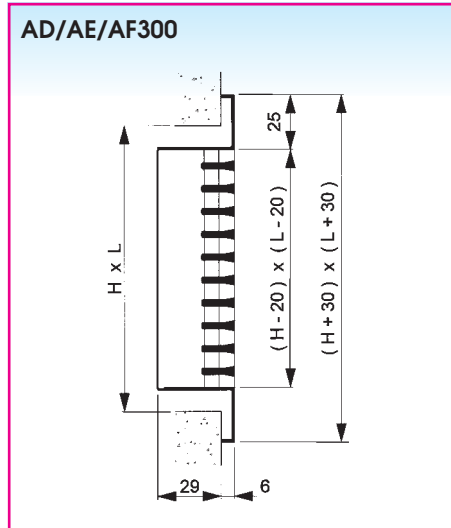
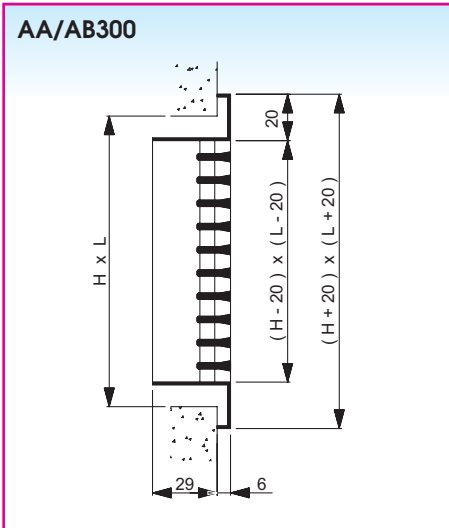


GRILLE WITH BARS A-300

Installation dimensions



L: nominal length (mm)
H: nominal height (mm)
All dimensions in mm.



Application

The grille with bars type A-300 is used for the supply and exhaust of cooled or heated air in facilities such as offices, shopping centres, ... The grille can be used for wall or windowsill mounting where an austere aesthetic construction is desired. Those grilles cannot be used for floor mounting.

Technical information

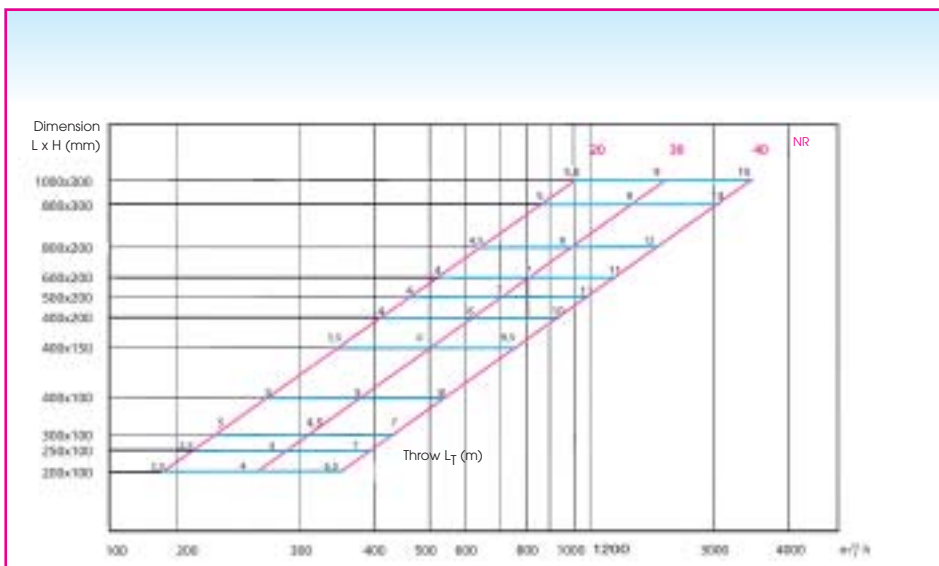
Characteristics :

- straight bars or with 15° deflection
- bars on 12,5 or 16^{2/3} mm centres
- available in multiples of 1 mm in length and 12,5 mm in height
min L= 100 mm, max L=2000 mm
min H = 37,5 mm, max H=600 mm
- GT007 only available in multiples of 25 mm as well in length as in height
- linear grilles (= grilles in multiple pieces, consisting of intermediate and end pieces) only available in heights 75, 100, 150, 200, 300 mm

Construction :

- margins and bars in extruded aluminium
- in case of construction with flow equalizer, the adjustable vanes are integrated in the margins and form a whole with the grille. Vanes are made of aluminium sheet.
- finish satin anodised

Fast selection diagram



Throw factor is based on a v_R of 0,17 m/s in the occupied zone.

For a detailed selection and other dimensions, see p. 1 230.

Valid only for supply, see diagram p. 1 230 for exhaust.

Specifications description

Example:

Aluminium grille with fixed horizontal straight bars for wall or windowsill mounting, equipped with a damper. The grille is satin anodised.

Type: AA307
nom. dim. (LxH) ... x ... mm

Accessories

- **GT007**: damper with vertical opposed blades
Construction of galvanised steel sheet, painted black. (For details, see p. 1 290.)
- **GR001**: mounting frame out of roll-formed, galvanised sheet steel. (Only for AA/AB/AD/AE300)
- flow equalizer consisting of vanes out of aluminium sheet, satin anodised

Bar types

Deflection 0°



Deflection 15°



How to order

AA300, dimension 600 x 200 mm, with damper GT007 and mounting frame GR001

a) Grille

A	A	3	0	7	-	-	0	6	0	0	0	2	0	0
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

L H

- : grille in one piece
- E : end piece
- M : intermediate piece
- L : left end piece (for 15° deflection)*
- R : right end piece (for 15° deflection)*

- 0: without damper
- 7: with damper

- 0: grille with bars only, on 12,5 mm centres
- 1: grille with bars and flow equalizer, on 12,5 mm centres
- 2: grille with bars, 15° deflection, on 12,5 mm centres
- 3: grille with bars, 15° deflection, on 12,5 mm centres and flow equalizer
- 4: grille with bars, on 16^{2/3} mm centres
- 5: grille with bars, on 16^{2/3} mm centres and flow equalizer
- 6: grille with bars, 15° deflection, on 16^{2/3} mm centres
- 7: grille with bars, 15° deflection, on 16^{2/3} mm centres and flow equalizer

- A : margin width 20 mm, friction spring fixing
- B : margin width 20 mm, concealed screw fixing
- D : margin width 25 mm, friction spring fixing
- E : margin width 25 mm, concealed screw fixing
- F : margin width 25 mm, screw fixing

b) Mounting frame

G	R	0	0	1	-	-	0	6	0	0	0	2	0	0
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

L H

- : grille in one piece
- E : end piece
- M : intermediate piece

***NOTE** : L (left) and R (right) are being determined by looking at the face of the grille with the bars having a downward deflection.

Possible deliveries

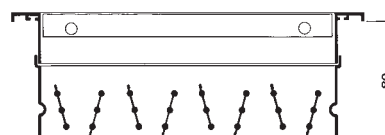
- **A-300, 320, 340, 360**

Grille with front bars only.



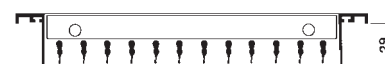
- **A-307, 327, 347, 367**

Grille with front bars and opposed blade damper.



- **A-310, 330, 350, 370**

Grille with front bars and flow equalizer.



- **A-317, 337, 357, 377**

Grille with front bars, flow equalizer and opposed blade damper.

