

INDUSTRIAL SILENCERS

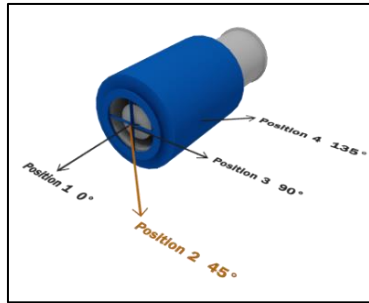
Industrial Products

Product Description

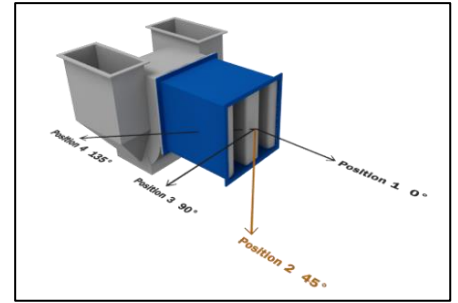
VAW Systems Industrial Silencers are available for intake and discharge air systems. They are suitable for virtually any centrifugal or axial fan, and are available in various configurations to meet your system requirements and space constraints. VAW's energy efficient Industrial Silencers may be installed within airstream temperatures from -40 to 350 deg.F. Many surface finish options and factory installed accessories provide the industry's best in class, compact and adaptable noise control solutions.

Standard VAW Industrial Silencers include:

- Rectangular Inlet Box (VRIB)
- Rectangular Horizontal Box (VRHB)
- Rectangular Side Inlet Box (VRSB)
- Elbow Inlet Box (VEIB)
- Circular Inlet (VCIBi)
- Rectangular Discharge (VRDS)
- Circular Discharge (VCIBd)



VCIBi mounted to an Axial Fan



VRDS mounted to a Centrifugal Fan

Applications

- Fan noise control (flange mount)
- General plant ventilation
- Induced draft fans
- Baghouse filtration systems

Standard Features

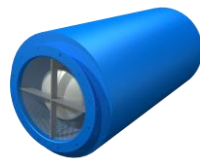
- Designed to be either directly mounted to a fan inlet/discharge, or within a ducted/room ventilation system
- Aerodynamically shaped baffles and center pods for optimum attenuation and minimum pressure drop
- Casing materials and structural design suitable for virtually any airstream composition and system pressure

Accessories

- Horizontal and vertical rain hoods
- Horizontal and vertical filter houses
- Transitions and evases (integral or stand-alone)
- Airflow probes (w/ min pressure readings)
- Access doors and sampling ports



VRDS



VCIB



VRSB



VRIB



VRHB

Certified Performance Data

For over 40 years, VAW has been testing, designing, and fabricating noise control products for the HVAC and fan industry in North America with a unique program driven by our experienced acoustic engineers. Our performance data are based on extensive testing:

- Product validation and applied research within our Noise Control Applications Laboratory
- Third party testing at NVLAP® accredited facilities
- Field verification tests

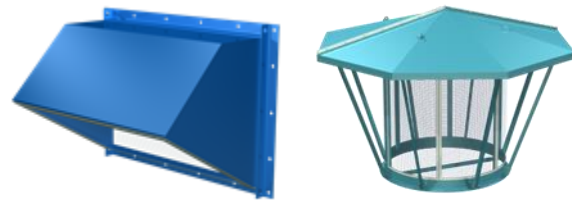
Refer to our Certified Performance Data Sheets and our Selection Software for a complete set of product ratings.



VAW Systems Noise Control Applications Laboratory

Construction Options

- Heavy Casings: up to 3/8 in. steel plate
- Casing Materials: galvanized steel, stainless (304 & 316), satin coat, aluminum, HRS with paint system
- Various flange configurations and materials
- Custom configurations for space and weight restrictions
- Support brackets and legs
- Wire mesh/bird screen protection
- API 560 and 673 construction standards
- Industrial paint systems and coatings:
 - Rust inhibitive prime painted exterior
 - High temperature paints
- Anti-corrosive coatings
- Protective films for media fill
- Special shipping splits
- Removable baffles, center pods and side panels



Add a weather hood to any of these systems. Select from a variety of hoods for weather protection on any installation in the horizontal or vertical plane. Hoods may include built-in rain louvers or acoustic louvers, if required.

Selection Software and Services

Contact VAW for free application engineering and Contact us for Application Engineering and Product Selection Support.

Choose FANSIL® Acoustic Analysis and Selection Software:

- Most advanced acoustic algorithms in the noise control market
- Modern, user friendly interface
- Drag'n'Drop icon based analysis grid
- Wide variety of noise control product selections

Software inquiries: fansil@vawsystems.com

