

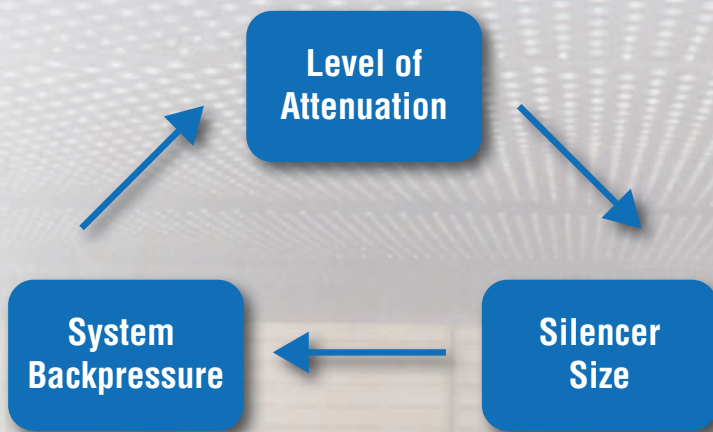


QuietShield™ Line of Silencers

Quieter, less restriction, and smaller

At Universal, we have a history of developing innovative sound and emission control devices. Our innovation tradition was established with Nelson and Nelson-Burgess' know-how throughout the years. With the new QuietShield™ Silencer, we did not disappoint our tradition.

There are three design components to consider when selecting a silencer—level of attenuation, silencer size, and backpressure. The rule of thumb is “You can have two, but not three.” To gain in one area, another area needs to suffer.

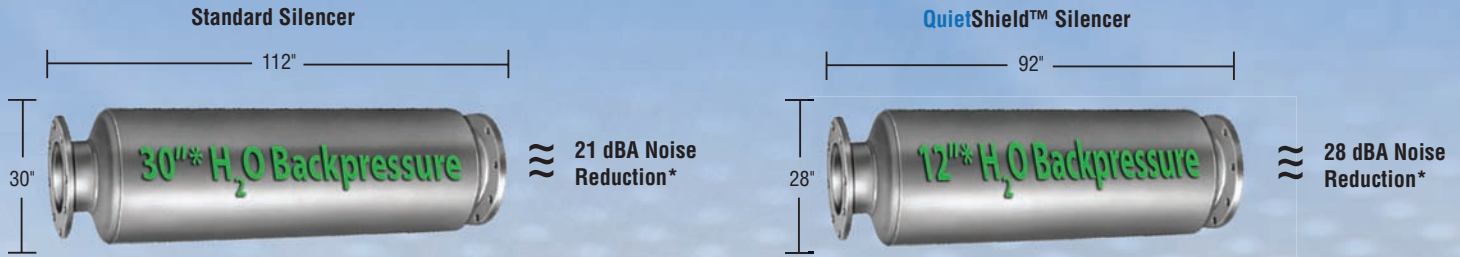


The QuietShield™ breaks the rule of thumb by allowing all three! Universal took the best of both its traditional designs, Nelson and Nelson-Burgess, and combined them into a breakthrough in silencer design. It incorporates reactive and absorptive silencer technologies to provide a smaller, less restrictive and higher performing silencer.

FEATURE	BENEFIT
35% Better Acoustic Performance	Reduces chance of noise complaints Utilize a lesser grade of silencer for cost savings
50% Less Backpressure	Engines operate more efficiently Less wear and tear on engine components Allows retrofit opportunities with emission control devices
20–25% Smaller Size	Easier to fit into tight enclosed packages and equipment rooms Easier to install = less labor cost

Tale of the Tape

Comparison between a standard silencer and the QuietShield™, 12" inlet, critical grade at 7,000 CFM on a one MW Generator.



*Actual engine test data

The QuietShield™ Program

Universal provides a complete solution for your exhaust needs. Our mission is to provide an exhaust system that is easy to select and purchase. The QuietShield™ Program provides:

FEATURE

Internally insulated shell

Ancillary equipment such as mounting brackets, flanges, bellows, elbows, and mounting kits

Hundreds of stocked items

Automated sizing and selection tools

Optional stainless steel construction available

Custom design and manufacturing capabilities

BENEFIT

No need for costly insulation blankets

Issue one PO

Peace of mind knowing it will all fit

Fast delivery

Easy and quick selection of silencer size and type.

Provides recommendations for ancillary equipment

Able to meet demanding applications

No need to compromise on your system's performance

www.universalAET.com/QuietShield

Global Support

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