



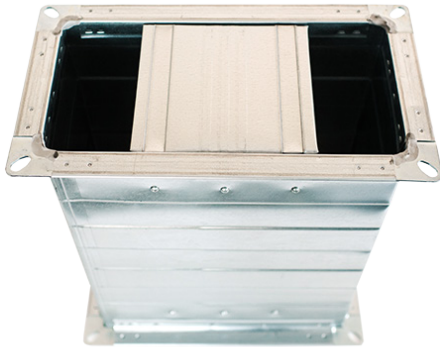
Documentation

Sound attenuator

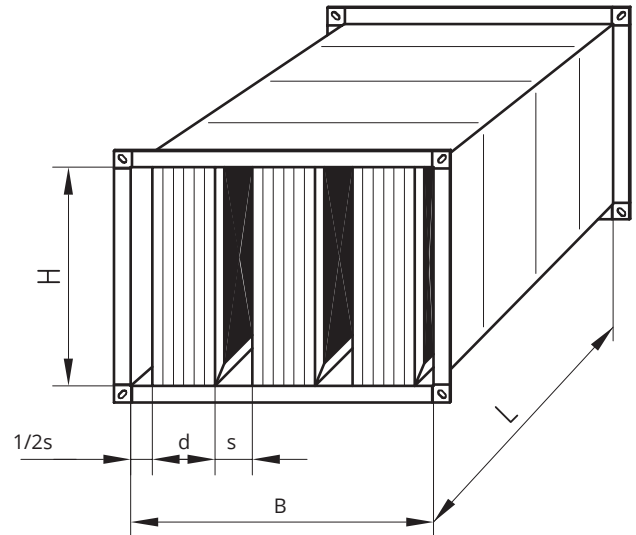
Rectangular Attenuator
WKSD-EMB

We care about healthy air
The optimal climate for Utility

Rectangular Attenuator WKSD-EMB



Technical drawings



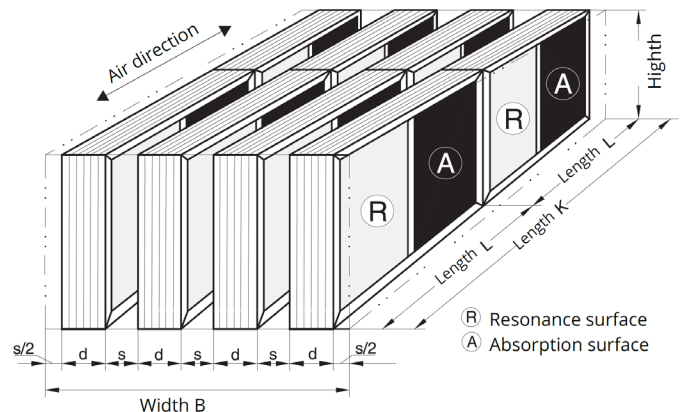
The WKSD-EMB rectangular silencers are manufactured from galvanized sheet steel reinforced with ribs and equipped with removable flange profiles. The integrated silencers are filled with mineral wool and finished with a glass face. The rounded edges provide a favorable flow profile and therefore little noise.

Characteristics

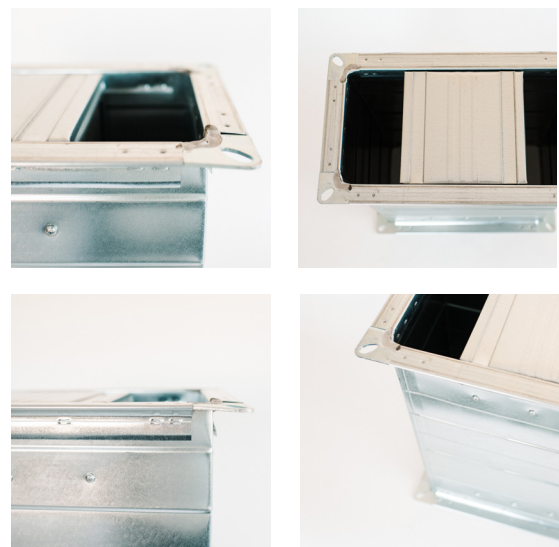
- Finish: galvanized steel sheet
- Other colors available on request
- Air tightness class Luka C
- Damping material mineral wool
- customized selections
- Splitter thickness from 100 - 400 mm, in increments of 10 mm
- Splitters also available separately
- Flange connections optionally 20, 30, 40 mm (standard 30 mm, SBM30)
- Permissible pressure +1000 Pa / -630 Pa
- Maximum air speed 20 m/s
- Maximum temperature 100°C

Dimensions

- Width, 200 - 3000 mm
- Height, 150 - 2000 mm
- Length, 500 - 2000 mm
- *Larger dimension in sections
- Air volume [m³/h] 8000
- Air velocity [m/s] 6,17
- Δp [Pa] 16



Detailed pictures



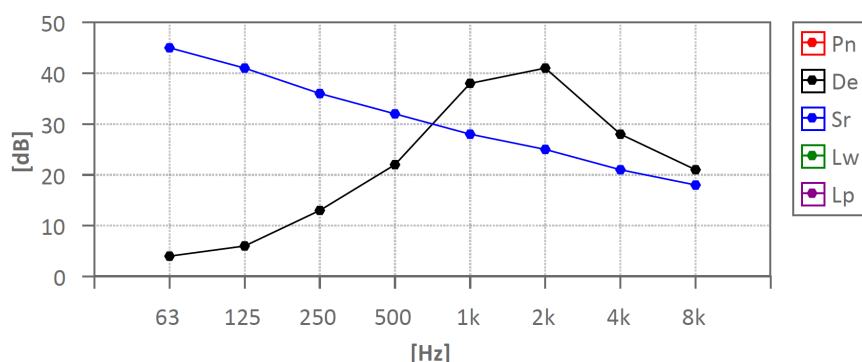
Selection example

WKSD-EMB 100 75 8 1400x600x1000

Type	Air curtain thickness	Spacing	Number of wings	Dimension wxhxl

WKSD-EMB		Table	Sound values per frequency								Som
Air Volume [m3/h]	8000		63	125	250	500	1000	2000	4000	8000	dB(A)
Air velocity [m/s]	6,17	DE	4	6	13	22	38	41	28	21	
Δp [Pa]	16	SR	45	41	36	32	28	25	21	1	38

Number of wings	8
Air curtain thickness [mm]	100
Apron spacing [mm]	75
Height [mm]	600
Length [mm]	1000
Type	WKSD-EMB-100-75-8
Finishing	Galvanized
Frame	Galvanized



Dimensions	
Width [mm]	1400
Height [mm]	600
Length [mm]	1000
Frame type	SB 30
Material	Steel
Weight [kg]	77

Pn = Sound source
De = Damping value
Sr = Sound production in the duct
Lw = Sound power level dB
Lp = Sound pressure dB



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