

# In Line Back Draft Damper

## Ordering Information

- When ordering, specify material, gauge (if non-standard) dimension and end styles.
- Used to reduce backward airflow in the line.
- Designed for use in a horizontal line. Specify if vertical operation is required.
- Not an explosion isolation device



Ø in.	Length in.	B Length in.	Std Weight Lbs
3	17.5	7	2.25
4	18.5	7	3.00
5	19.5	7	3.50
6	20.5	7	4.00
7	21.5	7	4.50
8	22.5	7	5.00
9	23.5	7	10.00
10	24.5	7	20.00
11	25.5	7	25.00
12	26.5	7	30.00
13	32.5	12	36.00
14	33.5	12	42.00
15	34.5	12	49.00
16	43.5	20	59.00
17	44.5	20	63.00
18	45.5	20	72.00
20	47.5	20	78.00
22	49.5	20	85.00
24	51.5	20	90.00
26	57.5	24	100.00
28	59.5	24	110.00
30	61.5	24	115.00
32	63.5	24	120.00
34	65.5	24	130.00

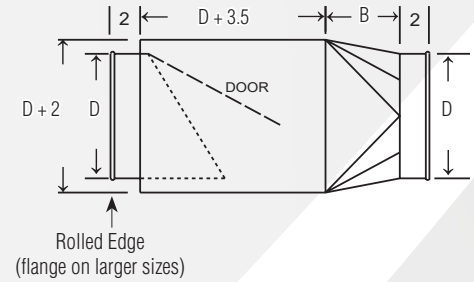
## QF Material Options

Galv				SS			
Gauges	Size (in)		Gauges	Size (in)			
	Min. Ø	Max. Ø		Min. Ø	Max. Ø		
Standard	18	3	16	20	4	12	
	16 (Collar*)	18	24	18	13	24	
	14 (Body)			Optional Standard	16	8	12

## Flanged Material Options

Galv				SS			
Gauges	Size (in)		Gauges	Size (in)			
	Min. Ø	Max. Ø		Min. Ø	Max. Ø		
Standard	18	3	16	20	4	12	
	16 (Collar*)	18	32	18	13	34	
	14 (Body)			Optional Standard	16	8	12
	16 (Collar*)	34	34				
	12 (Body)						

\* Collar and transition



### Construction:

**Seam:** lapped, spot welded, and caulked.

**Collars:** located on the exterior side of each port and considered as airflow non-directional. Collars have a laser welded longitudinal seam. If airflow directional product is required, it must be stated on the PO and additional cost may be incurred. A raised lap seam and spot weld are used for attaching the collar to the body and no caulking is used. If caulking is required, additional cost may be incurred.

### Optional End Styles

Standard QF end can be changed to Raw ID (RI), Raw OD (RO), No Fitting (NF), Flat Flange (FFL), Angle Flange (AFL), or Van Stone (VS).

**NOT AN  
EXPLOSION ISOLATION DEVICE**