

Petersen's New Vortex Carpet Cleaning Truck Uses "Good Neighbor" Silencing

Petersen Incorporated, an international engineering and design management firm, has collaborated with Universal Silencer on a silencing unit especially tuned to the primary frequency of the vacuum blower on the new Vortex carpet cleaning truck. As a result of their efforts, tests showed an audible difference over conventional truck designs.

The silencing unit developed by Universal Silencer especially for Petersen Incorporated is a combination reactive/absorptive silencer that reflects and absorbs noise. The silencer acts like a muffler for the vacuum blower, with the addition of a special type of continuous-fiber acoustic fill for high-performance silencing. Petersen Incorporated and Universal Silencer came up with a unique design that not only reduced broadband noise, but also was compact and rugged enough to fit comfortably under the truck.

Petersen Incorporated, based in Ogden, Utah, near Salt Lake City, prides itself on superior workmanship and a positive, can-do attitude.



Petersen Incorporated and Universal Silencer joined forces to quiet the vacuum blower on the Vortex truck.

For detailed specifications and in-depth information about the Petersen Inc. design or other Petersen products for piping or aerospace applications, call 800-410-6789, fax an inquiry to 801-732-2098, or e-mail info@petersen-inc.com. More information about Petersen Incorporated is available at <http://www.petersen-inc.com>.



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The new Vortex carpet cleaning truck from Petersen Incorporated represents the high-quality design and fabrication for which Petersen and Universal Silencer are known. More information is available at www.vortexsystem.com.

For information about creative solutions to noise problems, call Universal Silencer and ask for Industrial Sales. Universal Silencer, a Fleetguard/Nelson company, has been providing acoustic silencing and filtration solutions for over 40 years. Universal Silencer supports a fully equipped Product Development Center for exploring new materials and methods of manufacture, and for qualifying the performance of filters and silencers. Universal Silencer manufactures air filters and silencers for blowers, industrial fans, gas turbines, vacuum pumps, valves, locomotives, and engines. Universal Silencer is an ISO 9001 registered firm and is ASME Code certified.

**Keeping
industrial equipment
clean and quiet.**



UNIVERSAL SILENCER

A FLEETGUARD/NELSON COMPANY

Noise Control and Air Filtration

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