

VENT & BLOWDOWN SILENCERS

OVERVIEW

Maxim Silencers custom engineers and manufactures Vent Silencers for a wide variety of compressed gases ranging from air to superheated steam, reducing the noise associated with venting high pressure steam or gas to atmospheric pressure. With more than 125 years of experience in acoustical engineering for the oil & gas and chemical industries, our vent and blowdown silencers are designed to meet the requirements and stringent performance parameters of your application.

Typical Applications: Natural Gas Pipeline Compressor Station Blowdown, Natural Gas Pipeline Maintenance Blowdown, Compressed Gas Vents, High Pressure Superheated Steam Vents, Constant Flow Safety Relief Valve and Boiler Systems

FEATURES & OPTIONS

- Variable sound attenuation
- Stainless steel construction; internals and/or shell
- Horizontal or vertical support arrangements
- Custom mounting options
- Multiple inlet options
- High heat silicone black or aluminum finish, special paints and finishes available
- NPT drain coupling
- Weatherhood or birdscreen available
- AMSE Section VIII, Div. 1 code diffuser
- Complete range of complimentary accessories available



VARIABLE FLOW BLOWDOWN VENT SILENCERS

Large Blowdown Silencer used at natural gas compression stations to blow-down gas to atmosphere for maintenance or emergency pressure relief for residential and noise sensitive areas.

VENT & BLOWDOWN SILENCERS

Vent or Blowdown Silencer

Type of Gas

- Air Natural Gas
 Steam Other

Molecular Weight:

Specific Gravity:

Specific Heat Ratio:

Constant/Continuous Flow Vent

Gas Temperature: ° F

Gas Temperature: PSIG

Continuous Vent Flow: lb/hr

Varying/Intermittent Blowdown Vent

Initial Starting Pressure: PSIG

Final Ending Pressure: PSIG

Volume Vented: cu. ft.

Blowdown time: minutes

Sound Requirements

Silenced Level: dBA

Distance from outlet: ft.

Construction

Silencer Inlet Size: in.

- Flanged
 Stub

Rating:

Supports / Mounting

- Legs Skirt & Base Ring
 Body Brackets

COMPRESSOR MOUNTED BLOWDOWN SILENCERS

Small Blowdown Vent Silencers used on natural gas compressor packages to release gas from pressurized vessels and piping for maintenance and repair.

