

External wall grille YGVN

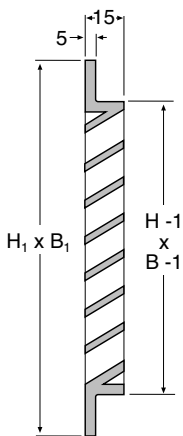


Uses

YGVN is mainly used as an intake grille for fresh air.

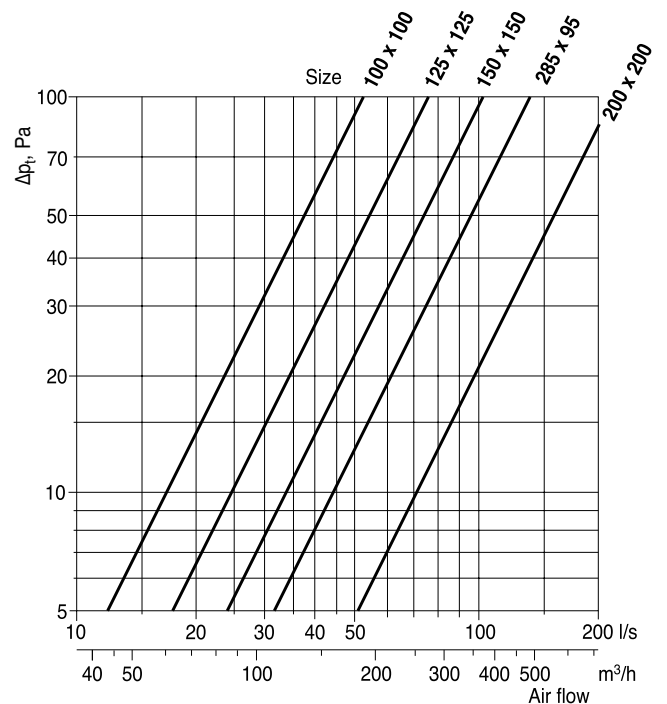
Design

YGVN is moulded of aluminium and has a rectangular connection. The back of the grille is equipped with a stainless steel wire net, as protection against small animals. The grille is available in the sizes shown in the table below.



Size B x H	B x H (mm)	Weight (g)
100 x 100	130 x 130	270
125 x 125	155 x 155	380
150 x 150	180 x 180	500
200 x 200	230 x 230	700
285 x 95	315 x 125	590

Selection diagram



When ordering, please state

External wall grille

YGVN - 125 x 125

Product _____

Dimension _____

Untreated aluminum oxidizes in an outdoor environment

Oxide layers cause corrosion resistance

When untreated aluminum outdoors comes into contact with oxygen, a thin oxide layer is formed, which is strongly bonded to the underlying metal. The layer protects the metal from further attack and increases its resistance to corrosion.

The oxide layer is insoluble in water and resistant to several chemicals. During the formation of the oxide layer, which thus increases the corrosion resistance of the aluminum, a whitened surface is formed.

The oxide layer can be deteriorated by direct contact of:

- Other metals such as copper, lead and iron (especially in humid conditions)
- Inorganic acids (for example hydrochloric acid and sulfuric acid)
- Formic acid, oxalic acid and chlorinated solvents
- Bases
- Mercury and mercury salt
- Seawater and chloride solutions
- Water containing heavy metals
- Damp wood and wood impregnated with copper-containing salts
- Alkaline building materials such as fresh concrete

Contamination and maintenance

Corrosion resistance often decreases as a result of dirt causing the surface to be damp for a long period of time. This can be avoided by cleaning the soiled surfaces annually depending on the degree of contamination.

The following methods can be used for cleaning dirt and coatings on untreated aluminum. Clean water is mildest to the metal. When cleaning, we therefore recommend:

- Clean water
- Mild soap / detergent
- Non-corrosive chemical cleaners