

Rectangular silencer baffles

K-SLC/K-SRC/K-SPC



Description

The K-SLC / K-SRC / K-SPC baffles are intended for installation inside square ducts when fabricating a ducted silencer. When installed according to the arrangement of the SLC silencer, the baffles provide the same sound insulation performance. The baffles can be installed during the assembly of the main ventilation ducts or after the installation of the whole ductwork by removing the relevant ductwork sections. The baffles are installed by inserting, aligning and fastening them with WGO self-drilling screws.

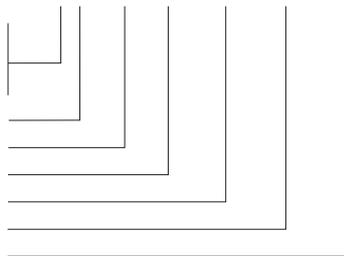
Available materials - Product code examples

- K-SL... - sound-absorbing baffle
- K-SR... - sound-absorbing resonator baffle
- K-SP... - perforated sound-absorbing resonator baffle
- C - galvanized steel sheet
- A - aluminium sheet
- K - 1.4301 stainless steel sheet
- M - 1.4404 stainless steel sheet
- CO - copper sheet
- P - half-baffle; asymmetric breast profile
- G - baffle with type G9 washable lining
- 100 - full baffle width

Product code example:

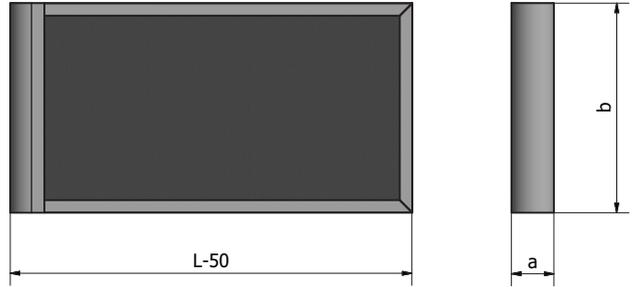
Product code: K-SLC - P - - 100 - 600 - 500

- Type L baffle
- Type R baffle
- Type P baffle
- Material
- Half-baffle
- G9-lined baffle
- Full baffle width
- height
- length



Baffle types

K-SLC



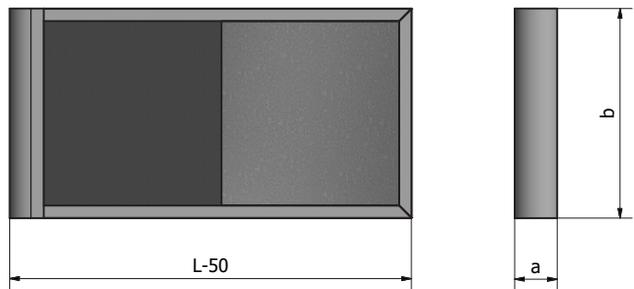
The solid sound-absorbing baffle is made of mineral wool with type N3 lining. The entire baffle is open, except for the galvanized steel frame.

Sound-insulating baffles available on request:

- with washable lining
- with aluminium, stainless steel (various grades) or copper frames
- other sound insulator densities, from 40 to 100 kg/m³ — manufacturable with possible deviations of the sound insulation performance.

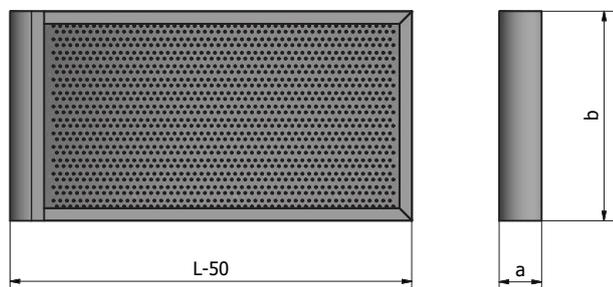
The silencer sides are always lined with the K-SLC half-baffle with only a part of it lined with glass fibre, and the rounded breast ends at the side wall.

K-SRC



The sound-proofing resonator baffle has one half of the length clad in steel sheet on both sides. See the K-SLC specifications for the sound insulator density, materials and half-baffles. The baffle is installed inside the duct with self-drilling screws or rivets; as a result, a ducted silencer can be fabricated.

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K-SLC/K-SRC/K-SPC**Baffle types****K-SPC**

The perforated sound-proofing resonator baffle is clad in perforated sheet on both sides (and one side only for half-baffles). The open surface area ratio of the perforation is 36%. All the other structural parts are identical to the K-SLC and form a silencer when installed in a square duct.

Important! Half-baffles, e.g. K-SLC-P, is $\frac{1}{2}$ wide as the standard baffle and intended for installation at the ducted silencer side wall:

The K-SLC-P-100 is 50 mm wide.

The K-SLC-P-200 is 100 mm wide.

K-SLC-P