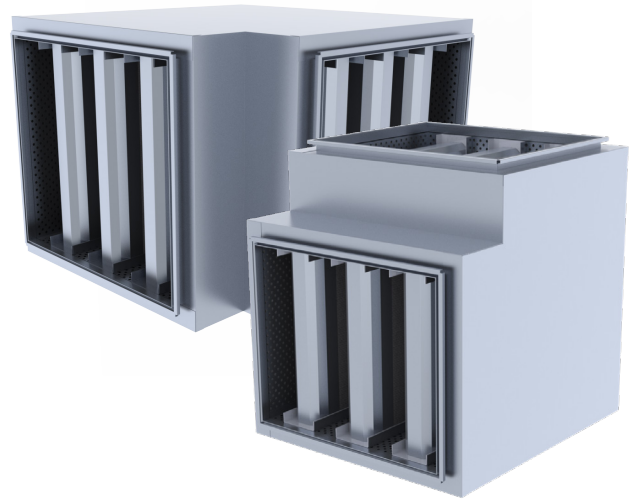


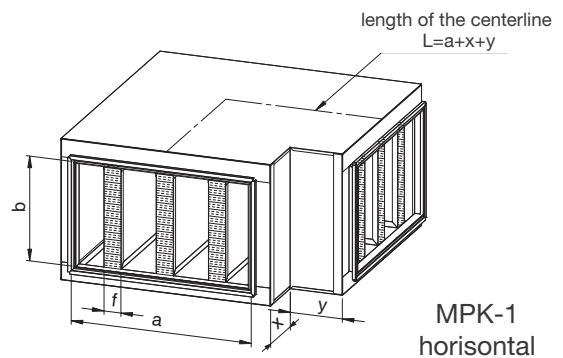
**MPK/MPP Rectangular bend-silencer**

PK-rectangular bend silencer is designed for noise reduction in rectangular ventilation systems. There are two different types of MPK silencers – vertical and horizontal. The outer shell can be without insulation or insulated.



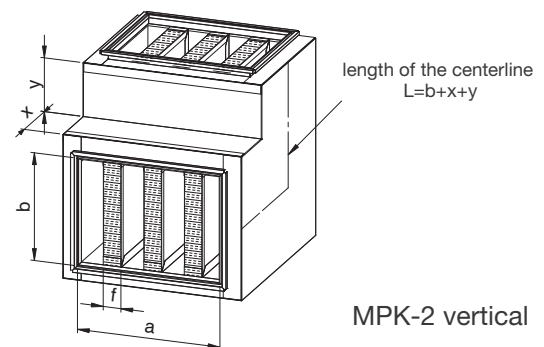
**Design**

MPK silencer consists of an outer shell and absorption elements manufactured of galvanized steel as standard with z-flange at both ends. MPKI silencers with noise reducing insulation are covered with galvanized sheet metal plate and the internal casing are made of perforated sheet metal plate. Dimensions a and b are for the internal casing. Z-flange are attached to the internal casing at both ends.



**Sound attenuation**

Choose from MSK table suitable silencer, which damping characteristics are sufficient and also calculate the length of the centerline of the silencer using the following formula:  
Horizontal pad:  $L = a + x + y$   
Vertical pad:  $L = b + x + y$



**Product codes**

**MPK - 1 - i - A x B - x-y - f x n**

**Marking**

- MPK – absorption material mineral wool
- MPP – absorption material synthetic sound insulation
- MPKI – insulated, absorption material mineral wool
- MPPI – insulated, absorption material synthetic sound insulation

**Type**

- 1 - horizontal
- 2 - vertical

**Insulation**

- S – thermal insulation: 50, 100 mm
- M – sound insulation: 30, 50, 100 mm
- CL50 – sound insulation "cleanable": 50 mm
- EI – fire insulation: 30, 60, 90, 120 min

**Width A x Height B**

**Depression x-y**

min. 150 mm

**Element width x Quantity**

**Example: MPKI-1 MP50-500x400-150-150-2x100**