Since 1977, Barclay Engineering has been producing quality silencers and attenuators for a range of industries and applications.

We are proud to be associated with one of the world leaders in attenuation technology, Galloway Acoustics. Galloway attenuators suit a range of applications, including HVAC, ventilation systems, genset enclosures, Oil & Gas stainless steel options and a myriad of other noise reduction applications.

As licensed manufacturers of Galloway attenuators and silencers, we are one of the only Australian companies that can produce to BS 4718: 1971, ISO 7235: 1996 and UKAS standards.

**KEY APPLICATIONS**

- **Oil & Gas.** We manufacture Stainless Steel options to suit oil & gas stringent specifications.
- **Building Services.** Airborne and duct-borne noise and vibration control from all types of building services, Air Handling Units, Extract Fans, Chillers, Pumps, VAV and CV boxes etc and a myriad of other HVAC applications.
- **Industrial.** Tailored solutions for genset enclosures, power stations, generation halls and gas turbines.
- **Options.** We can design and manufacture attenuators to meet the most demanding noise reduction specifications.
RECTANGULAR AND CYLINDRICAL SILENCERS

Rectangular and cylindrical silencers are used to reduce the noise in “air moving” applications such as air conditioning or ventilation systems, fan and blower inlets and outlets, dust control equipment, motor cooling fans, enclosure ventilation and other industrial applications. Both types of silencers are absorptive, with the rectangular silencer using absorptive splitters to reduce the noise, while the cylindrical silencer is insulated with acoustic infill and if required, a central-pod is inserted in the silencer for higher attenuation.

Barclay Engineering can offer technical assistance to design attenuators to suit a customer's specific need. We have also designed attenuator selection tools in either hard copy or CD format that cover our entire range of attenuators. These tools enable our customers to easily select the appropriate product to suit airflow and noise reduction requirements.

STEAM AND GAS BLOW-OFF SILENCERS

Steam and gas blow-off silencers are used on pressure relief valves, safety and other vent outlets for steam and other gases, such as carbon dioxide, nitrogen or oxygen. Blow-off silencers usually have both a reactive and an absorptive component, and are of a heavy construction for the application.

BLOWER AND COMPRESSOR SILENCERS

Blower and compressor silencers are either reactive or a combination of reactive and absorptive components. Typically they are used on inlet and/or discharge runs to reduce the airborne noise being emitted.