



# BACKDRAFT DAMPER LBDF-1 REAR FLANGE SUBMITTAL SHEET



## BACKDRAFT DAMPER



**MODELS:**  
LBD-1  
LBDF-1 (with Rear Flange)

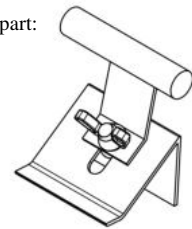
**APPLICATION**

The LBD-1 vertical/horizontal mounted Backdraft Damper that is designed to allow vertical/horizontal airflow and prevent reverse airflow. The damper is opened by air pressure differential and closed by gravity.

**OPTIONAL BLADE COUNTERWEIGHTS:**

Counterweights available on request

Optional part:



Note: Dampers will be provided less counterweights unless specified.

**STANDARD CONSTRUCTION**

- FRAME:** 6063T5 Extruded aluminum  
Minimum wall thickness 16 Ga.
- BLADES TYPE:** 6063T5 Extruded aluminum 16 Ga.  
counter balance rod holder  
Built into rear of blades
- SEALS:** Vinyl blade
- AXLES:** Cast aluminum
- LINKAGE:** 16 Ga. x 5/8" wide aluminum  
Concealed in the channel frame
- ORIENTATION:** Horizontal or vertical
- FINISH:** Mill finish

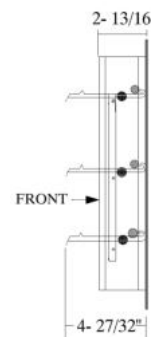
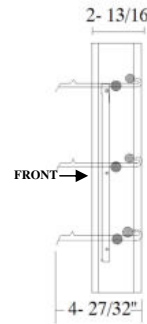
**MODEL AND MOUNTING SELECTION**

MODEL: LBD-1

- Vertical Installation
- Flangeless Duct Mounting

MODEL: LBDF-1

- Vertical Installation
- Flange Mount

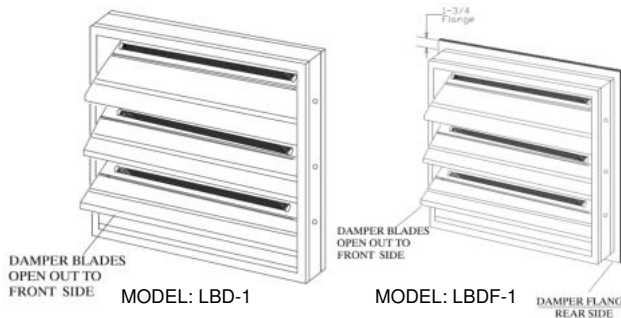
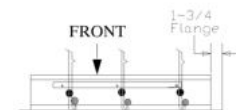


MODEL: LBD-1

- Horizontal Installation with Upward Airflow

MODEL: LBDF-1

- Horizontal Installation with Upward Airflow



**NOTE:**

When used in fan discharge applications, damper should be at least half the fan diameter distance from fan discharge.

Damper is 1/4" less than ordered dimensions unless specified "ACTUAL SIZE".

Single Section		Multiple Section
Minimum Size (WxH)	Maximum	Maximum Size
6"x6"	36"x60"	UNLIMITED

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