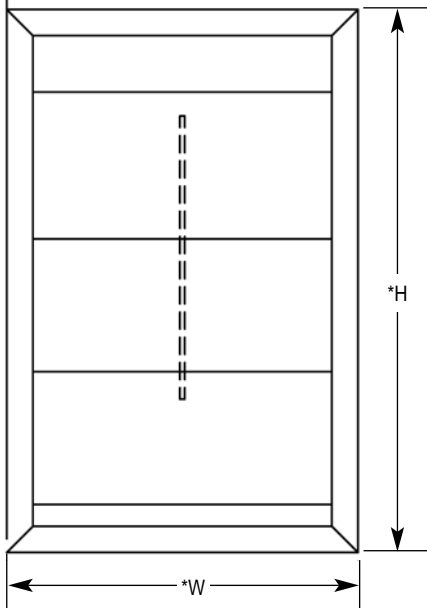
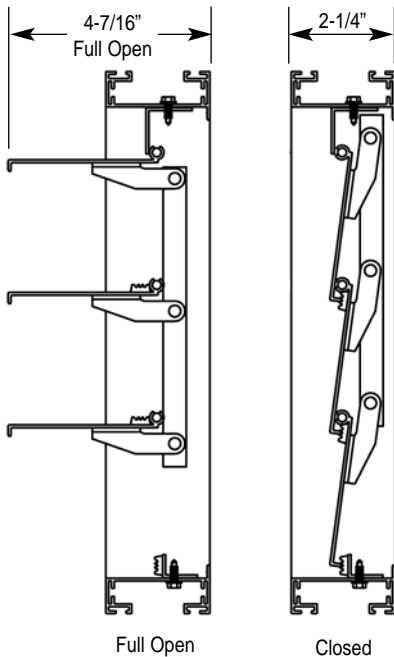


Aluminum Counterbalanced Backdraft Damper

Model: FAKA



*W & H dimensions are approx. 1/4" undersized.



Full Open

Closed

Model FAKA

Application and Design

The FAKA is a vertical or horizontal mounted backdraft damper that is designed to allow airflow and prevent reverse airflow.

Ratings

Pressure: 3.5" w.g.

Velocity: 4000 fpm

Temperature: 180°F

▼ Standard Specifications

Frame: .060" thick extruded alum.

Blades: .060" thick extruded alum. with counterbalance weights

Blade Seal: EPDM rubber

Linkage: 1/2" x 1/8" aluminum bar (in airstream)

Axles: zinc plated steel

Brushings: nylon

Size Limitations

Minimum Size: 6"w x 6"h

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

Multiple Sections

- Exposed mullions
- Aluminum sub-frame

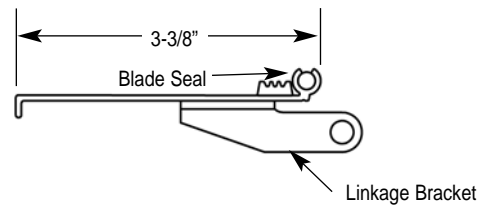
Finishes

- Polyester powder coat (consult factory)

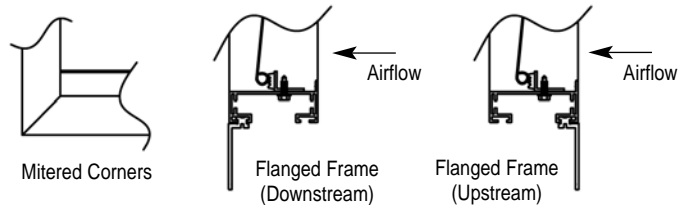
Options and Accessories

- Flange Frame
 - Upstream Downstream
 - 1" 1-1/2" (Default) 2" 3"

Blade Detail



Frame Detail



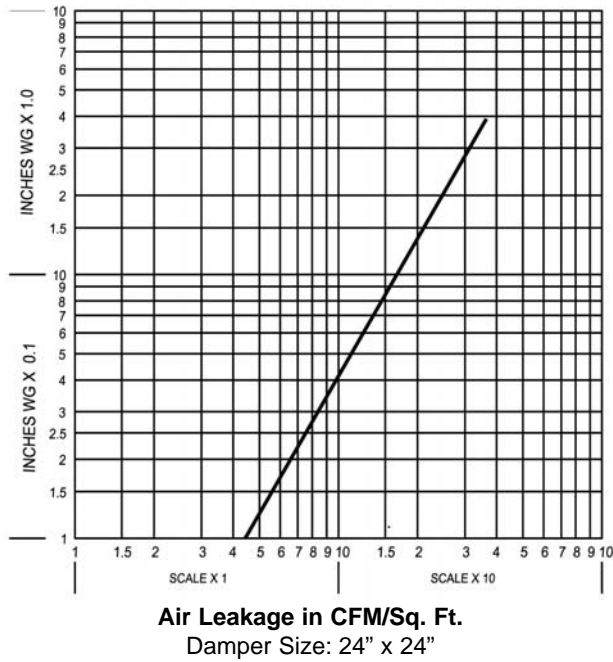
Mitered Corners

Flanged Frame (Downstream)

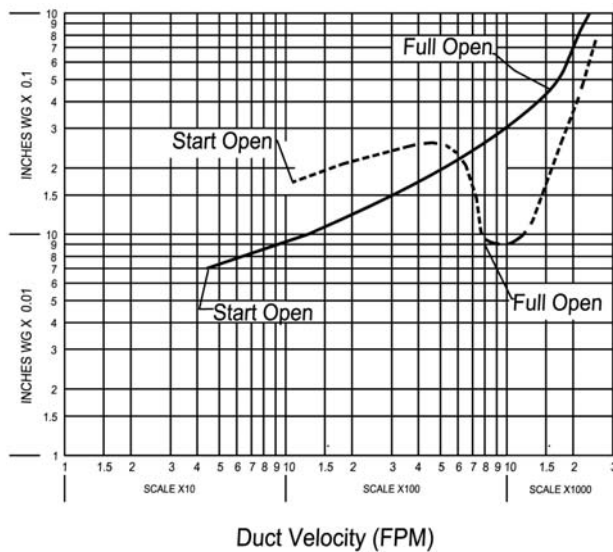
Flanged Frame (Upstream)

Model FAKA Performance Data

Leakage



Pressure Drop



Air Velocity in feet per minute through Face Area
Tested per AMCA Std. 500-D ductwork upstream and downstream.

* Set at least resistant to open

FAKA Air Flow Arrangements

Counterweight or springs used in airstream (assist to open)

