

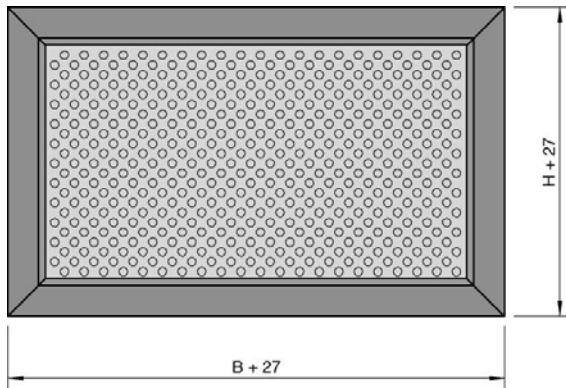
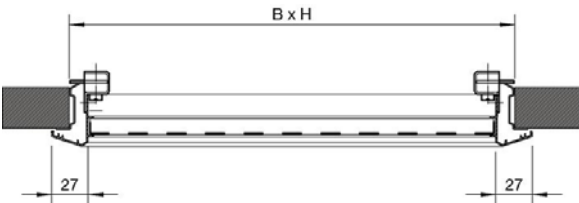
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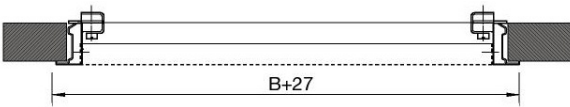
Product Information Grilles GLB · GLBE

PI 1/1/SP/5

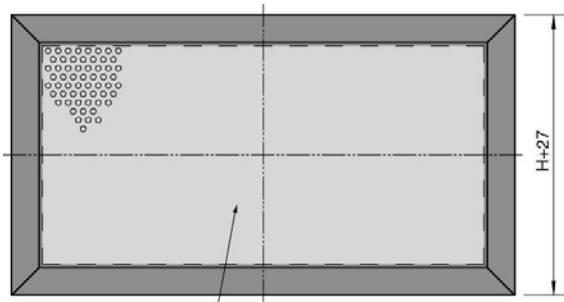
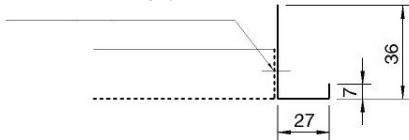
Grilles GLB



Grilles GLBE



Perforated sheet fixed by spot weld



Perforated sheet 43%,
Stainless steel AISI304

Description

Type GLB · GLBE

Return air grilles with perforated sheet and perimetral frame, concealed fixing system or springs/clips on request over a mounting frame.

The GLBE construction can include a filter section as well magnets.

Rear parts

Type ... - A-EF

Optionally types GLB and GLBE are available with filter pad, filter class G4 according to UNE-EN 779.

Materials

Type GLB

Extruded aluminium frame and perforated sheet steel, 43% effective section. The surface is powder coated to RAL 9010 (GE50%)

Type GLBE

Angle frame and perforated stainless steel (AISI 304). Under request, with other stainless steel classification.

Both types are available with other different perforation sections.

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Inlet area sizes in m²

H / B in mm	225	325	425	525	625	725	825	925	1025	1125	1225
125	0,00747	0,0113	0,015	0,0189	0,02268	0,02556	0,03024	0,034	0,0378	0,0414	0,045
225	0,01512	0,02277	0,03051	0,0378	0,04581	0,05346	0,06111	0,0684	0,0765	0,0837	0,09
325	-	0,0342	0,0459	0,05742	0,0689	0,0801	0,09	0,1035	0,1125	0,126	0,1377
425	-	-	-	-	0,09	0,1377	0,1224	0,12213	0,153	0,1692	0,18
525	-	-	-	-	0,1152	0,1341	0,153	0,173	0,1917	0,2115	0,23

Pressure drop

$$\Delta_p = C \times P_d + \Delta_f$$

$$P_d = 1,2 \times v^2 / 1,6$$

Δ_p Pressure drop in Pa

P_d Dynamic pressure

v Velocity in section (L-27) x (H-27)

C Perforated sheet constant factor (43%) = 7,8

Δ_f Filter pressure drop

Order code

