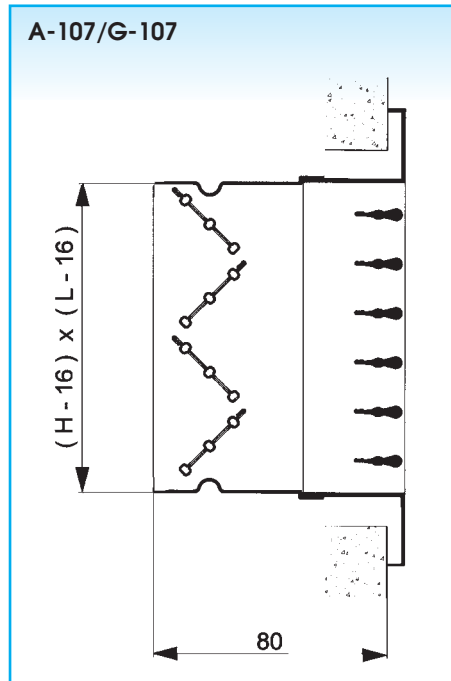
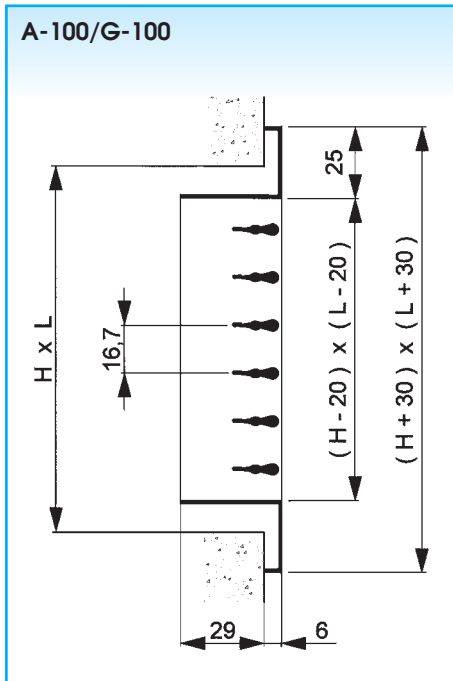


GRILLE WITH ADJUSTABLE VANES

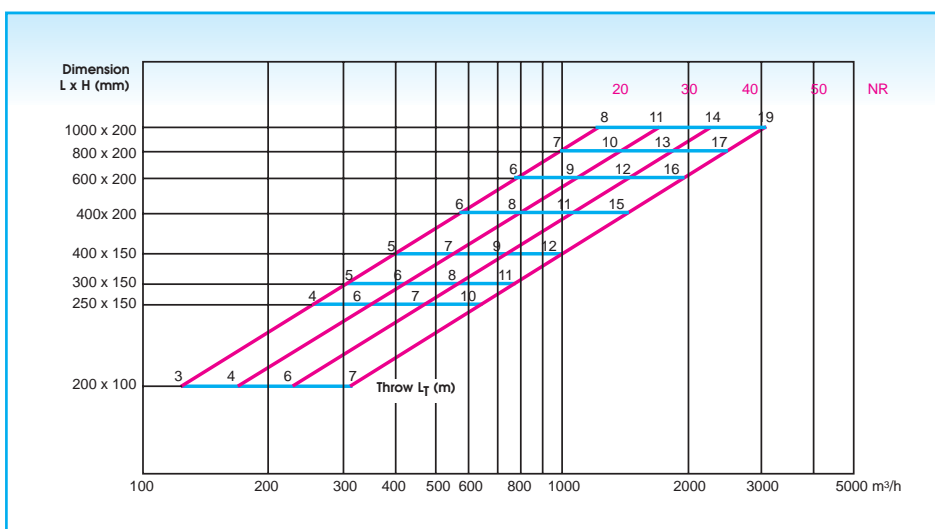
A-100 • G-100

Installation dimensions

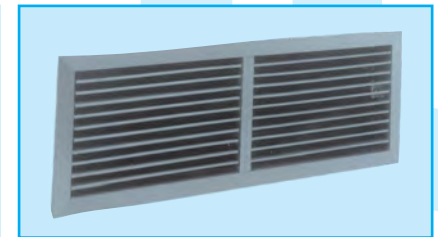


L = nominal length (mm)
H = nominal height (mm)
All dimensions in mm

Fast selection diagram



Valid for supply only. See diagram p. 1 050 for exhaust.
Throw factor is based on a v_R of 0,17 m/s in the occupied zone.
See p. 1 050 for a detailed selection and other dimensions.



Application

The grilles type A-100/G-100 are used for the supply and exhaust of cooled and heated air in facilities such as offices, shopping centres, workshops, ... The grille can be used for wall or exposed duct mounting. It is also possible to mount the grille in the ceiling in order to create e.g. an air curtain (only with AE/GE and AF/GF). The horizontal vanes can be adjusted manually and individually to obtain an optimal air distribution.

Technical information

Characteristics:

- single row of vanes
 - free passage ca. 70 % (depending on the position of the vanes)
 - Available in multiples of 25 mm, in length as well as in height
- G-100:**
min L = 75 mm, max L = 2000 mm
min H = 75 mm, max H = 1200 mm
- A-100:**
min L = 100 mm, max L = 2000 mm
min H = 75 mm, max H = 2000 mm
- linear grilles (= grilles consisting of intermediate and end pieces), available in heights from 75 mm till 525 mm and in steps of 25 mm. Length from 100 mm till 1000 mm and in steps of 50 mm.
 - also available with 35 mm frame width (only in aluminium construction)

Construction:

- **A-100:** frame in extruded aluminium; aluminium roll-formed strip; vanes both satin anodised
- **G-100:** roll-formed steel sheet and painted white (RAL 9010)

Specifications description

Example:

Steel supply grille with horizontal, individually adjustable vanes for wall or exposed duct mounting, equipped with a damper. The grille is painted white (RAL 9010).

Type: GF100 + GT007
nom. dim. (L x H) ... x ... mm

Accessories

- **GT003:** perforated steel sheet, 35 % passage, painted black (RAL 9005)
- **GT007:** damper with vertical, opposed blades. Constructed in galvanised steel sheet, painted black. (For further details, see p. 1 290)
- **GR001:** mounting frame in roll-formed, galvanised steel sheet (only for AD/GD and AE/GE)

How to order

GE100, dimension 600 x 200 mm, with damper GT007 and mounting frame GR001

a) Grille

G	E	1	0	7	-	-	0	6	0	0	0	2	0	0
---	---	---	---	---	---	---	---	---	---	---	---	---	---	---

L H

- : grille in one piece
E: end piece (linear grille)
M: intermediate piece (linear grille)

0: without damper
3: with perforated sheet 35 % passage
7: with damper GT007

0: horizontal vanes
4: with perforated sheet
(instead of vanes, only for a G-grille)

D: frame width 25mm, friction springs
E: frame width 25 mm, concealed screw fixing
F: frame width 25 mm, screw fixing
M: frame width 35 mm, screw fixing
N: frame width 35 mm, friction springs
V: frame width 35 mm, concealed screw fixing
X: frame width 25 mm, without fixing

A: aluminium construction (frame width 25 and 35 mm)
G: steel construction (frame width 25 mm only)

b) Mounting frame

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

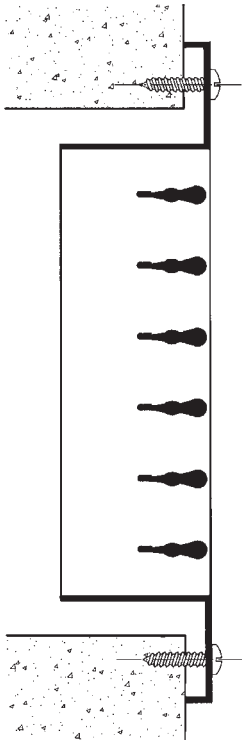
L H

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

Fixing methods

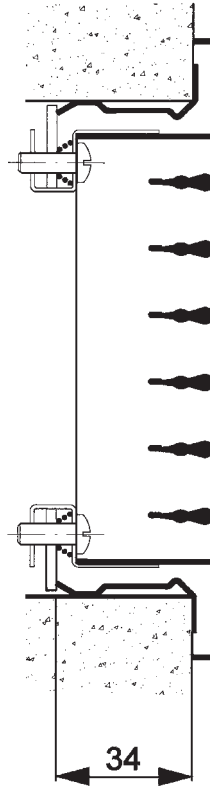
AF100/GF100

Grille with visible screw fixing



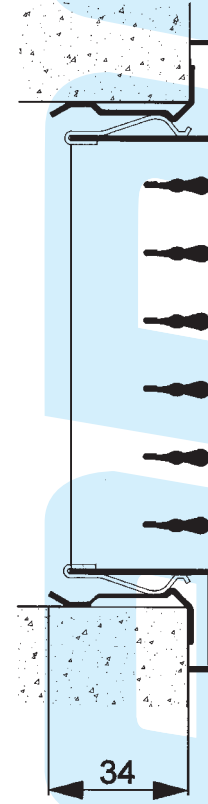
AE100/GE100 + GR001

Grille with concealed screw fixing and mounting frame



AD100/GD100 + GR001

Grille with friction springs and mounting frame



Delivery possibilities

Grille with single row of horizontal vanes

Aluminium	Steel	Construction
AD100	GD100	friction springs (not available for linear grilles)
AE100	GE100	concealed screw fixing
AF100	GF100	visible screw fixing
A-103	G-103	with perforated sheet GT003 35 % passage
A-107	G-107	with damper GT007

