Silencers

LDC

The LDC is a circular silencer designed to be mounted directly in axial fans or in a duct. The LDC is produced with a central core for additional sound attenuation.



Standard sizes
400 – 1.600 mm

Summary

Design

The silencer is a simple but effective design working as a sound attenuator.
The LDC is a silencer with core and is most suitable for larger diameters (e.g. engine room fans).

The LD can be made in custom lengths.

Execution

The silencer is normally manufactured in mild steel, hot dip galvanized with 100mm insulation with perforated stainless-steel plate inside.

It can also be delivered in either stainless steel (AISI316L) or aluminium (with stainless steel perforated plate inside)

Cusomizations

- With external flanges for bolt connection
- Diffusor shape (e.g. for fan outlet)
- With integrated shut-off damper
- Thick casing (e.g. for open deck mounting)
- Additionally strengthened (for high vertical load)
- Aerodynamically shaped core for high air speeds and low pressure drops

Accessories

- External loose inlet cone
- Wire mesh
- Counter flange

Gallery

