

Overpressure shutter (flush mounting)

GG-A



Specifications

Overpressure shutter with mobile blades.
With noise reduction gasket on each blade.

Used for protection of ventilation openings in buildings.

Material

Aluminium.
EPDM sealing gaskets.

Finish

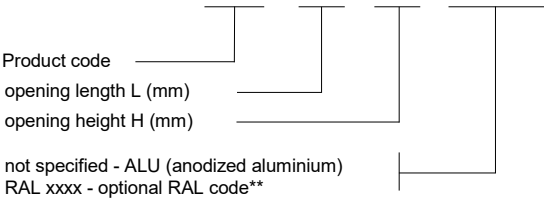
Standard finish: anodized aluminium.

Note: painting** (extra cost) is not recommended.
(leads to blocking of the bearings)

Mounting / Fixing

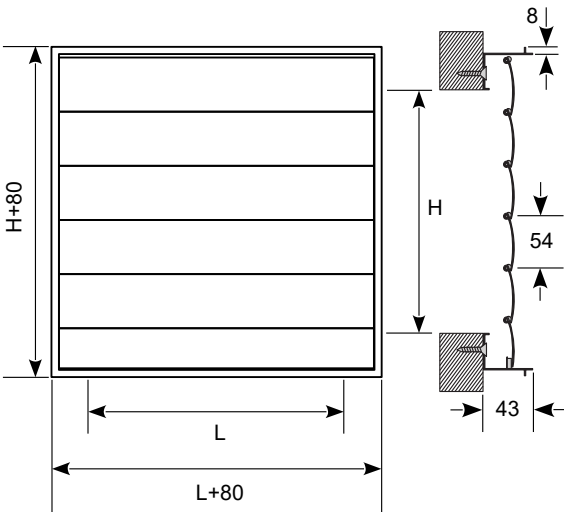
Flush mounting on walls (outside) only in vertical position.
Fixing with screws (hidden behind blades).

Order code: **GG-A** **aaa x bbb**



** exclusively at the request and at the risk of the customer,
without taking into account eventual technical complaints.

Date tehnică



LxH - opening hole size

Standard sizes

L	H	Q (m ³ /h) @ V _{ef} 3 (m/s)
200	200	310
250	250	520
315	315	780
350	350	1050
400	400	1380
450	450	1770
500	500	2200
550	550	2680
600	600	3210

There are no other sizes available.

Important:

Can be used only in systems which have $2\text{m/s} < V_{\text{ef}} < 4\text{m/s}$

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Technical data

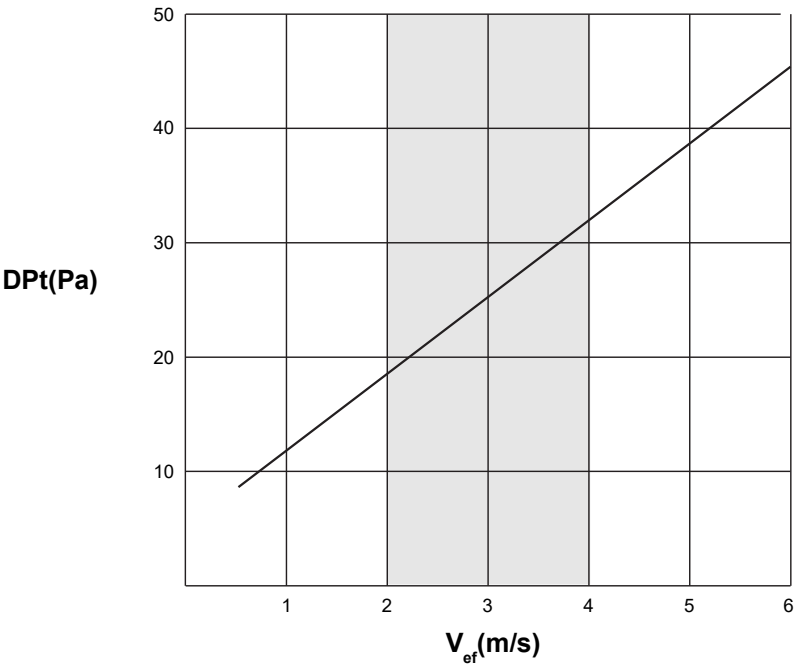
		A _{ef} (m²)									
H (mm)	600	-	-	0,145	0,170	0,195	0,221	0,246	0,272	0,297	
	550	-	-	0,132	0,155	0,178	0,201	0,225	0,248	0,271	
	500	-	0,098	0,119	0,140	0,161	0,182	0,203	0,224	0,245	
	450	-	0,089	0,108	0,127	0,146	0,164	0,183	0,202	0,221	
	400	0,061	0,078	0,095	0,112	0,128	0,145	0,162	0,178	0,195	
	350	0,053	0,068	0,082	0,097	0,111	0,125	0,140	0,154	0,169	
	300	0,046	0,058	0,071	0,083	0,096	0,108	0,121	0,133	0,145	
	250	0,038	0,048	0,058	0,068	0,078	0,089	0,099	0,109	0,119	
	200	0,029	0,037	0,045	0,053	0,061	0,069	0,077	0,085	0,093	
		200	250	300	350	400	450	500	550	600	
L (mm)											

Use limits:
• V_{ef} = 2~4 m/s

Selection formula :

$$• V_{ef} = \frac{Q / 3600}{A_{ef}}$$

$$• A_{ef} = \frac{Q / 3600}{V_{ef}}$$

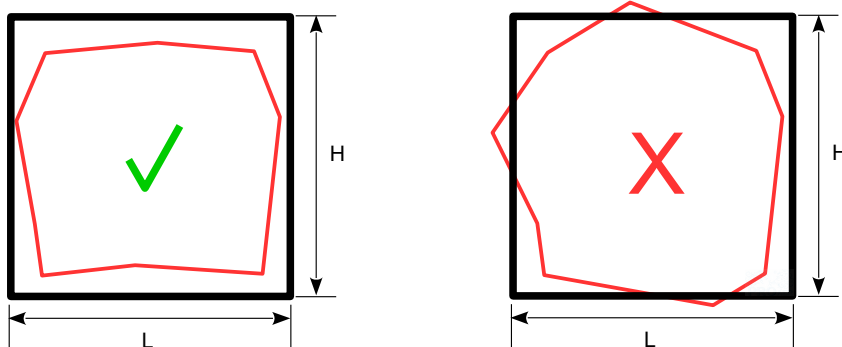


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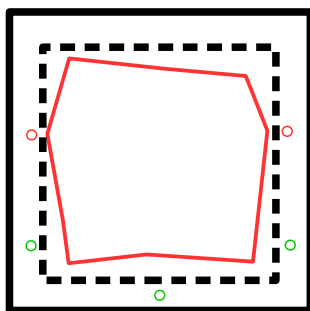
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Mounting / Fixing

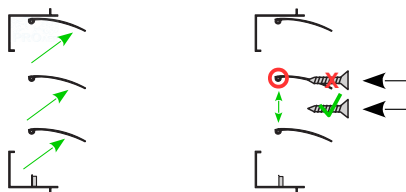
Overpressure shutter GG-A can be mounted on irregular form openings, as long as the size of opening is smaller than LxH shutter size.



There are no mounting holes in frame. The mounting holes will be drilled on site, as far as possible from the edges of opening hole, in the strongest point of the structure.

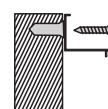
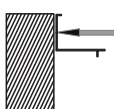
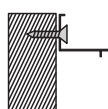
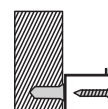
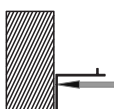
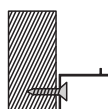


For drilling / fixing, lift the shutter blades.
Do not drill holes in pivoting area.



In metal sandwich panel **(1)**, use self drilling metal screws.

In concrete / brick structure **(2)** etc., mark the drilling hole and use appropriate plugs / anchors (not included).



(1)

(2)