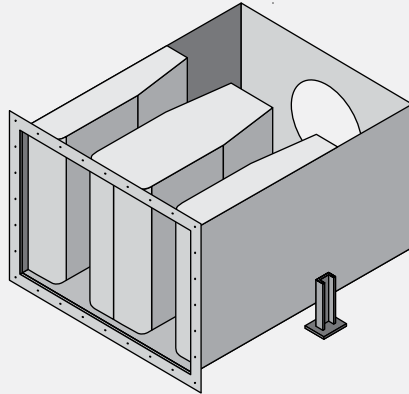


SILENCER SHEETS

INDUSTRIAL NOISE CONTROL

RD-HB

Rectangular
Dissipative
Horizontal Box
Axial Fan Inlet
Silencer



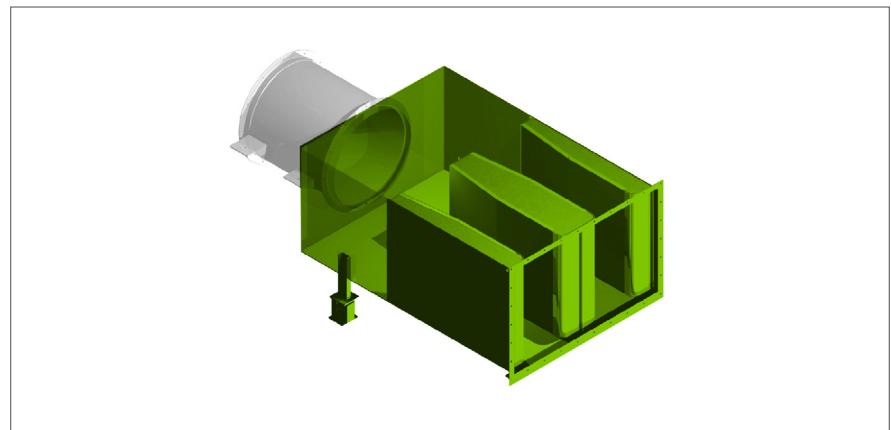
Description

THE VIBRO-ACOUSTICS RD-HB

is a 2-stage silencer system that offers significantly higher broad-band attenuation for axial fan inlets, as compared with round casing silencers. The silencer is designed with aerodynamic rectangular baffles, followed by a plenum space which diffuses the airflow immediately upstream from the fan. The continuous inlet flanges ensure low generated noise levels. The RD-HB is typically bolted directly to the fan's flange, which eliminates problematic noise flanking caused by flexible connections.

Standard Features

- > HRS casing with external prime painting and continuously welded seams
- > External gauges compatible with fan construction
- > Inlet and outlet flanges with customer specified hole pattern
- > 16 ga. galvanized perforated internal liner



- > Internal stiffeners
- > Acoustic grade fiberglass media fill under minimum 15% compression with fiberglass cloth protection
- > 1 in. x 1 in. x 16 ga. galvanized birdscreen inlet protection
- > Support legs to suit fan inlet centerline height

Accessories

- > Rain hoods
- > Inlet filter housings
- > Duct transitions or spool pieces
- > Bolt and gasket kits
- > Flow measurement probes

Options

- > Special painting systems
- > Corrosive resistant coatings
- > Support brackets
- > Access panel
- > Drainage connections
- > Removable birdscreen
- > All galvanized or stainless steel construction materials
- > Custom designs and configurations for special space and performance requirements
- > May be modified for axial fan discharge applications