BLOW DOWN SILENCER

MUELLER MODEL BDS

The Mueller Model BDS Blow Down Silencer effectively reduces the noise associated with venting high pressure steam or gas to atmospheric pressure. The BDS has been successfully employed under a wide variety of conditions for the following applications:

- Steam or Gas Process Vents
- Natural Gas Blowdowns
- Safety Relief Valves
- Boiler Start-up and Purge Systems
- Steam Ejectors

The BDS utilizes an acoustic model long accepted in the industry, incorporating absorptive and dissipative acoustic functions. The cylindrical arrangement enables low pressure drop while achieving high attenuation properties.

BDS ADVANTAGES

- Highly versatile, covering a variety of applications
- Robust construction designed to withstand mechanical stresses of high pressure venting
- Field proven and time tested under a wide range of conditions
- Engineered for your specific installation
- Designed and constructed for low maintenance and durability
- Simple installation

OPTIONS

- Stainless steel construction
- Drain valve
- Take-apart design with removable internals
- Special internal/external finishes

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WARRANTY

Mueller Environmental Designs guarantees to meet noise control criteria, warranties against poor workmanship, material defects, failure due to improper equipment selection.

REQUIRED PROPOSAL DATA

Because all Mueller equipment is engineered and built for each specific installation, the following information is required for proposals involving BDS Silencers:

- Application-vent or blow down
- Service-intermittent or continuous
- Type of Gas or Steam
- Flow Rate, Blow down time and volume
- Upstream pressure and temperature
- Valve type and size
- Silenced Noise Criteria

THERE IS A DIFFERENCE

It may be possible to buy cheaper equipment. Our goal is to deliver you the best value – the highest quality at the most reasonable price possible. We engineer our products to deliver optimum efficiency and build them to last. To ensure quality control, our products are manufactured in our own ASME facility outside Houston using heavy duty materials and components to keep your operations up and running with minimum maintenance and maximum lifespan. We don’t cut corners.

COMPLETE PACKAGE SOLUTIONS

We can provide complete system packages including compatible Mueller equipment, as well as ancillary items such as controls, platforms, skids, ladders, etc.