



Peerless Europe

Incorporating:  BURGESS-MANNING EUROPE



industrial silencers

making energy safe, efficient and clean



Peerless, a recognised global leader committed to innovation, its people and a better world, by creating engineering solutions for the energy industry.



BURGESS-MANNING Industrial Silencers

Founded in 1917 Burgess Manning Industrial Silencers are the industry leaders in noise and pulsation control. Serving the energy industry throughout the world our wide range of standard and bespoke models control the noise associated with a wide range of industrial processes.

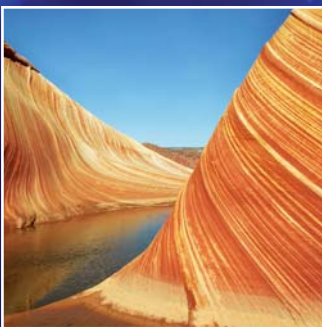
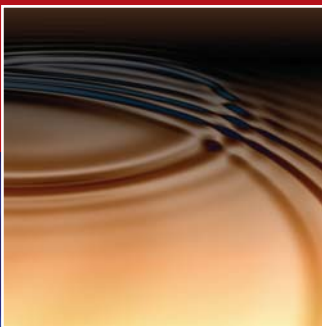


Silencers

The range of products previously offered by Quietflo Engineering Limited has been available as part of the Burgess-Manning range since 1990.

Peerless Support Services

The aftermarket sales and spare parts support from our UK office, with state-of-the-art performance simulation and testing at our Dallas-based parent company, provides our clients with an industry leading service and support package, from first contact through to installation and beyond.



Product Applications

Gas Transmission/Compressor Stations

- Engines, Compressor Station Blow-down, Compressors.



Petrochemical & Oil

- Safety Relief Valve, Control Valve, Blow-down, Compressors, Vacuum Pump, Blower Silencer, HRSG.



Power

- Safety Relief Valve, Start Up Valve, Control Valve, Blow-down Valve, Engine Exhaust Silencer, HRSG.

Nuclear Power

- Main Stream Safety Relief Valve Silencer.



Peerless Research and Development

Our constant product improvement uses the latest techniques and makes it possible to reduce the size of our equipment whilst improving performance.





The Burgess Manning Industrial Silencers typically fall into the following categories:

Reactive/Chambered

- Acoustic barriers within the silencer are used to reflect noise energy back to the source to attenuate low frequency noise.

Absorptive/Dissipative

- Silencer shells are lined with absorptive material to dissipate acoustic energy to attenuate high frequency noise.

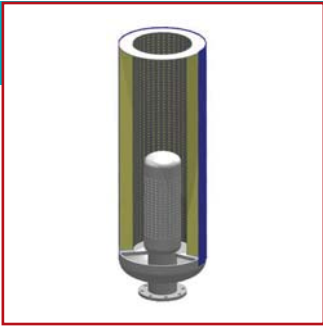
Diffuser/Absorptive

- These systems combine absorptive and reactive designs to cover a broader range of frequencies to improve overall performance.

Throttling Diffuser/Inhibitive

- To prevent noise in pressure reduction applications typically encountered in vent or process piping systems.
- Impedance devices are used to dissipate acoustic energy at the source, eliminating the need for additional noise reduction components.
- Advanced micro-diffusion substantially reduces the size and weight that is normally required using the Absorptive/Reactive approach.





The range of Burgess-Manning Industrial Silencers includes:

- Vent and Blow Down Silencers.
- Gas Turbine, High Pressure Intake and Exhaust Silencers.
- Engine Intake and Exhaust Silencers.
- Compressor, Steam and Air Discharge Silencers.
- Blower Silencers.
- Vacuum Pump Silencers.
- Combination Separator/Silencers.



Peerless Europe Limited

Incorporating:  *BURGESS-MANNING EUROPE*

Cardinals Court
Bradford Street
Braintree
Essex
CM7 9AT
UK

Telephone: +44 (0)1376 556030
Fax: +44 (0)1376 556059
E-mail: sales@peerlesseurope.com
www.peerlesseurope.com



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