

Model FAMA

Ratings

Pressure: 4" w.g. - differential pressure

Velocity: 4000 fpm

Temperature: 180°F

Model FAMA Specifications

Frame: 16 ga. galvanized steel

Blades: 16 ga. gal. steel w/counterbalance weights

Linkage: zinc plated concealed

Axles: 1/2" diameter cast zinc & steel

Blade Seal: PVC (180°F)

Bearings: bronze oilite

Size Limitations

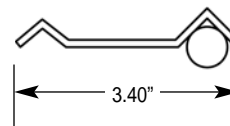
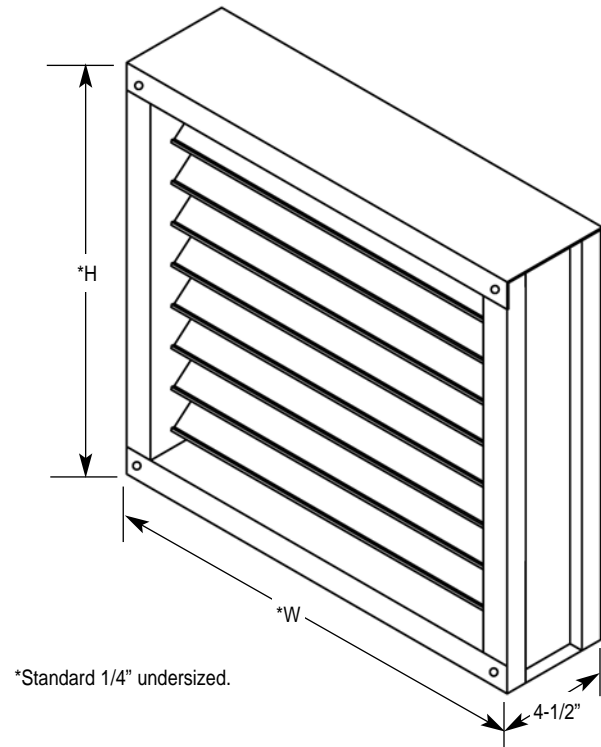
Minimum Size: 6"w x 6"h

Maximum Single Section Size: 48"w x 48"h

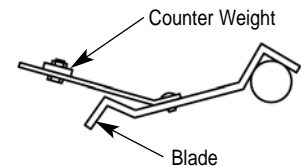
Maximum Double Section Size: 96"w x 96"h

Options and Accessories

- Heavy gauge steel construction
- Custom flange
- Side plate (20 ga. galvanized steel)
- In airstream counterbalanced weights
- Epoxy coated
- 450°F silicone blade seals
- Optional 304 stainless steel const. (Model FANA)
- Optional 316 stainless steel const. (Model FAPA)



Blade Detail



Counterbalance Weight Detail

Tag	Qty.	Size		Frame	Variations
		Width	Height		

Project
Arch./Engr.
Representative

Location
Contractor
Date

Model FAMA Performance Data

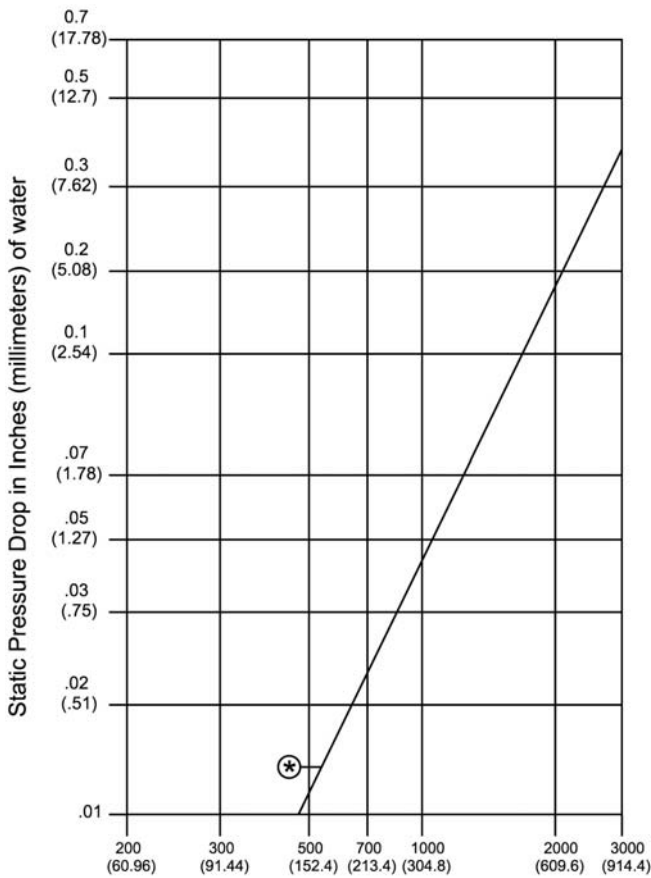
Damper Performance

DAMPER WIDTH	MAXIMUM BACK PRESSURE	MAXIMUM SYSTEM VELOCITY	LEAKAGE*		BLADES START TO OPEN	BLADES FULLY OPEN
			Percent of Max. Flow	CFM/ Sq. Ft.		
48" (1219)	4.0" w.g.	4000 FPM	.61	15	**.01" w.g.	**.05" w.g.
36" (914)	8.0" w.g.	4000 FPM	.6	15		
24" (610)	12.0" w.g.	4000 FPM	.72	18		
12" (305)	16.0" w.g.	4000 FPM	1	24		

*Leakage information based on pressure differential of 1" w.g. tested per AMCA Std. 500.

**Set at least resistant to open.

Damper Pressure Drop (24" x 24")



Air Velocity in feet (meters) per minute through Face Area
 Tested per AMCA Std. 500, Fig. 5.3,
 ductwork upstream and downstream.

⊗ Set at least resistant to open

FAMA Air Flow Arrangements

Standard counterweights at jamb (assist to close)

