

### MAXIM SILENCER APPLICATIONS

**FPS / FPSE – Full Flow Area Absorptive Design with Internal Center Panel – Expected Attenuation of High Frequency Noise is 15 to 30 dBA**

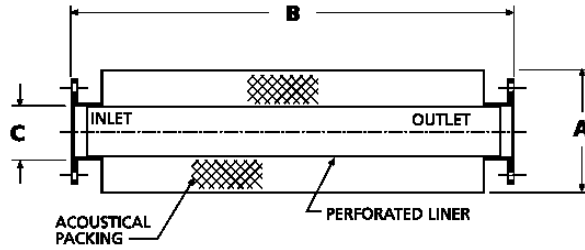
Use for high degree of high frequency noise attenuation. Use FPS model for intake service; FPSE model for exhaust service.

**FPC / FPCE – Absorptive Design with Internal Center Panel – Expected Attenuation of High Frequency Noise is 20 to 25 dBA**

Use for medium to high degree of high frequency noise attenuation. Use FPC model for intake service; FPCE model for exhaust service

**FP / FPE – Straight Through, Absorptive Design – Expected Attenuation of High Frequency Noise is 20 dBA**

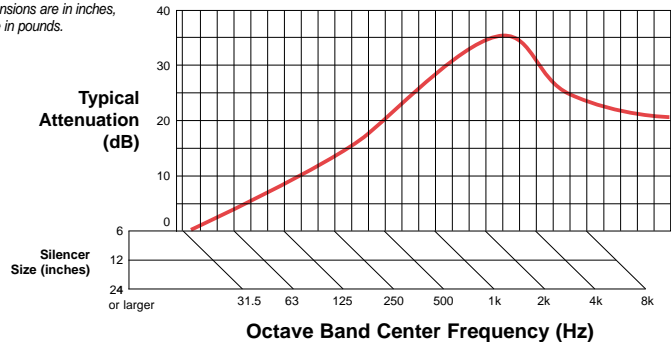
Straight through design with no center panel offers good attenuation of high frequency noise with low pressure drop. Use for small atmospheric vent applications, on blower or compressor intakes and discharges, and as an add-on to boost overall attenuation when installed in series with an M-line chamber type silencer. Use FP model for intake service; FPE model for exhaust service



Size	(FP) A	(FPE)	B	C	Est. Wt.
*1 1/2	4 3/4	4 3/4	20	1 1/2	8
*2	5	5	24	2	12
*2 1/2	6	6	26	2 1/2	14
*3	6 1/2	6 1/2	30	3	20
*3 1/2	7	7	34	3 1/2	28
4"	10 1/8	11	38	4	55
5"	11 1/8	12	42	5	63
6"	12 1/8	13	48	6	80
8"	14 1/8	15	54	8	120
10"	16 1/8	17	67	10	180
12"	18 1/8	19	79	12	290
14"	20	20	91	14	330
16"	22	22	103	16	440
18"	24	24	116	18	570
20"	26	26	128	20	700
22"	28	28	140	22	820
24"	30	30	152	24	1100
26"	32	32	164	26	1370
28"	34	34	176	28	1560
30"	36	36	188	30	1770

\* Sizes 3 1/2" and smaller have NPT connections

Note: Dimensions are in inches, weights are in pounds.



#### Typical Applications:

- Internal combustion engine intakes & exhausts
- Blower & compressor intakes & discharges
- Small low pressure steam & gas vents
- Steam ejectors

#### Features:

- Advanced acoustical design
- All welded construction & long service life
- Easily installed in any position
- Prime coated exterior finish
- Low pressure drop

#### Optional Accessories:

- Various support arrangements
- Special paints

#### Sample Specification:

Acoustical packing shall be fiberglass or other material suitable for the application, protected by perforated metal wire screen/cloth