Data

Pressure Drop: .07 in. w.g. at 650 fpm (Intake)  
 Free Area: 8.25 sq.ft. = 51.6% for 48"W x 48"H sample tested in accordance with AMCA Standard 500-L.

Beginning Point of Water Penetration: 643 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"	.26	.41	.57	.72	.87	1.03	1.18	1.34	1.49
	24"	.78	1.25	1.71	2.18	2.65	3.12	3.58	4.05	4.52
	36"	1.27	2.03	2.80	3.56	4.32	5.08	5.85	6.61	7.37
	48"	1.76	2.82	3.88	4.94	6.00	7.05	8.25	9.17	10.23
	60"	2.32	3.72	5.11	6.50	7.89	9.29	10.68	12.07	13.47
	72"	2.81	4.50	6.19	7.87	9.56	11.25	12.94	14.62	16.31
	84"	3.30	5.28	7.26	9.24	11.21	13.19	15.17	17.15	19.13
	96"	3.78	6.06	8.33	10.60	12.87	15.14	17.41	19.68	21.95



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