

TYPE NR - 900



DESCRIPTION

The **NR-900** series are gravity air grilles suitable for installation on walls and ducts, where protection against rain is required. The grille remains closed unless a pressure differential occurs. The blades come back to the closed position when the air flow in the duct stops.

Their main characteristics are:

- Extruded aluminium blades with polyester foam seal to prevent noise when the blades close.

NOMINAL SIZES

The **NR-900** air grilles are available in any combination of dimensions to meet the needs of the project.

We highlight that:

- The order dimensions are the dimensions of the **opening**.
- The blades are placed parallel to the **first** dimension of the grille.

ACCESSORIES

- Mesh 6 mm x 6 mm for the constraint of foreign objects, etc. **(-M)**
- The grilles are available with 32 mm or 19 mm width frame.

GRAVITY AIR GRILLE

INSTALLATION - FIXING

Each grille frame has counter punched holes and is delivered with flat-head, self-drilling screws, powder coated in the same RAL colour as the grille. For concealed installation, the frame has no holes.

MATERIALS

Frame and blades: Extruded aluminium anodized in matt silver or powder coated in RAL colour.

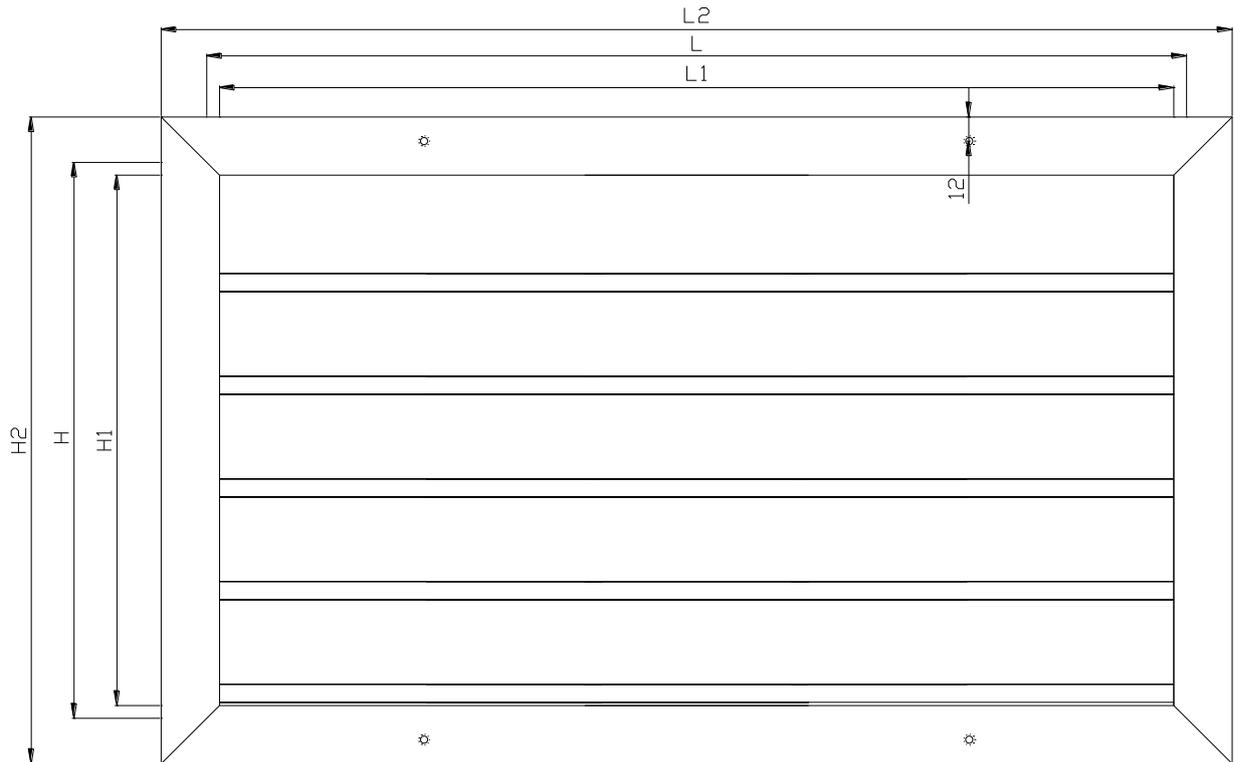
Frame seal: «Ω» type PVC. (Only available for 32 mm width frame).

Screws: Galvanized steel (DIN 7504).

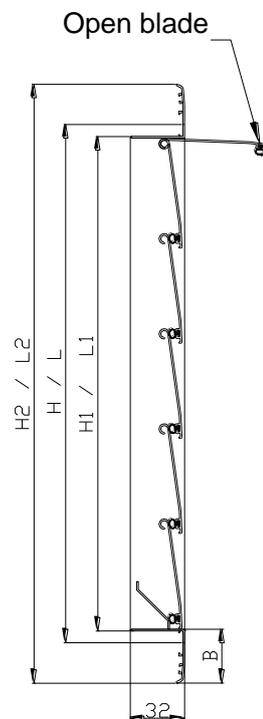
Blades' axis: Steel.

SPECIFICATION TEXT

Gravity air grille consisting of aluminium blades and PVC bearings with suitable casing for direct fixing in rectangular ducts. With optional mesh frame.



NR-900 – VIEW



NR-900 – SECTION

- L : Nominal length – horizontal opening
H : Nominal height – vertical opening
L₁ : Length $L_1 = L - 12\text{mm}$ to -16mm
H₁ : Height $H_1 = H - 12\text{mm}$ to -16mm
L₂ : Overall length $L_2 = L_1 + 2B$
H₂ : Overall height $H_2 = H_1 + 2B$
B : Frame width. Typical 32 mm. Optional 19 mm.

NOTES

1. When ordering, refer first to the dimension parallel to the blades, i.e. for horizontal blades length is specified first and for vertical blades height is specified first.
2. The grille comes with counter punched holes and self-drilling screws in the same RAL colour.
3. The number of holes are two (one on the right and one on the left) for grilles up to 250 mm, and four (two on the top and two on the bottom) for grilles over 300 mm.