

SOUND ATTENUATOR

Sound attenuators are used to minimise noise in air distribution system. Rectangular attenuators provides optimized acoustic performance for application where high levels of noise reduction are required. These attenuators are suitable for most applications incorporating sound attenuation and airflow.

TYPES OF ATTENUATORS

RECTANGULAR SOUND ATTENUATOR

CIRCULAR SOUND ATTENUATOR

CROSS TALK ATTENUATOR

RECTANGULAR SOUND ATTENUATOR



Construction:

- Outer Casing made of 20g Galvanised Steel Sheet.
- Attenuating Splitters made of 22g GSS frame and filled in with Layers of Protective Tissue over Highly absorptive Mineral wool Insulation enclosed in Aluminium / GI Perforated Sheet.
- Casing with special design TDF, Square slot corners (same as Duct flange), for better alignment with duct and low air leakage.
- Splitters have conical end at both the ends to minimise air pressure drop.

Features

- Casing with special designed TDF, Square slot corners (same as Duct flange), for better alignment with duct and low air leakage.
- Splitters with Conical Ends for minimum pressure drop.
- Available with various configuration of air way gap.
- Computerised software selection ensures Optimised Pressure Drop and Noise reduction performance with proper selection of Air way gaps.
- Available in any cross sectional size

NOMENCLATURE

W = Width 300 - 3000mm

H = Height 250 - 1500mm

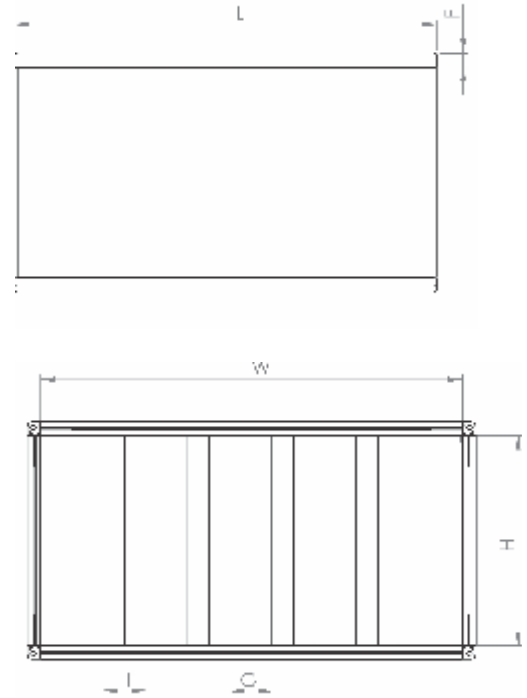
L = Length 515mm / 1125mm / as per customer requirement

F = TDF width 32mm

T = Splitter thickness as per software selection

G = Airway Gap as per software selection

Dimensional Data



Dimensional Data

NOMENCLATURE

L - 300mm to 1200mm with multiples of 50mm.

D - 300mm to 1500mm.

A - 100mm.

Circular Attenuators

- Outer Casing made of 20g Galvanised Steel Sheet.
- Inner casing with 24g perforated galvanised steel sheet.
- Casing is made with pitsburg joint and connection spigots.
- Attenuation lining made with Layers of Protective Tissue over Highly absorptive Mineral wool Insulation.

Features

- Minimum pressure drop at optimised noise level.
- Suitable for low velocity duct system to high velocity duct system.
- Silencer ends with Circular Flanges for easy connectivity with the system.
- Fabricated in modules to make the overall silencer bank.
- Available with any cross section.
- Available in various attenuating material thickness (50mm, 75mm & 100mm).