Product Applications
Gas Transmission/Compressor Stations
- Engines, Compressor Station Blow-down, Compressors.

Petrochemical & Oil
- Safety Relief Valve, Control Valve, Blow-down, Compressors, Vacuum Pumps, Blower Silencer, HRSG.

Power
- Safety Relief Valve, Start-up Valve, Control Valves, 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.
Peerless, a recognised global leader committed to innovation, its people and a better world, by creating engineering solutions for the energy industry.

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-diffusor substantially reduces the size and weight that is normally required using the Absorptive/Reactive approach.

**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.

**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.
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**Burgess Manning Industrial Silencers**

The range of 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.

**Quietflo Silencers**

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

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1. **Reactive/Chambered**
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2. **Absorptive/Dissipative**
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3. **Diffuser/Absorptive**
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4. **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.
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Industrial Silencers
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