

FIBERSONIC SILENCERS™

FRP SOUND CONTROL SILENCERS FOR POLLUTION CONTROL SYSTEMS

Description:

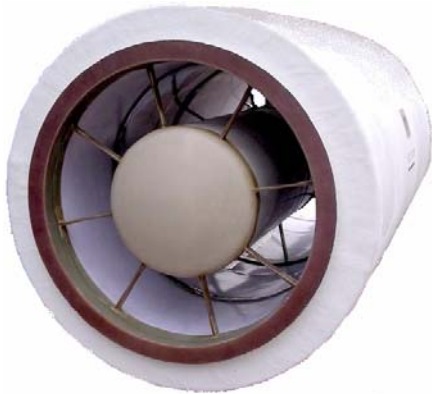
Fibersonic silencers are made of Fiberglass Reinforced Polyester and can be used where corrosive air streams prevent the use of standard metal silencers. Designed for use in waste water treatment plant exhaust systems where sound control is as essential to the environment as pollution control.

Available in sizes up to 72" ID and 144" length. Pictured at right, is the Model FS-48-120 installed in 2003.



Construction Features:

- FRP Outer Body Casing
- FRP Center Body Supports
- 1/8" Perforated Polypropylene Liner
- Perforated Polypropylene Center Body Shell
- Mineral Wool Acoustic Insulation
- Available With & Without Center Body



ACOUSTICAL DATA with CENTER BODY								
OCTAVE BAND CENTER FREQUENCY								
	63	125	250	500	1000	2000	4000	8000
Insertion Loss (dB) 0 FPM Velocity	2	13	24	29	34	24	18	19
Above data based on Fibersonic Model # FS24-48CB Silencer has been tested for insertion loss, self-noise and pressure drop in a NVLAP accredited acoustical laboratory in full accordance with ASTM E477								

ACOUSTICAL DATA without CENTER BODY								
OCTAVE BAND CENTER FREQUENCY								
	63	125	250	500	1000	2000	4000	8000
Insertion Loss (dB) 0 FPM Velocity	1	13	21	15	14	10	9	8
Above data based on Fibersonic Model # FS24-48 Silencer has been tested for insertion loss, self-noise and pressure drop in a NVLAP accredited acoustical laboratory in full accordance with ASTM E477								

	<h2>FIBERSONIC SILENCERS™</h2>	<p>David P. Wilson Co., Inc. Bellevue, WA www.davidpwilson.com PH: 425 . 462 . 0624</p>
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