



COMPACT FILTER SILENCERS

"FS" Series 3" - 6" BSPT

APPLICATIONS & EQUIPMENT

- ♦ Industrial & Severe Duty
- ♦ Engines
- ♦ Waste Water Aeration
- ♦ Blowers - Side Channel & Roots
- ♦ Fans
- ♦ Sparging
- ♦ Piston Compressors
- ♦ Construction\Contractor Industry
- ♦ Factory Air
- ♦ Screw Compressors
- ♦ Medical
- ♦ Vacuum Vent Breathers
- ♦ Hydraulic Breathers – fine filtration
- ♦ Pneumatic Conveying

FEATURES & SPECIFICATIONS

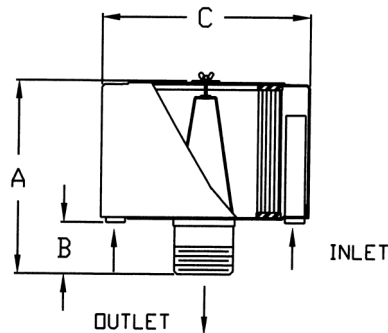
- ♦ Fully drawn weatherhood - no welds to rust or vibrate apart
- ♦ Interchangeable media: Polyester, Paper, HEPA
- ♦ Tubular silencing design - tube is positioned to maximize attenuation and air flow while minimizing pressure drop
- ♦ Several element sizes available per given connection (safety factor)
- ♦ Durable carbon steel construction with gray baked enamel finish and powder coated weatherhood
- ♦ Temp (continuous): min -26°C (-15°F) max 104°C (220°F)
- ♦ Low pressure drop center bracket and outlet pipe design
- ♦ Filter change out differential: 255-380mm H₂O over initial delta P
- ♦ 1/8" tap hole
- ♦ Pressure drop graphs available upon request
- ♦ Polyester: 99%+ removal efficiency standard to 5 micron
- ♦ Paper: 99%+ removal efficiency standard to 2 micron

OPTIONS (Inquiries Encouraged)

- ♦ Various media available
- ♦ Available in **Stainless Steel**
- ♦ Side Access QB Series Filters for space restricted enclosures (Selected models)
- ♦ Pressure Drop Indicator
- ♦ Custom connections, NPT
- ♦ Epoxy coated housings

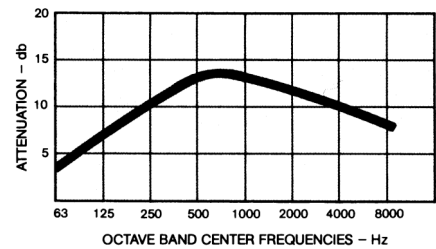
CONFIGURATION

DRAWING



Dimension tolerance ± 6 mm

TYPICAL NOISE ATTENUATION – FS SERIES



♦ Noise attenuation may vary due to the wide range of applications and machines

I = Industrial Duty S = Severe Duty E = Extreme Duty

	with Polyester Element	with Paper Element	BSPT Outlet	DIMENSIONS - mm			Rated Flow m ³ /h			No. of Silencing Tubes	Approx. Wt. Kg
				A	B	C	Piston	Screw, Blower, Fan	Element Rating		
S	FS-235P-301	FS-234P-301	3"	330	76	406	340	510	970	9	13
S	FS-245P-301	FS-244P-301	3"	330	76	406	340	510	1500	9	14
E	FS-275P-301	FS-274P-301	3"	330	76	406	340	510	1870	9	15
I	FS-235P-401	FS-234P-401	4"	356	102	406	510	885	970	9	14
S	FS-245P-401	FS-244P-401	4"	356	102	406	765	885	1500	9	14
E	FS-275P-401	FS-274P-401	4"	356	102	406	765	885	1870	9	15
I	FS-245P-501	FS-244P-501	5"	356	102	406	850	1360	1500	14	15
S	FS-275P-501	FS-274P-501	5"	356	102	406	1105	1360	1870	14	16
I	FS-275P-601	FS-274P-601	6"	394	133	406	1105	1870	1870	18	17

Note: Model offerings and design parameters may change without notice.

Solberg – Discover the Possibilities

FILTER SILENCERS
QB, FS, BBF, LQB, PS, SLCR Series