



UNIVERSAL

Acoustic & Emission Technologies

PRODUCT PORTFOLIO



GAS TURBINE INLET AND EXHAUST SYSTEMS

Universal designs and manufactures inlet and exhaust silencers, stacks, baffles, transitions, enclosures and ducting for all major turbine brands, whether used for primary or back-up power.

Universal provides complete turnkey services to retrofit inlet and exhaust systems.



VENT SILENCERS

Vent silencers are used in conjunction with systems that utilize a pressure relief valve. Typical applications for vent silencers are in oil, gas, industrial, and chemical processing, heat recovery systems and steam boilers.



ABSORPTIVE AND INDUSTRIAL FAN SILENCERS

Absorptive silencers attenuate mid- and high-frequency noise energy, such as the noise generated by high-speed centrifugal blowers, fans and compressors.



AIR FILTERS AND FILTER-SILENCERS

We offer a complete selection of inlet and inline air filters and filter-silencers for use on air-moving equipment and engines.



BLOWER SILENCERS

Reactive or combination reactive/absorptive silencers attenuate airborne noise on the jetport, inlet and discharge of positive displacement blowers.



CATALYSTS

Oxidation Catalysts can reduce Carbon Monoxide by 90% and Hydrocarbons by 80%. Each catalyst element uses a robust metal foil design to maximize performance and longevity. Universal offers diesel oxidation catalysts and 3-way catalysts for natural gas engines.



WATER SEPARATOR SILENCERS

Both inlet and discharge water separator silencers are available for vacuum pump applications.



ENGINE SILENCERS

Universal exhaust silencers provide the most favorable performance for all applications, and offer 10 to 60 inch connection sizes for reciprocating engines.



CUSTOM ENCLOSURES

Universal offers custom sound-attenuating enclosures for turbine and engine applications. We also provide complete GenSet packages for standby power.

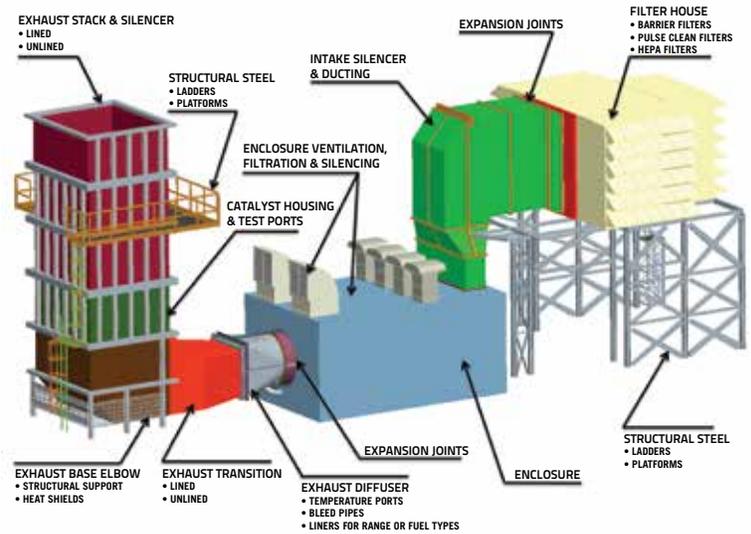


SINGLE SOURCE SYSTEM SUPPLY

UNIVERSAL AET is a global leader in acoustic, emission and filtration technology. Since 1959, Original Equipment Manufacturers, packagers and end-users in the power generation, oil and gas, marine, locomotive, industrial process and wastewater markets have relied on Universal. Universal has expertise in air movement applications, diesel engines and gas turbine engine systems. In addition to an expansive portfolio of standard products, Universal is also recognized around the globe for its customized systems for noise control, emission and air filtration technologies.

Single source system supply from Universal means valuable advantages for any project, including system optimization, incorporation of latest technologies and consolidation of multiple vendors. For our customers, this leads to reduced risks and complexity, shorter lead times and lower costs. Universal takes total system responsibility for all aspects of a project, including acoustics, emissions, back pressure, temperature, structural integrity and system fit-up.

With over 500 years of combined engineering and design experience, Universal is the best choice to handle any noise control, emission or filtration challenge—from the most basic to the most complex.



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