CD-I/CD-D
Circular Dissipative Inlet/Discharge Axial Fan Silencer

Description

THE VIBRO-ACOUSTICS CD-D silencer is designed to minimize the discharge velocity, and the associated pressure losses (dump loss), while providing optimal attenuation using an aerodynamically designed centerbody. For fan inlet installations, the CD-I centerbody design with a smooth inlet and static regain discharge, will minimize the adverse aero-acoustic system effects associated with fan, silencer, and duct fitting interactions.

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
> Centerbody designed to reduce fan system effects
> Internal stiffeners

> Acoustic grade fibrous media fill under minimum 15%
> Compression with fiberglass cloth protection
> 1 in. x 1 in. x 16 ga. galvanized birdscreen protection

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 legs
> Access panel
> Drainage connection
> Removable birdscreen
> All galvanized or stainless steel construction materials
> Custom designs and configurations for special space and performance requirements