TURBINE INTAKE SILENCERS

Turbine Products

Product Description
VAW Systems Intake Silencers are designed to meet strict standards related to FOD (Foreign Object Debris) to protect your turbine engines from damage. Intake Silencer splitters are specifically designed to minimize pressure loss while maintaining the guaranteed acoustic performance. Intake silencer systems may include rectangular and elbow configurations, with integrated low pressure dro rain hood options.

Applications
- Gas Turbines
- Generators
- Compressors

Accessories
- Inlet Filter Houses
- Ventilation Silencers
- Transitions and evases (integral or stand-alone)
- Expansion Joints
- Structural Support

Standard Features
- Designed to be either directly mounted to a turbine inlet or stand-alone with support structure
- 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

Horizontal Inlet Silencer and Filter Housing
Certified Performance Data
For over 40 years, VAW has been testing, designing, and fabricating noise control products in North America with a unique program driven by our experienced acoustic engineers. Our performance data is 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.

Construction Options
- Heavy Casings: up to 1/2 in. steel plate
- Internal Materials: Galv, 304 or 316 stainless
- Custom configurations for space and weight restrictions
- Industrial paint systems and coatings:
  - Marine grade painted exterior
  - High temperature paints
  - Anti-corrosive coatings
- Erosion Protective mesh for media fill
- Special shipping splits
- Access doors
- Independent support structure
- Support Brackets
- Special shipping splits