Compact Discharge Filter Silencer
EFS Series

Series Specific Applications

• Dry Scroll, Piston, Vane and Venturi Vacuum Pumps
• Prevent tip seal dust and debris from contaminating the environment
• Silence irritating pump exhaust noise

Features

• Compact design combines both filtration efficiency and noise reduction
• Integrated inlet diffuser optimizes sound attenuation
• Multi-stage noise reducing features including final stage sound absorbent insert
• Tubular silencing design - tube is positioned to maximize attenuation and air flow while minimizing pressure drop
• Patented high grade element w/Built-in Butterfly gasket seal which creates positive seal between housing hemispheres and a new seal with each element,
• Seamless drawn housings
• Durable carbon steel construction with black powder coated finish
• Ability to mount vertically, horizontally

Specifications

• Polyester: 99%+ removal efficiency to 25 micron
• Temp (continuous) min–15°F(-26°C) max220°F(104°C)

Options

• Over pressure relief valve
• Zinc clear plated finish
• HEPA filter media (99.97% efficient @ 0.3 microns)
• Custom inlet connections to match pump discharge
• Straight through versions to remote pipe exhaust

Table:

<table>
<thead>
<tr>
<th>with Polyester Element</th>
<th>Connection Size</th>
<th>Connection Style</th>
<th>DIMENSIONS - inches</th>
<th>Nominal Flow SCFM</th>
<th>Approx. Wt. lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>EFS-05-038/1</td>
<td>3/8&quot; MPT</td>
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<td>A: 2 3/4, B: 5/8, C: 2 1/2</td>
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<td>0.50</td>
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<tr>
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<td>1/2&quot; MPT</td>
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<td>A: 3 3/4, B: 7/8, C: 3 1/4</td>
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<td>0.75</td>
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<tr>
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<tr>
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<td>1.25</td>
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<tr>
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<td>A: 4 1/2, B: 7/8, C: 4 1/8</td>
<td>24</td>
<td>1.25</td>
</tr>
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Example of EFS Series Exhaust Filter Silencer on the discharge of a Vacuum Pump

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