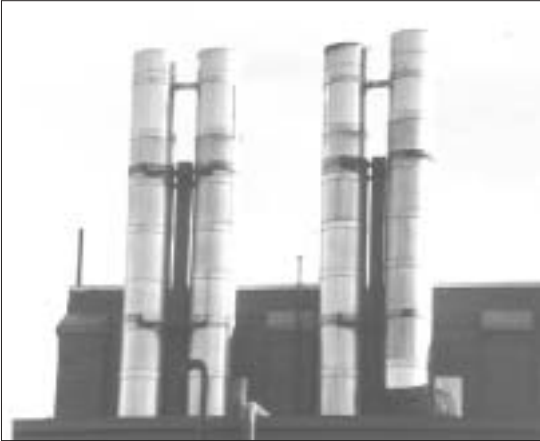




SILENCERS FOR STACK VENTILATION APPLICATIONS

Vibro-Acoustics Stack Silencers offer an optimal aero-acoustic solution for the most challenging industrial stack applications. Through our integrated design and manufacturing techniques, we are also able to manufacture each silencer to meet the unique mechanical demands of a vast array of application issues, such as:

- High velocity
- Elevated temperature
- Particulate matter
- Integrated structural component



Extensive range of Stack Silencer products available, include:

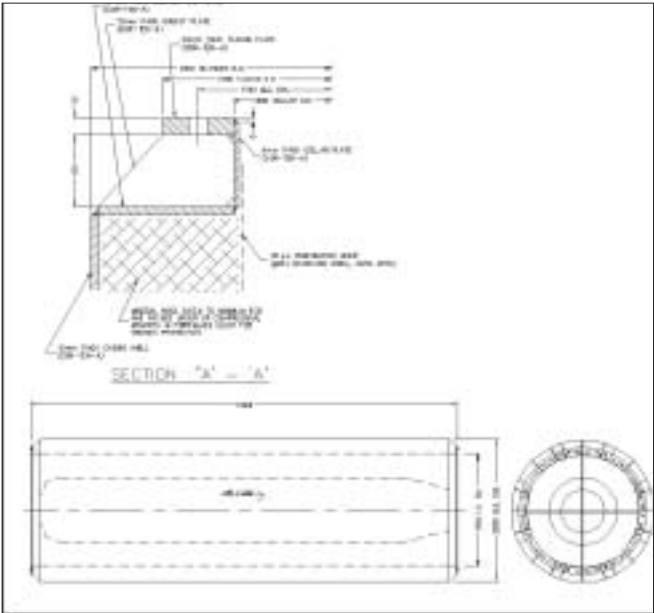
- Dissipative with special media protection
- Tuned, no-media
- Plug resistant
- In-field cleanable



As an economical acoustic retrofit on existing stack systems, silencers may be effectively inserted into the system using rectangular splitter modules or centerbody pods.



Large Stack Silencer Insert Designed for Top-Mounting



Structural Stack Silencer System

STACK SILENCERS



SILENCERS FOR STACK VENTILATION APPLICATIONS

The internal design of a Vibro-Acoustics Stack Silencer is based on the RD-D model for a rectangular cross-section installation and the CD-D model for a circular cross-section installation.

Complete stack applications may include Vibro-Acoustics structural bases and vibration isolation (see Section 1.3) integrated into the design.

STANDARD FEATURES

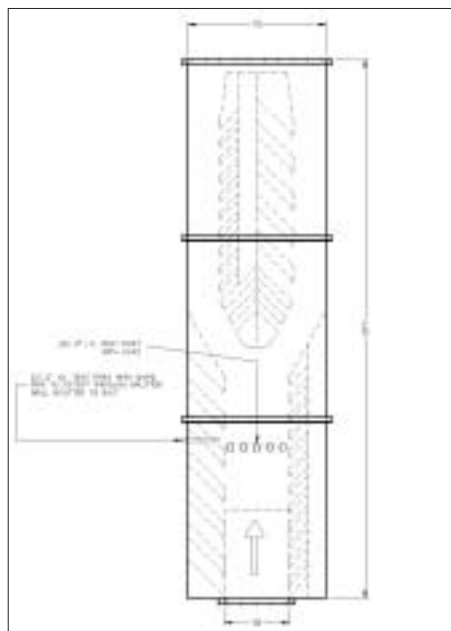
- HRS Casing with External Prime Painting and Continuously Welded Seams
- External Gauges Compatible with Fan Construction and Stack System Requirements
- Heavy Gauge Flange Connection for either Round or Rectangular Fan Inlet
- Inlet and Outlet Flanges with Customer Specified Hole Pattern
- 16ga. Galvanized Perforated Internal Liner
- Internal Stiffeners
- Acoustic Grade Fibrous Media Fill under Minimum 15% Compression with Fiberglass Cloth Protection (unless no-media type)

ACCESSORIES

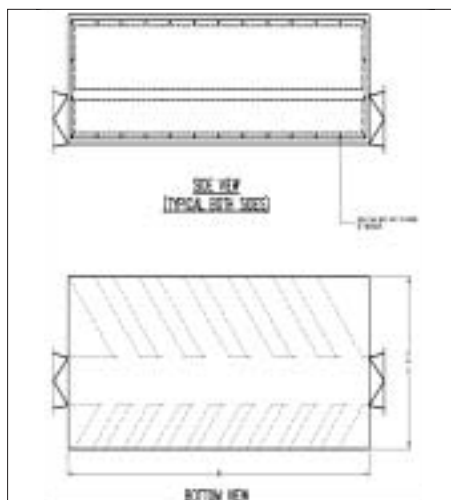
- Rain Hood
- Duct Transition or Spool Piece
- Flow Measurement Probe(s)

OPTIONS

- Special Painting Systems
- Corrosive Resistant Coating
- Access Panels
- Drainage Connections
- Support Brackets
- All Galvanized or Stainless Steel Construction Materials
- Custom Designs and Configurations for Special Space and Performance Requirements



Special Plug-Resistant Stack Silencer



Cleanable Silencer (with access panel)