Suppress Pipeline Noise with Fisher™ WhisperTube Modal Attenuators

Minimize fenceline noise and protect your personnel.

Industry is driving down noise requirements.

High flow and high pressure drop processes can get very loud, very quickly. Allowing this noise to continue puts you at risk of personnel safety issues, equipment damage, and environmental agency violations and penalties.

Path treatments, such as acoustic insulation, only mask the damaging noise effects coming from inside the piping. Source controls, such as diffusers and control valve trims, work to lower noise levels, but can come with limitations in flow capacity and the potential to become clogged with particulate.

A full-bore noise reduction solution.

The Fisher WhisperTube 6060 modal attenuator is a simple, passive device offering 15 decibel noise reduction for noisy gas or vapor applications. Uniquely, it reduces noise inside the pipe for all sources upstream of it and generates no pressure drop, so there is no impact on process flow. Install it downstream of the control valve or other equipment contributing to system noise.
Suppress Pipeline Noise with Fisher WhisperTube Modal Attenuators.

Retrofit the WhisperTube into noisy, problematic applications or pair it with new equipment to reduce noise and keep personnel safe without impacting the process.

**Broadband Noise Reduction**
Cavities of varying sizes surround a cylindrical screen. Acoustic waves enter the cavities, interact, and reflect off the internal body surfaces. The waves cancel each other out, resulting in reduced noise.

**Straight-Through Design for Pipeline Pigs**
The WhisperTube features a straight-through flow geometry with inside diameter that matches the pipe. It accommodates pigging operations when required for cleaning and maintenance. [View instruction manual]

**Additional Product Benefits**
- **Application Versatility:** The WhisperTube is designed for a wide range of fluid flow rates, pressures, and temperatures. Its operating temperature range is -46 to 371°C (-50 to 700°F).
- **Sour Service Capability:** NACE MR0103, MR0175 / ISO 15156 compliant materials of construction are standard for applications involving sour gas or vapor.
- **Reliable Performance:** There is no internal acoustic packing material in the WhisperTube to fail from moisture absorption. A cast internal drain channel ensures any potential liquid buildup can be removed, ensuring optimum performance.

**Learn More/Additional Resources**
- [WhisperTube Product Webpage](#)
- [Find an Emerson sales office near you](#)

---

**Emerson Automation Solutions**
Marshalltown, Iowa, 50158 USA
Sorocaba, 18087 Brazil
Cernay, 68700 France
Dubai, United Arab Emirates
Singapore 128461 Singapore

© 2021 Fisher Controls International LLC. All rights reserved. Fisher and FIELDVUE are marks owned by one of the companies in the Emerson Automation Solutions business unit of Emerson Electric Co. Emerson, and the Emerson logo are trademarks and service marks of Emerson Electric Co. All other marks are the property of their respective owners. The contents of this publication are presented for informational purposes only, and while every effort has been made to ensure their accuracy, nothing herein is to be construed as a warranty or guarantee, express or implied, regarding the products or services described herein or their use, performance, merchantability or fitness for a particular purpose. Individual results may vary. All sales are governed by our terms and conditions, which are available upon request. We reserve the right to modify or improve the designs or specifications of our products at any time without notice. Responsibility for proper selection, use and maintenance of any product or service remains solely with the purchaser and end user.