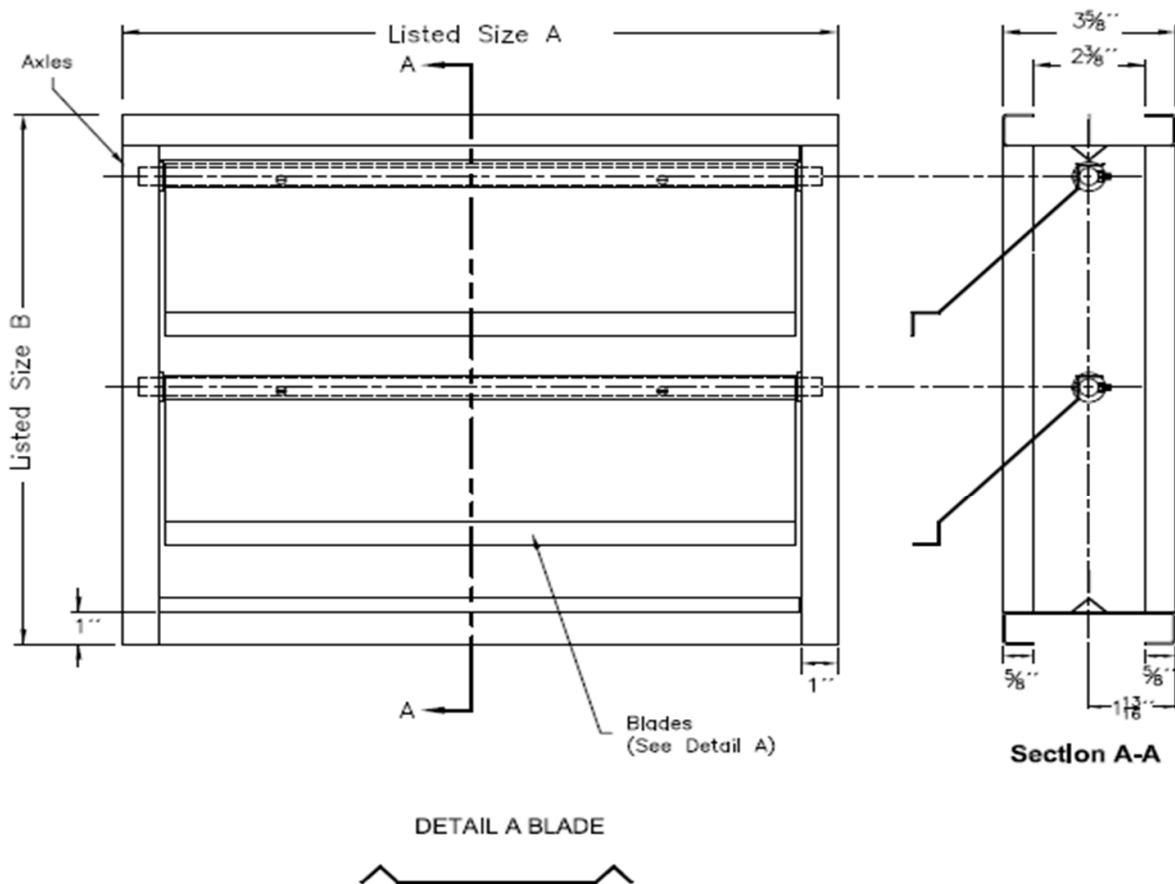


**L-BD BACKDRAFT DAMPER**



AXLES: Aluminum Ø 3/8"  
FINISH : Natural

Note : Available in sizes 12"x12" until 36"x40"

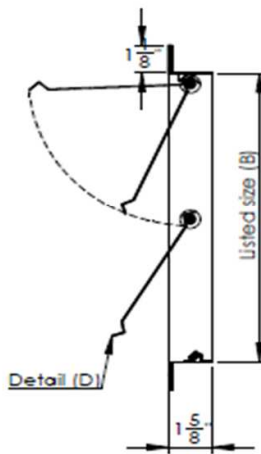
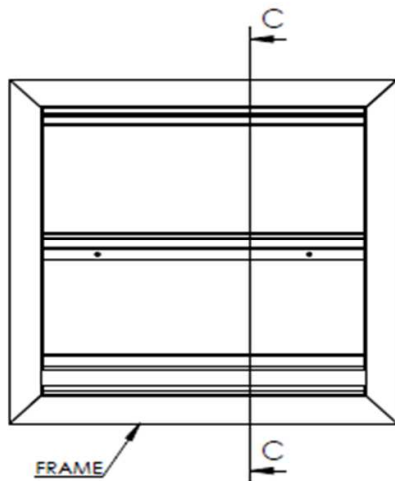
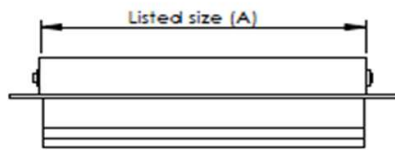


**LAMINAIRE®**

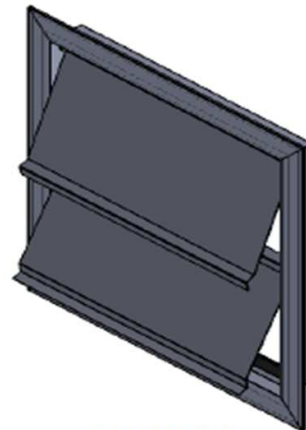
Grilles, Diffusers and A/C Accessories

**L-BD-F**

**L-BD-F BACKDAFT DAMPER WALL FRAME**



SECTION C-C  
SCALE 1 : 6



ISOMETRIC

DAMPERS

Finish  
White (Standard)  
Other colors (Optional)



BLADE L-BD DETAIL (D)

NOTE: Available in size (A)x (B) = 12"x12" to 40"x40"

## L-BD BACKDRAFT DAMPER

The L-BD offer backdraft protection in light to medium duty applications that demand less than 15 cfm per square foot of leakage at 0,5" w.g.

The damper's good looking appearance is maintained by sturdy.

Contemporary styling features blades that overlap the frame for optimum resistance to weather.

### FEATURES

- Blades: 0,025" (26) formed aluminum.
- Frame: 0,06" (16) formes galvanized steel or aluminum wall frame.
- Finish: Mill or white (wall frame)
- Minimum Size: 12"X12"
- Maximum Size: single section 36"X40".
- Temperature limits: - 40°F to + 200°F.

NOTE: When used in a fan discharge applications, damper should be located at minimum distance equal to half the fan diameter away from the fan discharge.

| L-BD         |                                                |                         |               |            |
|--------------|------------------------------------------------|-------------------------|---------------|------------|
| Damper width | Maximum back pressure (external wind velocity) | Maximum System Velocity | Leakage       |            |
|              |                                                |                         | % of max flow | CFM/sq. Ft |
| 40"          | 50 mph/ 1,5" w.g.                              | 1000 FPM                | 2             | 20         |
| 36"          | 65 mph/ 1,5" w.g.                              | 1000 FPM                | 2             | 20         |
| 24"          | 80 mph/ 1,5" w.g.                              | 1000 FPM                | 2,5           | 25         |
| 12"          | 90 mph/ 1,5" w.g.                              | 1000 FPM                | 4,5           | 45         |

| Operational pressure (w.g.) |                      |                   |
|-----------------------------|----------------------|-------------------|
| Damper                      | Blades start to open | Blades fully open |
| L-BD                        | 0,04                 | 0,12              |