

Overpressure shutter

GL



Detalii constructive. Utilizare.

Overpressure shutter with mobile blades.
Low friction bearings made from nylon PA6.

Used for protection of ventilation openings in buildings.

Material

Aluminium.
Bearings: nylon PA6.

Finish

Standard finish: natural aluminium
There are no other finishes available.

Mounting / Fixing

Mounting on walls (outside) only in vertical position.
Fixing with visible screws (countersunk holes in frame).

Optional accessories

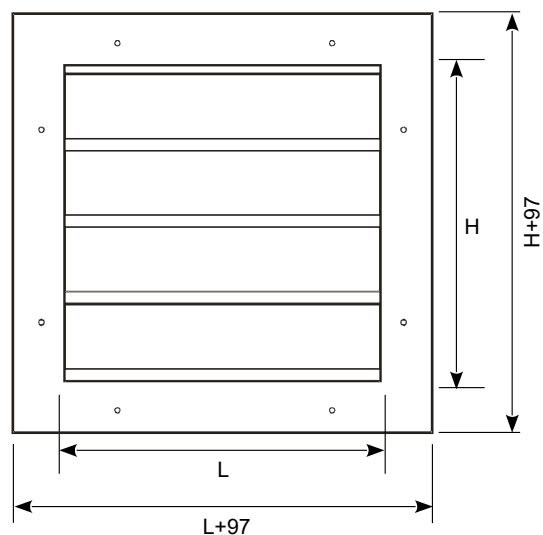
Blade linkage system - **LK** (extra cost).
Wire mesh - **PS** (extra cost).

Order code: **GL** **aaa x bbb** **+***

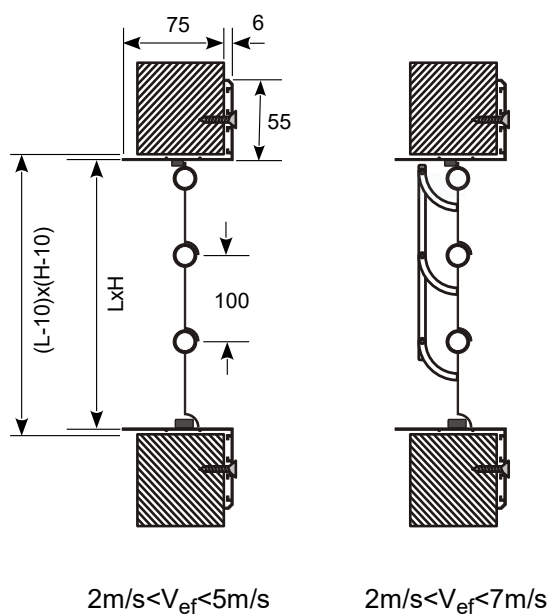
Product code ————
opening length L (mm) ————
opening height H (mm) ————
not specified - standard
+LK - blade linkage system (extra cost)

* - optional accessories

Technical data



LxH - opening hole size
Grille neck size: (L-10) x (H-10)



Available sizes

Can be manufactured with sizes between:
LxH 600x600 mm ~ LxH 2000x2000 mm

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Technical data

Use limits (standard):

- $V_{ef} = 2\sim5$ m/s

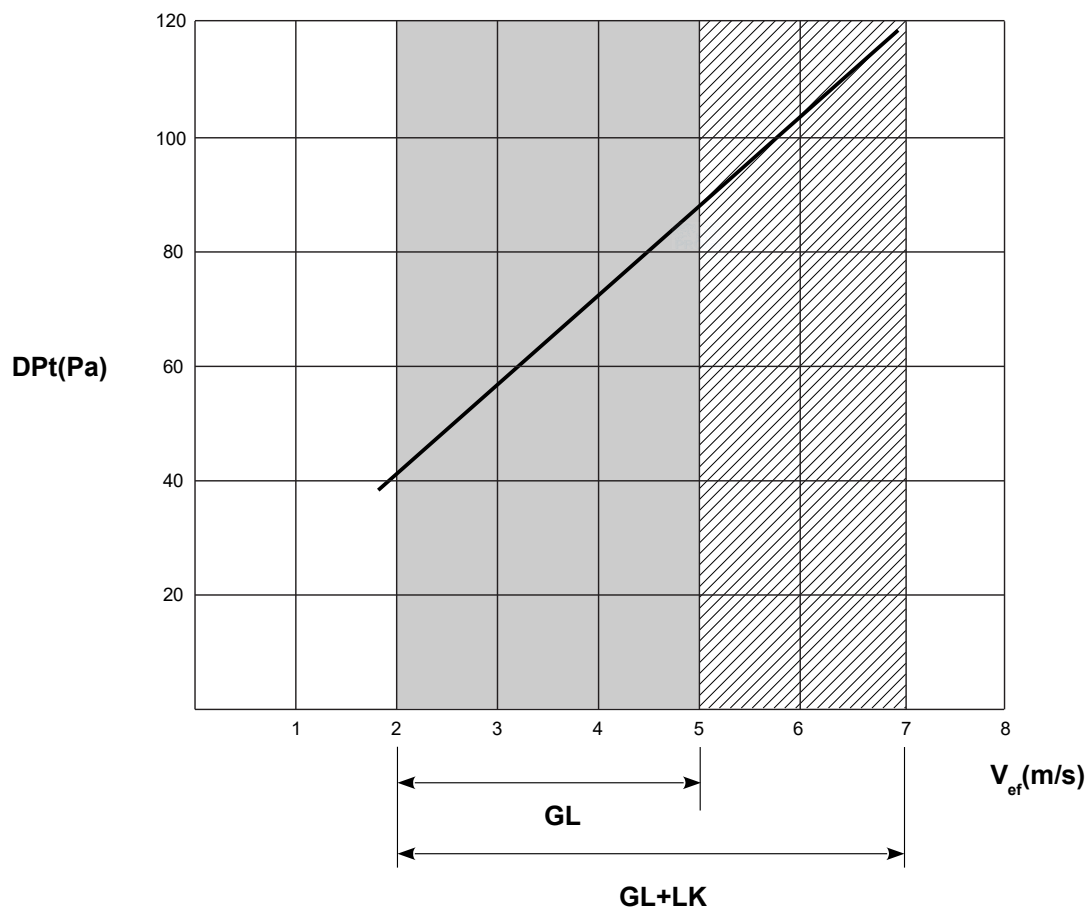
Use limits + LK:

- $V_{ef} = 2\sim7$ m/s

Selection formula :

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

- $A_{ef} = (L(\text{mm})/1000 \times H(\text{mm})/1000 \times 0,8)$
(area in $\text{m}^2 \times 0,8$)



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Mounting / Fixing

1: Measure opening hole and correct level differences and parallelism.
The maximum deviations allowed, both at parallelism and level difference, are +/- 5 mm.



2: Fixing

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).

