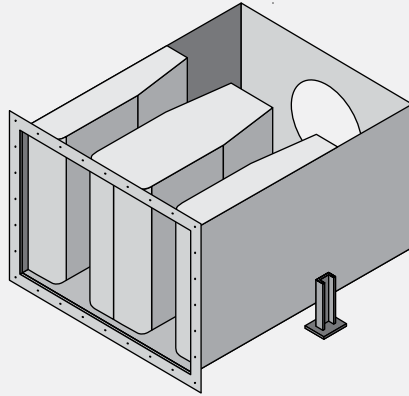


SILENCER SHEETS

RD-HB

Rectangular
Dissipative
Horizontal Box
Centrifugal Fan Inlet
Silencer

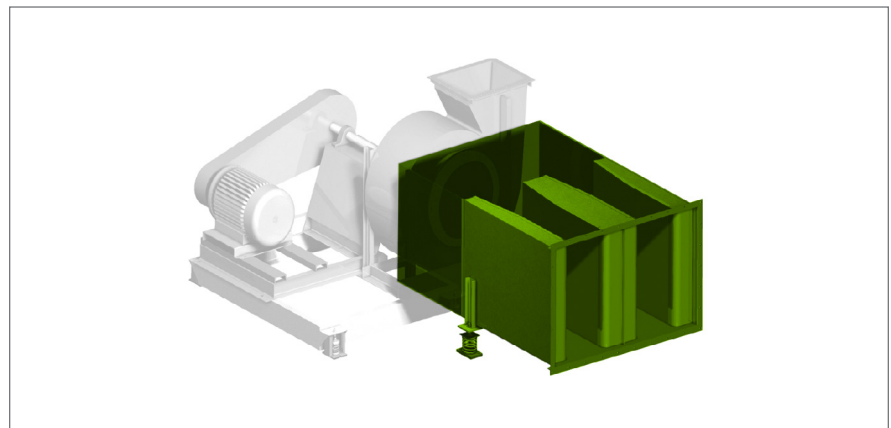


Description

THE VIBRO-ACOUSTICS RD-HB is a 2-stage silencer system using aerodynamically designed rectangular baffles for optimal attenuation, followed by a plenum space for air diffusion 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. The silencer should therefore be isolated in the same manner as the fan system.

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
- > Connection to either round or rectangular fan inlet
- > Internal stiffeners



- > 16 ga. galvanized perforated internal liner
- > Acoustic grade fibrous 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 match 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