

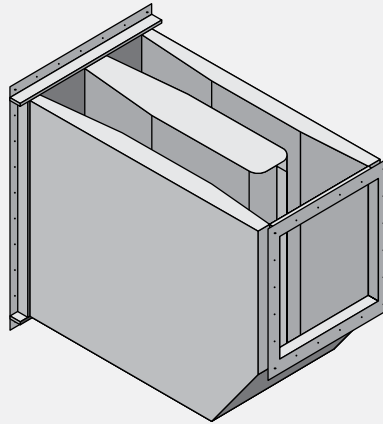
SILENCER SHEETS

INDUSTRIAL NOISE CONTROL

VIBRO-ACOUSTICS®
A Swegon Group company

RD-D

Rectangular
Dissipative Discharge
Centrifugal
Fan Silencer



Description

THE VIBRO-ACOUSTICS RD-D IS designed to fit a fan's discharge without the use of a transition duct. The silencer decelerates the air using its own transitional casing design, which is based on the magnitude of the fan discharge velocity. The relatively low air velocity at the RD-D outlet ensures both low generated noise levels and reduced pressure losses due to the sudden dynamic pressure change (dump loss). Internal transition angles are kept to a minimum, while the aerodynamically designed rectangular baffles offer optimal broad-band attenuation.

Standard Features

- > HRS casing with external prime painting and continuously welded seams
- > Transitional casing
- > 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 protection

Accessories

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

Options

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

