



Description

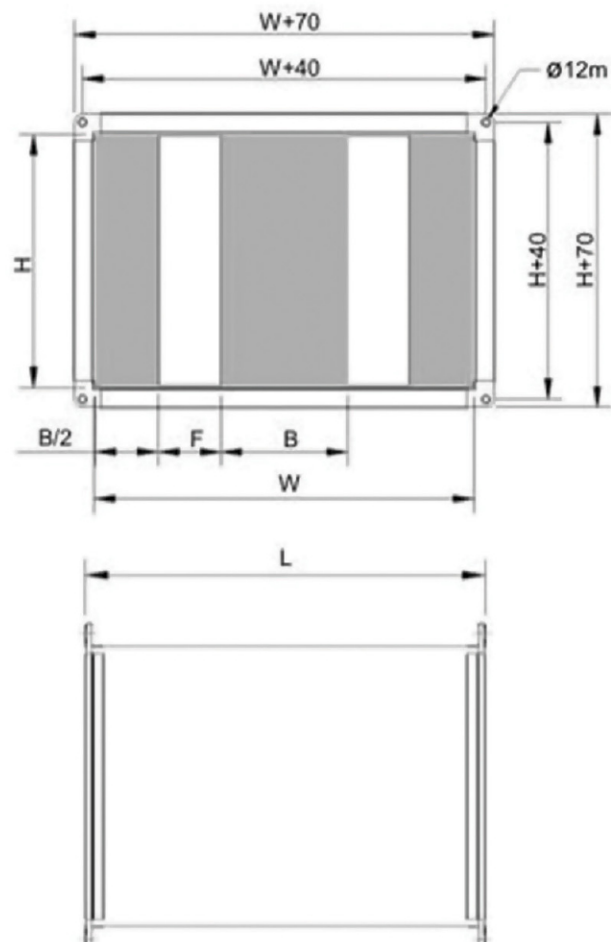
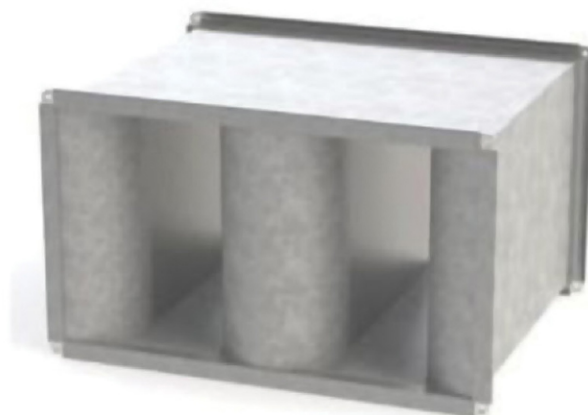
Sound attenuators are used to reduce fan and machine noise to meet the required noise levels, can be straight RSAR (Rectangular), or bend shapes RSABV (Vertical), and RSABH (Horizontal).

Special Features

- Splitters are fitted with an acoustic absorbing material has a glass tissue facing, non-flammable, non-hygroscopic, not sustain vermin or fungus, rot proof and odorless.
- Diffusion angle to improve pressure drop.
- Bullnose Baffles to help minimize turbulence and to minimize air pressure loss and regenerated noise.
- 20 gauge galvanized steel for casing.
- 22 gauge perforated galvanized for splitters.
- End connection of Duct Mate Flange or M.S steel angle secured to casing end.
- Components are also available in stainless steel or aluminum construction.
- attenuators are normally supplied in sections when any dimensions are exceeded.

DIMENSIONAL DETAILS

Sound Attenuator Rectangular RSAR





Splitters



Splitters are fitted with an acoustic absorbing material and tested to the following tests

1. Acoustic performance	ASTM C 1071 - ASTM C432-77
2. Fire resistant	NFPA 90A
3. Surface burning characteristics	UL 723-ASTM E84
4. Moisture absorption	ASTM D-07 B-ASTM C550
5. Mold growth	ASTM D2020-UL 181

Both splitters' sides are from perforated sheet to protect and prevent fiber erosion up to 40 m/s airway velocity.

