AGC-AC

Absorption baffle

Use

The AGC-AC baffles with glass-fleece cover are absorption/sound attenuating baffles for use in air-treatment systems.
The frame of galvanised steel sheet produces high rigidity.
The surfaces of the mineral-wool absorption material are finished with tear-free, scratch-resistant and humidity-proof glass fleece.

Characteristics

Insertion loss, flow noise and pressure loss measured in accordance with DIN 45646 (ISO 7235).
Non-flammable in accordance with DIN 4102.
Maximum air velocity between the baffles: 20 m/s.
Maximum operating temperature: 100 °C.

Version

frame:	sendzimir galvanised steel sheet
lining:	mineral wool with glass-fleece cover

Available types

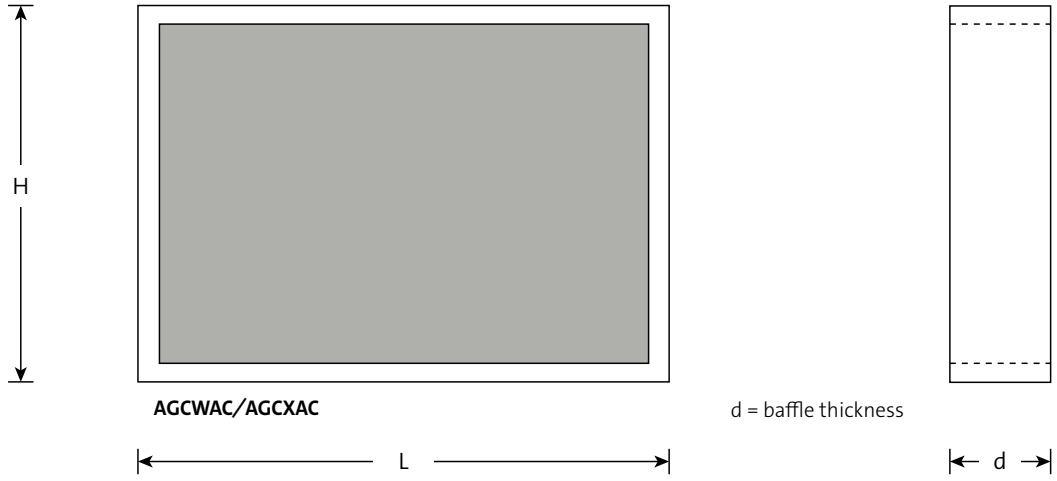
A G C - A C

A accessory
G sound attenuation
C baffle

- **Version**
W baffle thickness 100 mm round corner
X baffle thickness 200 mm round corner

A absorption baffle
C loose baffle

Dimensions



Available dimensions

The nominal height H is available in increments of 50 mm from 150 to 1800 mm.
The length L is only available in 500, 750, 1000, 1250 and 1500 mm. Greater heights and lengths can be obtained by putting various baffles together. Connector covers are available for this purpose.
To achieve the insertion loss with the given spacings, the baffles must be built into suitable housing made of steel sheet or other materials, such as mineral construction materials.

Note

- The dimensions are in mm.
- The actual length is L - 5 in mm.
- The actual height is H - 5 in mm.

SA-Select

Check SA-select to create extended order codes and selection details online. **NB!** At this moment, SA-Select is only available in Dutch. But it is possible to create extended order codes and selection details online.

When you select sound attenuators online, remember the following:

- In sound attenuators, the air supply velocity must be divided evenly over the duct surface. The pressure losses and sound power levels for flow noise apply under this condition. In sound attenuators after bends, branches, fans, the air should be supplied via the conduction blades as much as possible in order to prevent the anticipated differences in air velocity.
- The maximum permitted velocity between the baffles amounts to 20 m/s. Due to the corresponding relatively high pressure loss and flow noise, the air velocities that can be used in practice are generally lower.
- The flow noise of the sound attenuator should be 10 dB less than the sound power of the attenuator less the insertion loss.