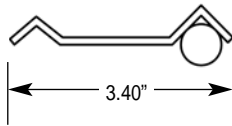
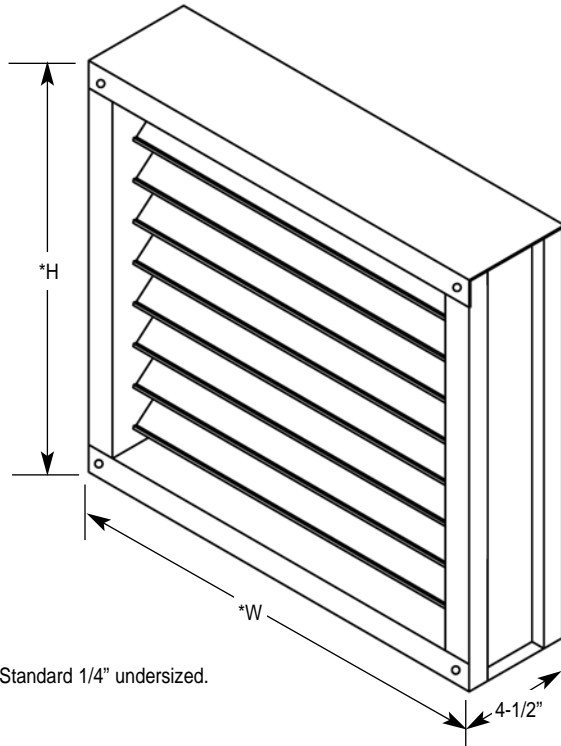
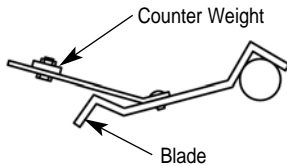


Galv. Counterbalanced Backdraft Damper

Model: FAMA Galvanized, FANA 304 Stainless Steel Construction, FAPA 316 Stainless Steel Construction



Blade Detail



Counterbalance Weight Detail

Model FAMA

Ratings

Pressure: 4" w.g. - differential pressure

Velocity: 4000 fpm

Temperature: 180°F

▼ Standard 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)

Model FAMA Performance Data

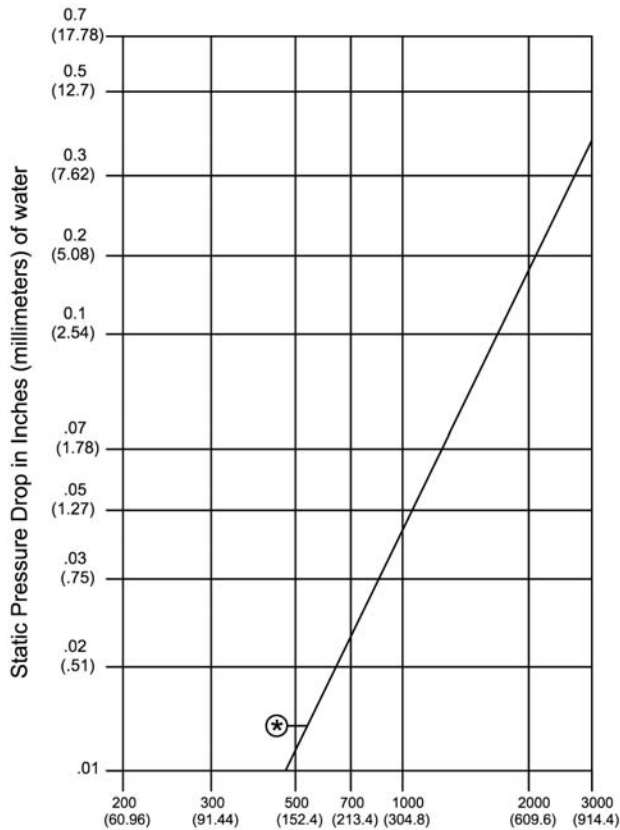
Damper Performance

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)

