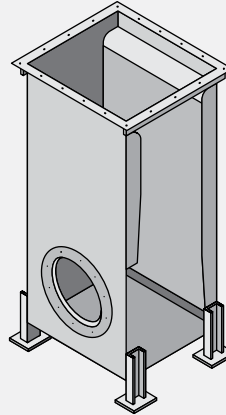


SILENCER SHEETS

INDUSTRIAL NOISE CONTROL

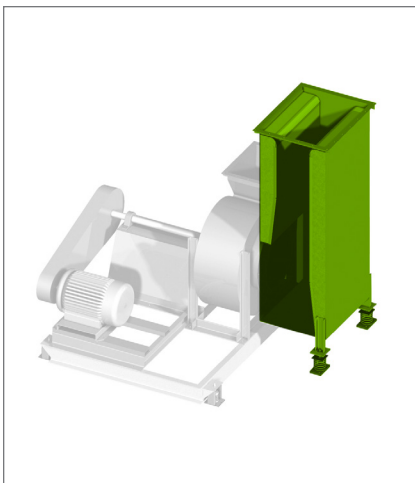
RD-SB

Rectangular
Dissipative Side Box
Centrifugal Fan
Inlet Silencer



Description

THE VIBRO-ACOUSTICS RD-SB is a 2-stage silencer system using aerodynamically designed rectangular baffles for optimal attenuation, followed by an acoustically lined plenum providing air diffusion immediately upstream from the fan. The RD-SB is typically bolted directly to the fan's flange, which eliminates problematic noise flanking caused by flexible connections. The silencer should 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
- > 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
- > Combined Inlet Silencer and Acoustically Lined Inlet
- > Plenum
- > Connection to either Round or Rectangular Fan Inlet

Accessories

- > Rain hoods
- > Inlet filter housings
- > Additional duct transitions or offset pieces
- > Bolt and gasket kits
- > Flow measurement probes

Options

- > Special painting systems
- > Corrosive resistant coatings
- > Support brackets
- > Access panel
- > Drainage connection
- > Removable birdscreen
- > All galvanized or stainless steel construction materials
- > Custom designs and configurations for special space and performance requirements