

Ventx Silencer Solutions:

The Ventx Solution

Ventx has over twenty years of industrial silencer design; it exploits over 60 years of acoustic knowledge and 50 years of quality manufacturing.

A Ventx silencer uses a combination of diffuser design and an absorptive core section.

As Vent and In-Line silencers are seldom a catalogue selection, at Ventx we design each silencer to suit the customer specific requirements.

Valve Selection The Ventx design can provide a back pressure which can help when selecting a valve, and this is why our silencer inlets are always designed and manufactured with reference to a design code.

Vent Silencers

- * High Pressure Vents
- * Steam Vents
- * System Blowdown and Purge Vents
- * Safety Relief Valve Outlets
- * Flare Outlets



In-Line Silencers

There are two types of silences for in-line applications:

Control Valve Silencers

- * Designed to provide a pressure drop or back pressure, and reduce valve noise.
- * Primarily used in conjunction with a control valve.
- * Attenuation is achieved with a combination of diffuser design and an absorptive section.

Direct In-Line Silencers

- * Produce as little pressure loss as possible.
- * Achieve the required attenuation using only an absorptive section.
- * Supply acoustic core inserts to fit in your pipe-work.

Pressurized Parts

Ventx design and manufacture all inlets with reference to ASME B31.3, ASME VIII or PD5500.

In-Line silencers for use in pressurized systems are designed as fully welded vessels to ASME B31.3, ASME VIII or PD5500, and apply the requirements of the PED.

Noise Standards

The Control of Noise at Work Regulations 2005
Environmental Noise (England) Regulations 2007

**As customer requirements will vary,
we are always available to
discuss your specific requirements.**

What we need from you

In order to design the unit which best suits you, we would look for the following information:

- * Fluid / Gas
- * Mol. Wt. , Cp/Cv
- * Flowrate
- * Up-Stream Pressure,
- * Silencer Inlet Pressure,
- * Temperature
- * Connection, Size & Type
- * Required Sound Attenuation

Our Customers

We supply to a wide and varied customer base. Customers include:

- * Alstom
- * Baker Hughes
- * BOC
- * Enka İnşaat ve Sanayi A.S
- * Institute of Noise and Vibration Research
- * iGAS Technology Solutions
- * Kontram Oy Sabic
- * ScottishPower
- * Spirax Sarco Transvac Systems
- * Waste Gas Technology





Why Ventx:

- We supply a silencer to meet your design criteria
- Guaranteed performance
- Guaranteed high standard of workmanship
- High quality materials
- Long service life
- Cost effective and practical solution to your noise problem
- Service Free
- Documentation and QA



For further information or to discuss your application contact:

Ventx Limited

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0797 909 5671**

**Or visit our website
www.ventx.co.uk**

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- **Venting to Atmosphere**
- **In-Line Noise Control**
- **Control Valve Noise**
- **Blowdown Control**

**Industrial
Silencer
Solutions**