

Backdraft Damper

Aluminum blades · 200°F Max. Temperature · Vertical or Horizontal Mount

BA50

STANDARD MATERIALS AND CONSTRUCTION

FRAME: 20-GA galvanized rolled frame

BLADE: .35" aluminum blades

AXLE PINS: Zinc plated with push on retainer clips

STOP ANGLES: 20-GA galvanized

BLADE STIFFENER: 20-GA galvanized

SEALS: Self adhesive .125" x .375" foam

FINISH: Mill

NOTES

1. Damper frames are provided approximately 1/4" undersized.
2. Dampers are for vertical mount, horizontal airflow; horizontal mount, vertical up or down airflow.

DESIGN CRITERIA

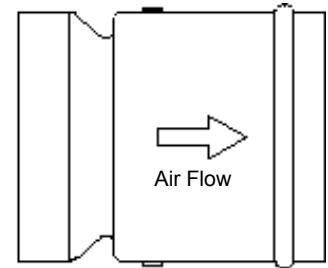
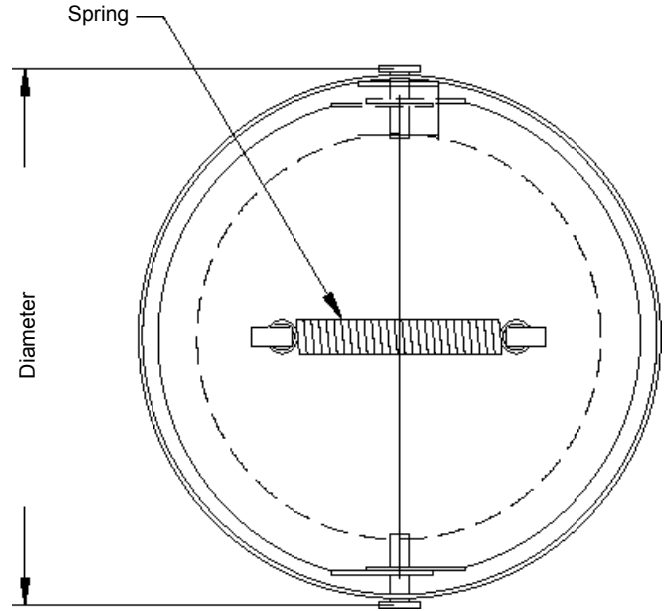
MAX VELOCITY: 1000 fpm

MAX DIFF PRESSURE: 1 in.wg

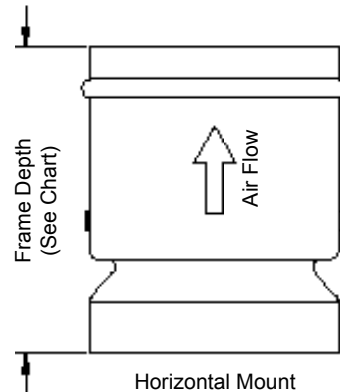
MAX TEMPERATURE: 200°F

DAMPER SIZES

Panels	Min Panel	Max Panel
Drop-In Frame	5" dia.	24" dia.
Size Chart		
Size	Actual Frame Diameter	Frame Depth
5"	4.87"	7.5"
6"	5.87"	7.5"
7"	6.87"	7.5"
8"	7.87"	7.5"
9"	8.87"	7.5"
10"	9.87"	7.5"
11"	10.87"	7.5"
12"	11.87"	10.5"
13"	12.87"	10.5"
14"	13.87"	10.5"
15"	14.87"	10.5"
16"	15.87"	10.5"
17"	16.87"	12.5"
18"	17.87"	12.5"
19"	18.87"	12.5"
20"	19.87"	12.5"
21"	20.87"	12.5"
22"	21.87"	12.5"
23"	22.87"	12.5"
24"	23.87"	12.5"



Vertical Mount



Horizontal Mount



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