

CB-600

Aluminum Backdraft Damper

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)

RATINGS:

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

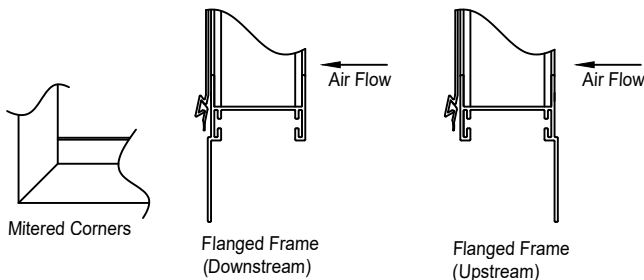
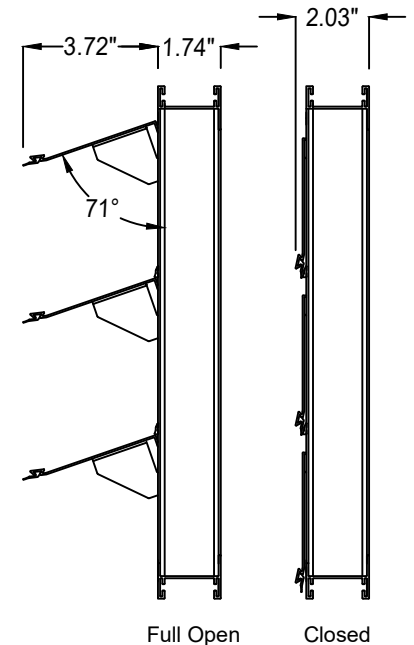
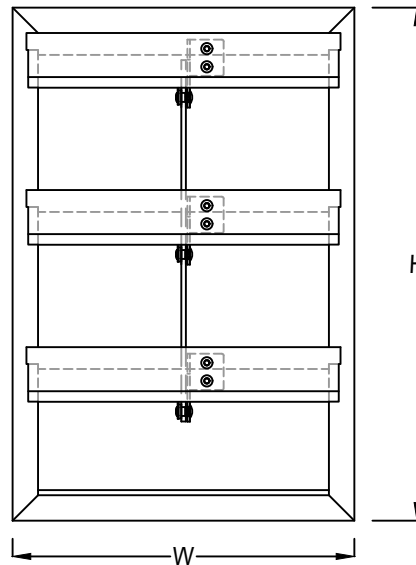
SIZE LIMITATIONS:

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

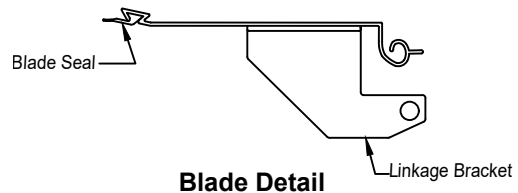


OPTIONS:

- ☐ 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 Kit (ships loose - standard)
 Belimo TFB-SLTR actuator



Frame Detail



Blade Detail

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

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



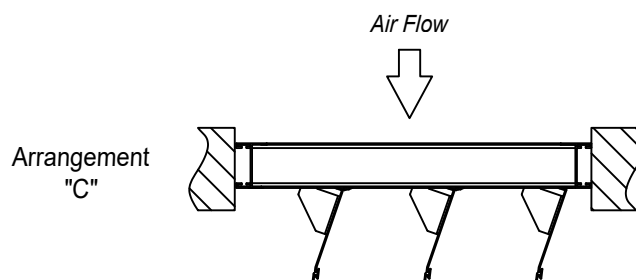
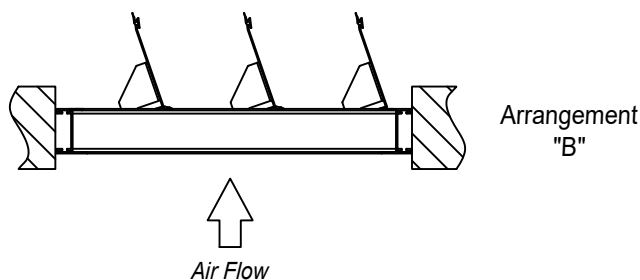
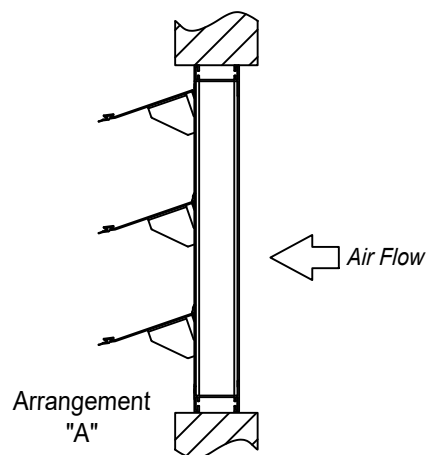
3005 South Hickory Street
 Chattanooga, Tennessee 37407
 Tel: (423) 698-7715
 Fax: (423) 698-6629
www.unitedenertech.com

MODEL CB-600 (2800 fpm)

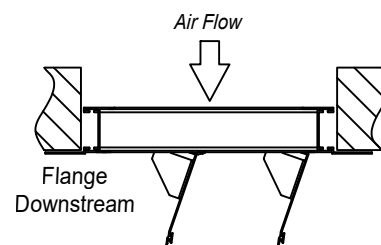
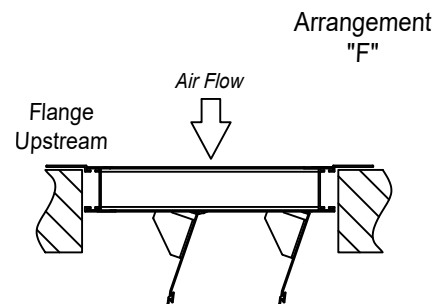
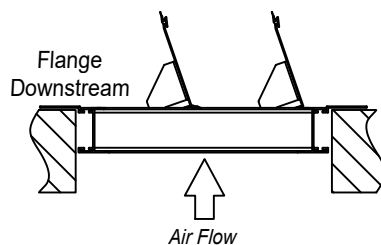
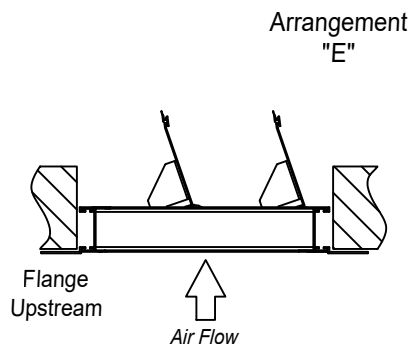
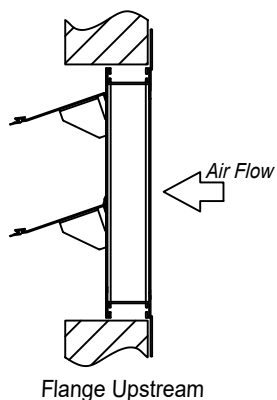
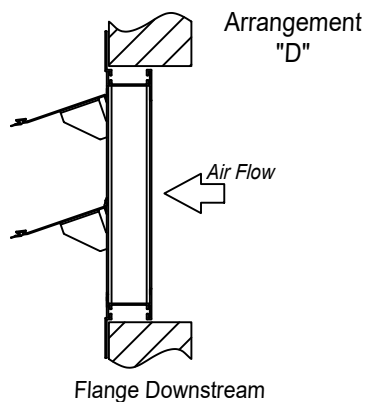
DRAWN BY:	DATE:	REV. DATE:	REV. NO.	DWG. NO.:
CLJ	4-29-10	4-13-23	11	F-1

Counterweights or springs used in airstream

NO FLANGE



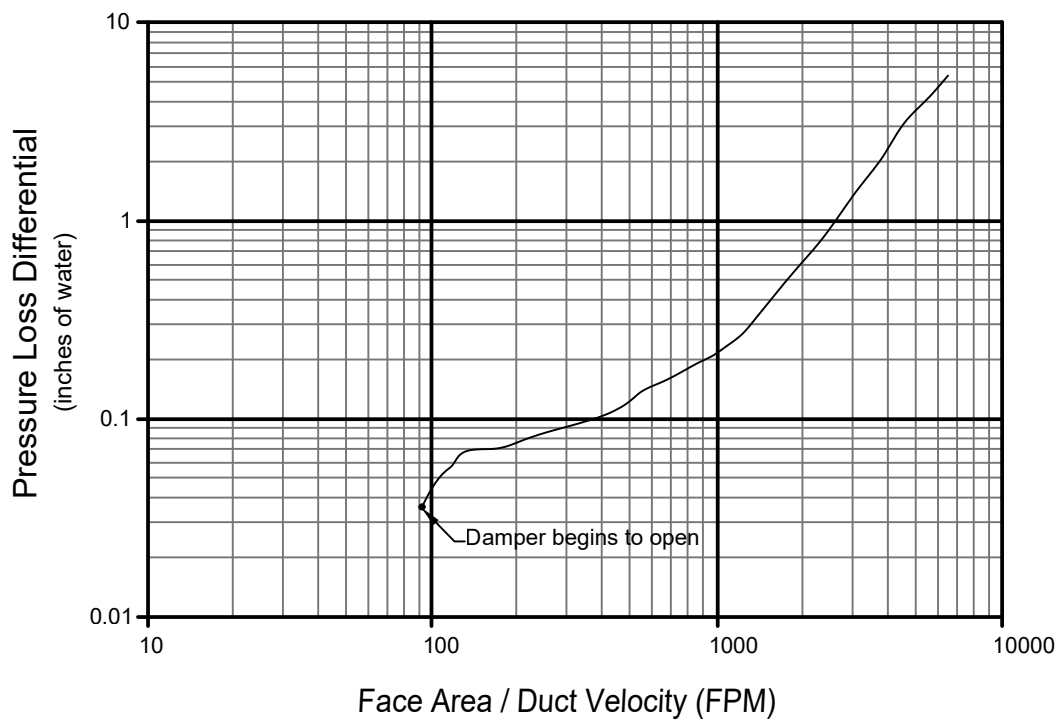
WITH FLANGE



DISCLAIMER:

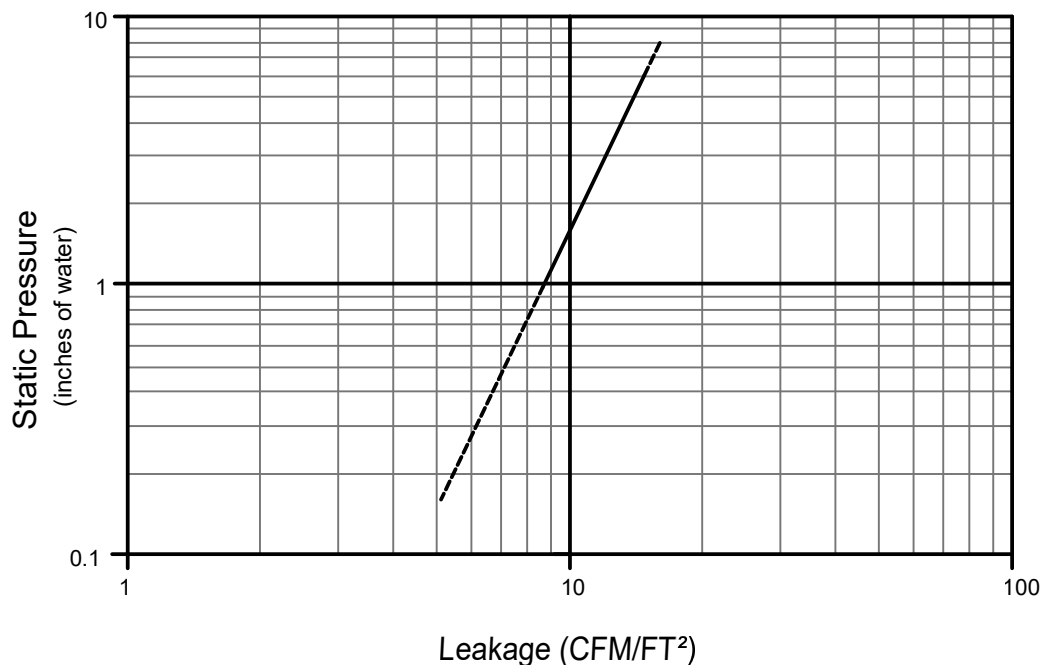
When used in fan discharge applications, the damper should be installed at LEAST $\frac{1}{2}$ the fan diameter away from the fan to mitigate premature product wear.

Pressure Drop



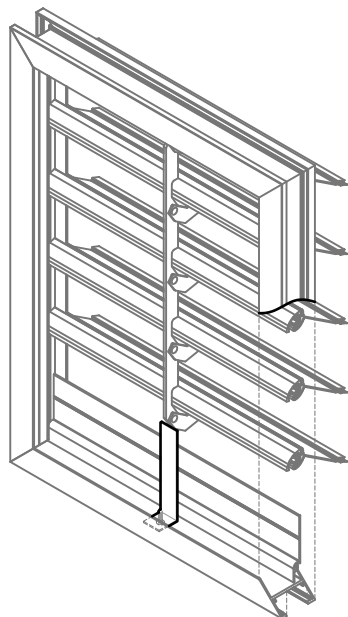
Tested per AMCA 500-D, Fig. 5.2
 Damper size: 24" x 24"
 Arrangements A & D

Leakage



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

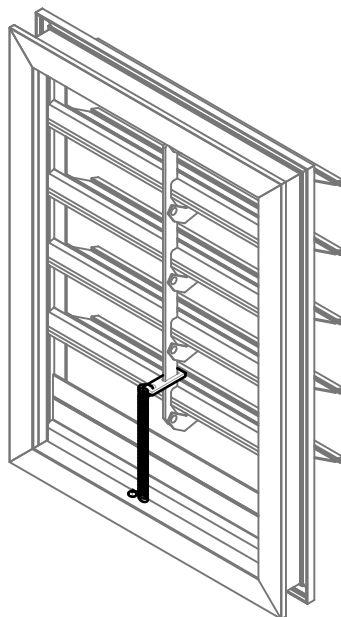
LIMIT BRACKETS



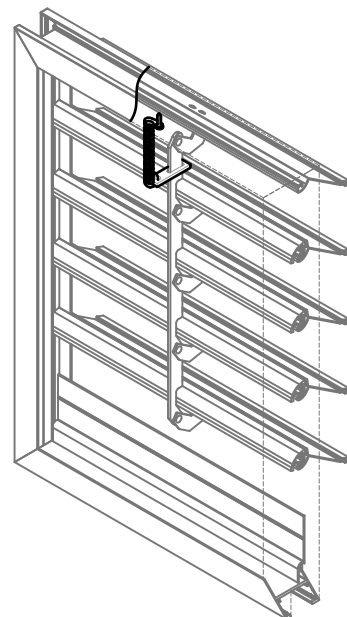
Jamb Cut Away for Clarity

COUNTERBALANCING SPRINGS

Assist to Open



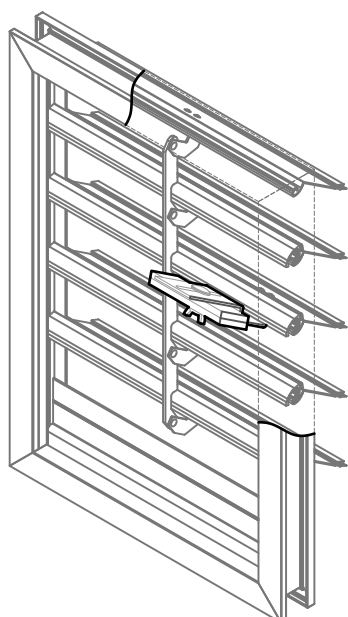
Assist to Close



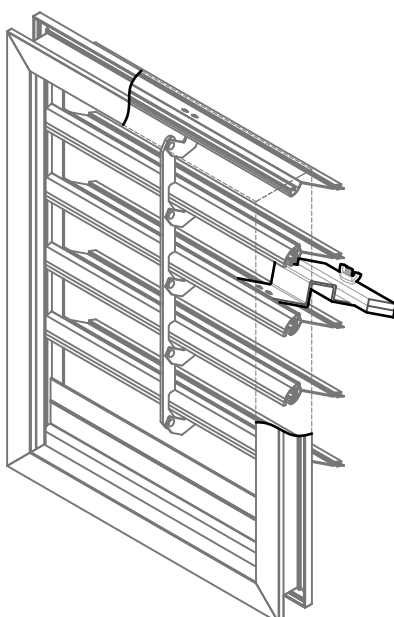
Head Cut Away and Jamb Removed for Clarity

COUNTERBALANCE WEIGHTS

Assist to Open



Assist to Close



Heads and Jambs Cut Away for Clarity

MOTOR KIT

Adds 4-7/8" to total depth

Includes Belimo TFB -SLTR
Actuator

