

**Aluminum Backdraft Damper
 (2800 FPM)**

Application and Design

The CB-600 is a vertical or horizontal mounted backdraft damper that is designed to allow airflow and prevent reverse airflow.

Ratings

- Pressure:** 3" w.g.
- Velocity:** 2800 FPM
- Temperature:** 200° F

Standard Construction

- Frame:** .060" Thick Extruded Aluminum
- Blades:** .045" Thick Extruded Aluminum
- Blade Seal:** Vinyl
- Linkage:** 0.625" x 0.125" Aluminum Bar (in airstream)

Size Limitations

- Minimum size:** 6"w x 6"h
- *Maximum single section size:** 48"w x 48"h
- Multi sections shipped knocked down**

Multiple Sections

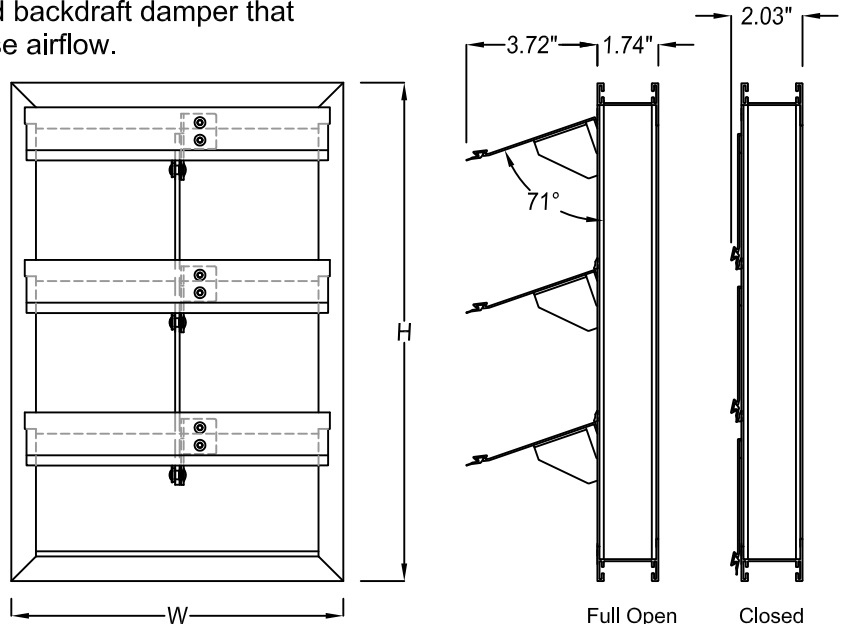
- Exposed mullions
- Aluminum sub-frame

Finishes

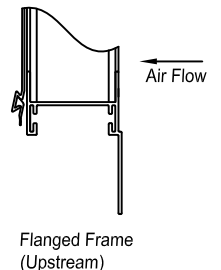
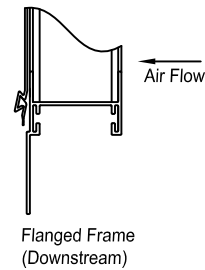
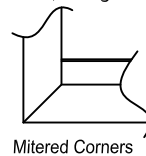
- Polyester Powder Coat (Consult Factory)

Options and Accessories

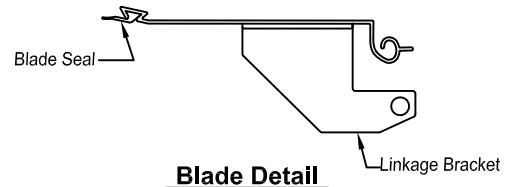
- 1-1/2" Flanged Frame
 - Upstream
 - Downstream
- Counterbalance (Barometric Relief Damper)
 - Weights
 - Assist to Open (Default)
 - Assist to Close
 - Springs
 - Assist to Open (Default)
 - Assist to Close
- Set Limit Open Position Bracket
- Motor Driven



* W & H dimensions are approximately 1/4" undersized.
 Box Frame shown above, Flange will add 1-1/2" around perimeter



Frame Detail



Quantity	Tag	SIZE		Optional Counter-Weights or Springs	Airflow Arrangement	Other Options
		"W" Width	"H" Height			

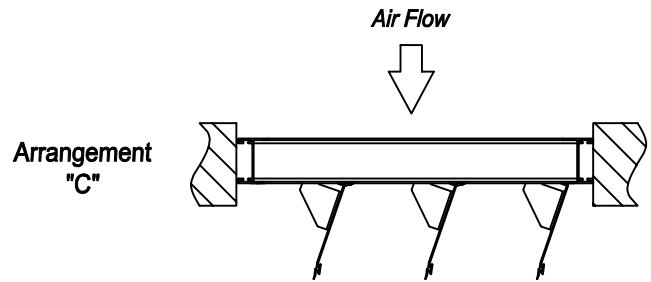
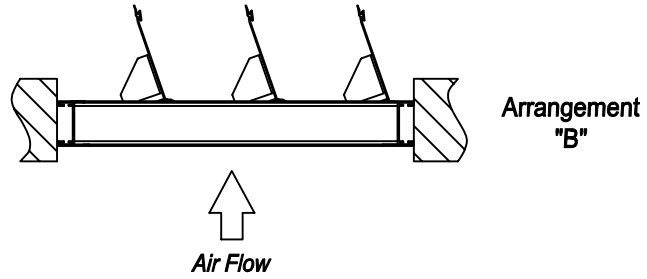
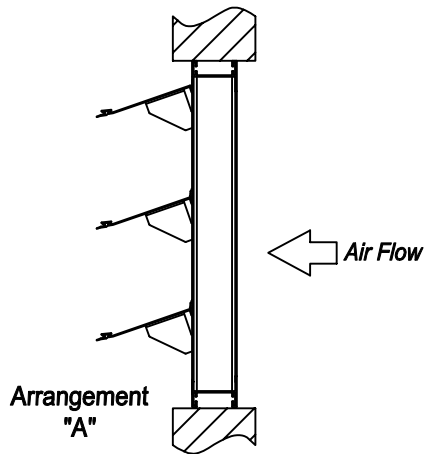
Due to continuing research, United Enertech reserves the right to change specifications without notice.

Job Name:	<input type="checkbox"/> MODEL CB-600 (2800 FPM)		
Location:	DRAWN BY: CLJ	DATE: 4-29-10	REV. DATE: 7-29-2020
Architect:	REV. NO. 10	APPROVED BY: MD	DWG. NO.: F-1
Engineer:			
Contractor:			

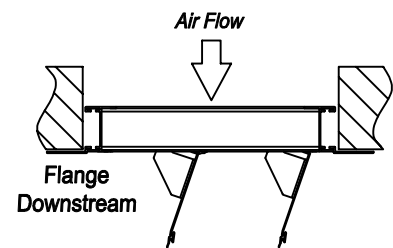
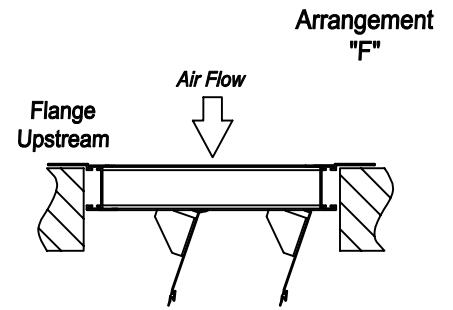
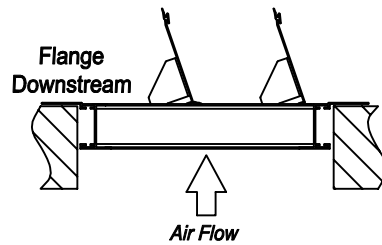
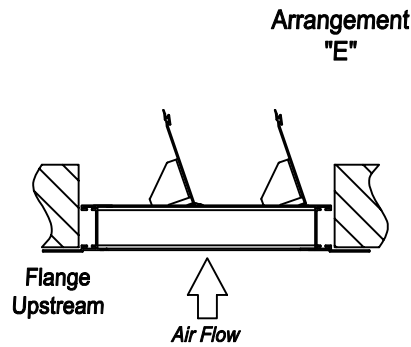
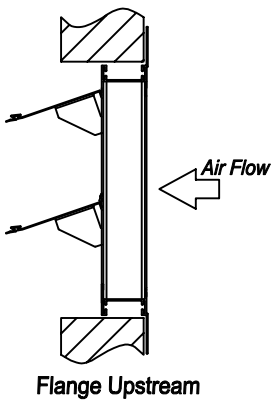
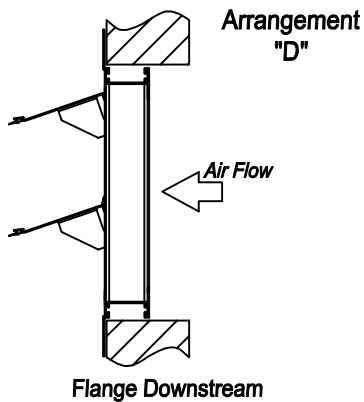
CB-600 Airflow Arrangements

Counterweights or springs used in airstream

NO FLANGE



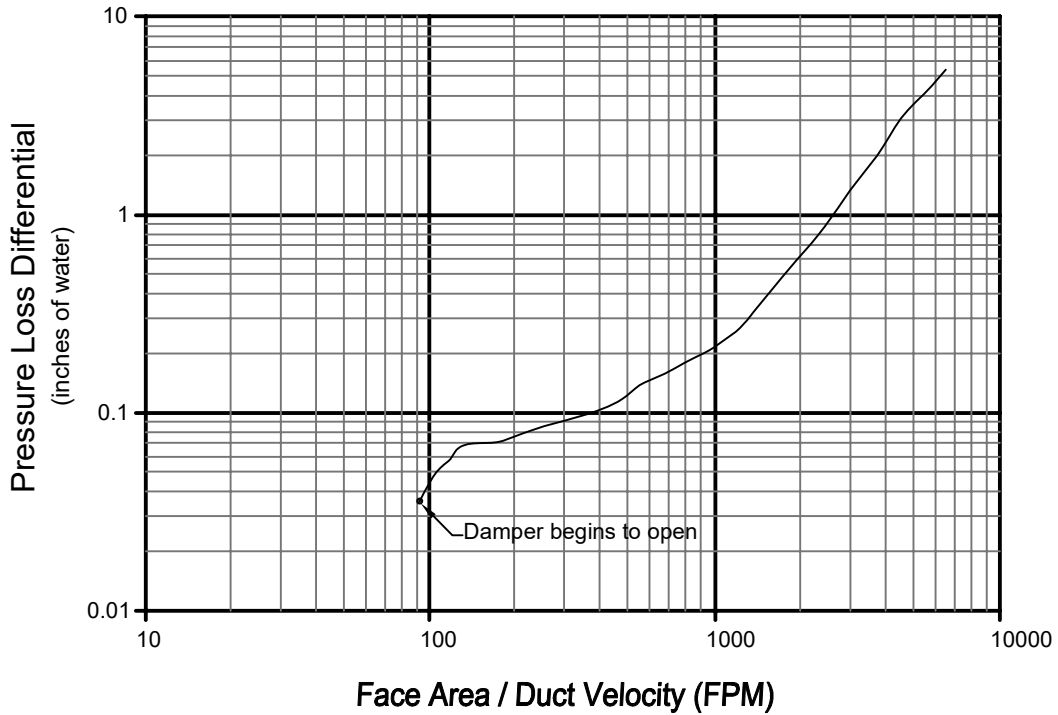
WITH FLANGE



DISCLAIMER:

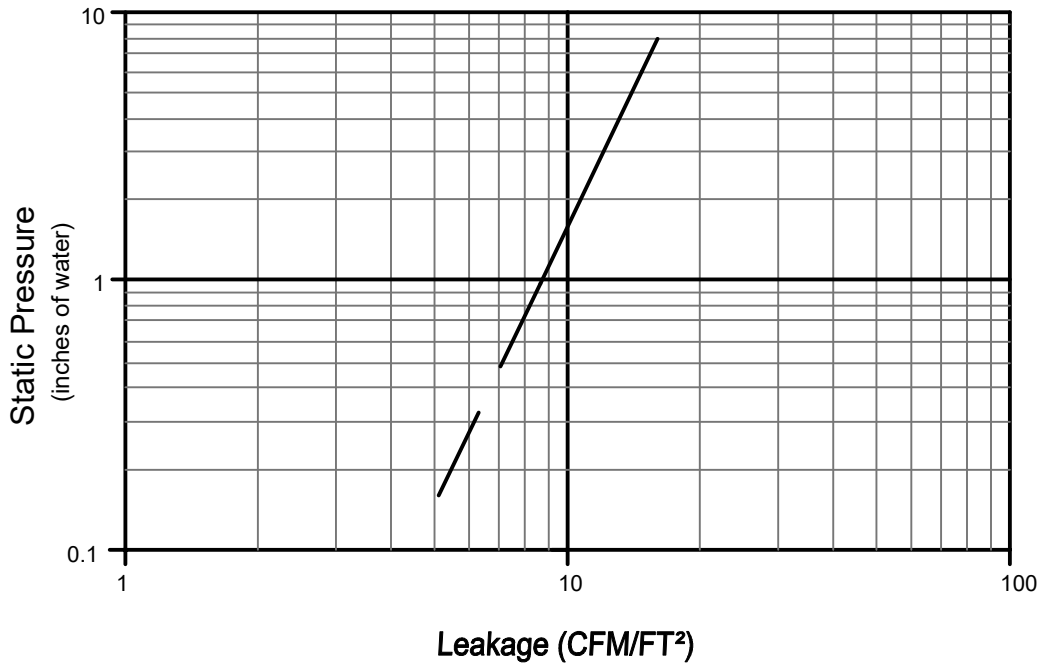
When used in fan discharge applications, the damper should be installed at LEAST $\frac{1}{2}$ the fan diameter away from the fan to mitigate premature product wear.

Pressure Drop



Tested per AMCA 500-D, Fig. 5.2
Damper size: 24" x 24"
Arrangements A & D

Leakage



Tested per AMCA 500-D, Fig. 5.2 & 6.6
Damper size: 24" x 24"