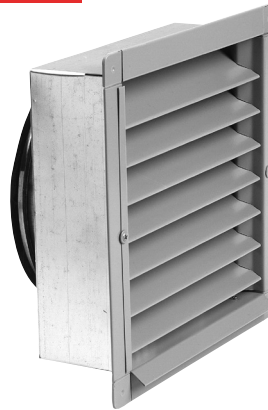


ABC-YG/GL

LOUVRE WITH CIRCULAR CONNECTION
FOR EXHAUST- /OUTDOOR AIR



USE

ABC-YG/GL is an external louvre for outdoor air/exhaust air in sheltered and normally exposed locations. It is connected to circular ducts with diameters of 100–250 mm. Very high water separation efficiency according to EN 13030.

DESIGN

ABC-YG/GL consists of a mounting frame with a removable louvre insert and a small-animal-proof wire mesh. Behind it is a connection box with a circular spigot made of galvanized sheet steel. ABC-YG/GL is usually manufactured in patented pre-coated steel and follows standard building steel colours, but is also available in other materials.

Pre-coated steel in standard colours

Zinc magnesium ZM310

Zinc magnesium ZM120

Aluzinc

Stainless steel

Acid-resistant stainless steel

Titanium zinc

Copper

Aluminium

MAINTENANCE

Check the need for cleaning once per year. Carry-over of aerosols and powder snow or ice formation cannot be ruled out under adverse conditions.

Accessories:

- Insect mesh

EXAMPLE, DESCRIPTIVE TEXT

VVS AMA

QMB.1/QMF.1

External louvre ABC-YG/ GL by

Swegon. Size 250 mm.

Manufactured in patented pre-coated steel.

The sound power level is reduced by the distance from the louvre, according to the following table:

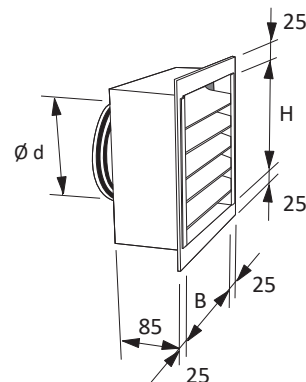
Distance in m	1	2	4	6	8	10
Reduction in sound power level in dB	3	9	15	18	21	24

NOTE: Sound attenuation is calculated using a theoretical formula for the attenuation of sound generated from a plane surface (outdoors).

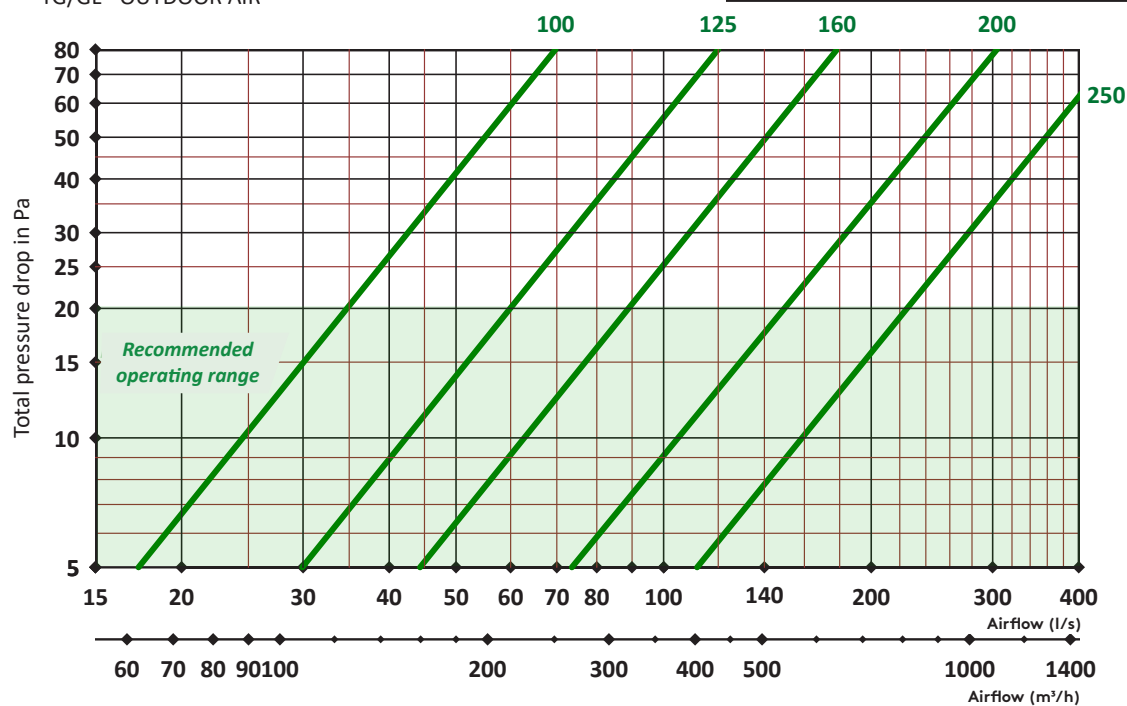
Duct size / Opening size = W × H (Width × Height)
The product dimensions are adapted to fit internally within the specified B × H size.

Measurements

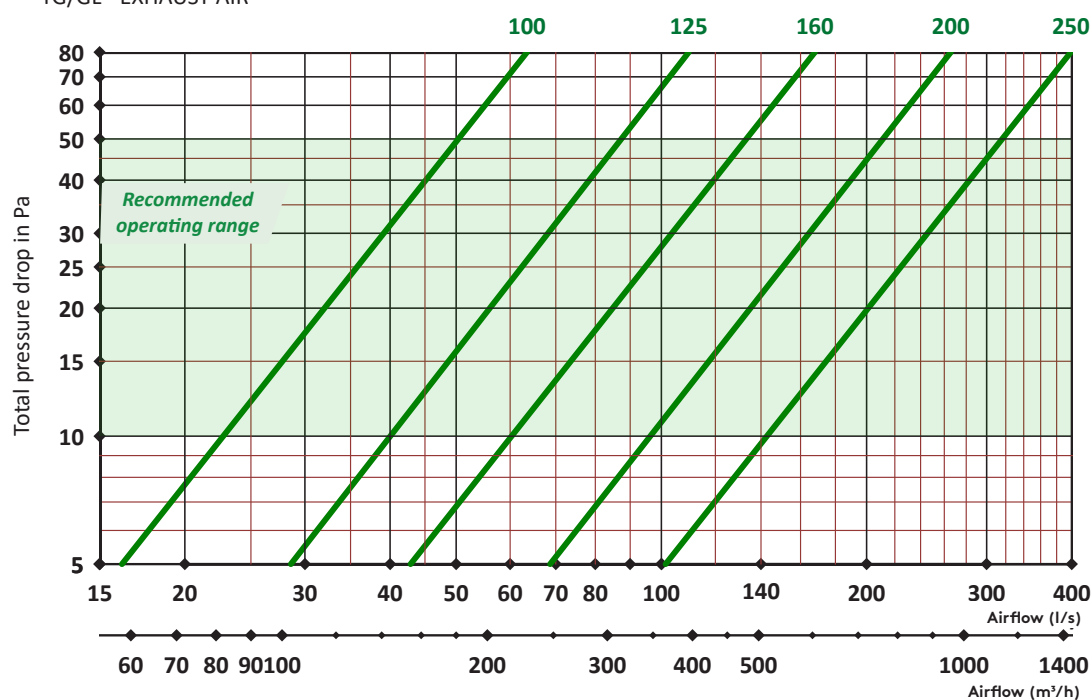
Size ABC-YG/GL	Weight kg	B mm	H mm	Ø d mm
100	1	145	145	100
125	1	195	195	125
160	2	245	245	160
200	3	295	295	200
250	6	395	395	250



YG/GL - OUTDOOR AIR



YG/GL - EXHAUST AIR

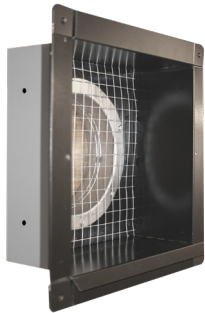


NOTE: High air velocities in the duct will result in high air velocities through the free area.
Under adverse conditions, increased water carry-over cannot therefore be ruled out.

Sound and pressure measurements carried out by RISE

Installation

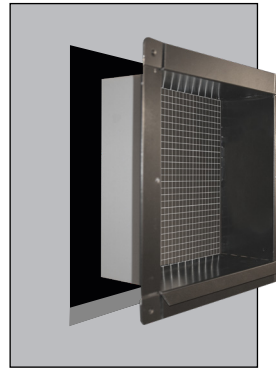
ABC -YG/GL



Mounting frame



Louvre insert

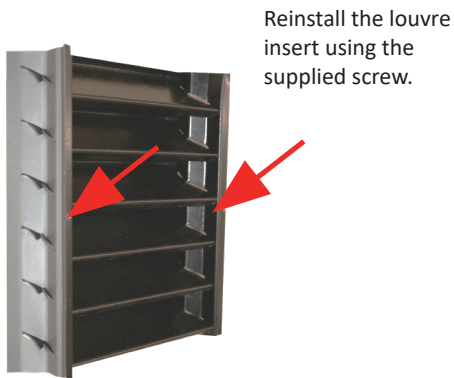


STEP 1:

The louvre consists of a mounting frame with removable louvre insert. Start by loosening the mounting screws that secure the louvre insert to the mounting frame. Lift out the insert so that the frame is empty.

STEP 2:

Make an opening in the wall according to the size of the louvre. Then mount the frame and attach it with the required fastening material and sealing compound depending on the type of facade material.



STEP 3

After the mounting frame is fixed to the wall, attach the louvre insert with the supplied screws.