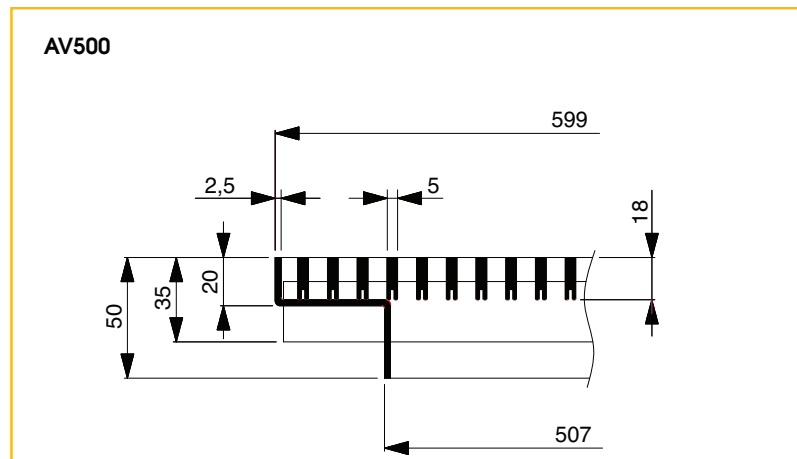
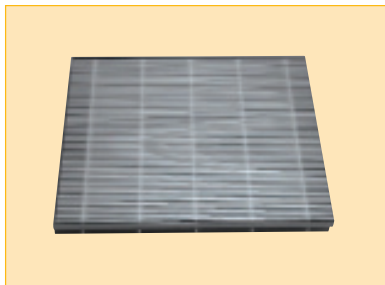


COMPUTER FLOOR GRILLE

TYPE: AV500

Installation dimensions



Application

The grille type AV500 is designed for the supply and exhaust of cooled and heated air in technical or computer rooms. The grille is used with raised 600 x 600 mm modular floor systems and underfloor air distribution network.

Selection table

SUPPLY				
Air Volume q_v (m ³ /h)	Air velocity v_k (m/s)	Pressure drop Δp_t (Pa)	Throw L_T (m)	Noise level (NR)
325	0,67	1	1,8	≤ 20
650	1,35	3	2,4	≤ 20
720	1,50	4	2,5	≤ 20
975	2,03	5	3,6	23
1300	2,70	8	5,0	26
1625	3,38	13	6,4	28
1950	4,05	19	7,8	30
2275	4,73	25	9,0	31
2600	5,40	32	11,0	34

Technical information

Characteristics :

- overall size 599 x 599 mm
- straight bars 18 x 5 mm fixed on 5 support bars 25 x 3 mm
- bars on 12,5 mm centres
- the grille core can be removed
- standard depth = 20 mm (factory-fitted corner packing units can be supplied to suit requested depth)

Construction :

- steel frame (2,5 mm thickness) painted black (RAL9005)
- core out of extruded aluminium, polished and satin anodised
- on request, both frame and core are available in a black nylon coating to give full electrical isolation where required.

EXHAUST		
Air Volume q_v (m ³ /h)	Pressure drop Δp_t (Pa)	Noise level (NR)
650	2	25
1300	6	27
1950	13	31
2600	22	34
3250	32	36
3900	43	42
4550	51	44
5200	66	47

COMPUTER FLOOR GRILLE

TYPE: AV500

Specifications description

Example:

Floor grille with steel frame and removable aluminium core for use in computer floors. Complete with damper. The core is satin anodised. The steel frame is painted black (RAL 9005).

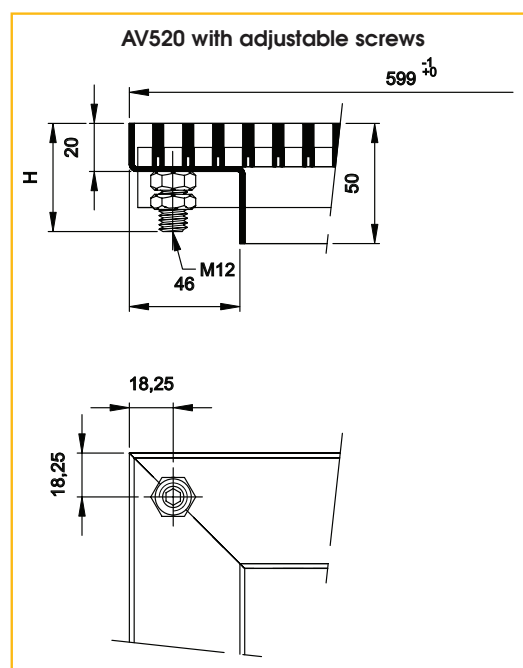
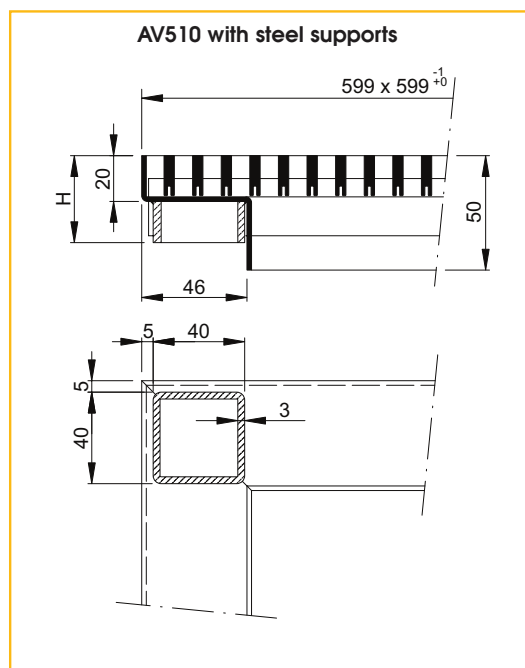
Type: AV500 + GT007
nom. dim. (L x H) ... x ... mm

Accessories

- **GT007:** damper with vertical opposed blades, galvanised steel sheet, painted black (for details see catalogue p. 1 290)
- For depths over 20 mm: steel supports or adjustable screws are available to suit required depth to customer specification

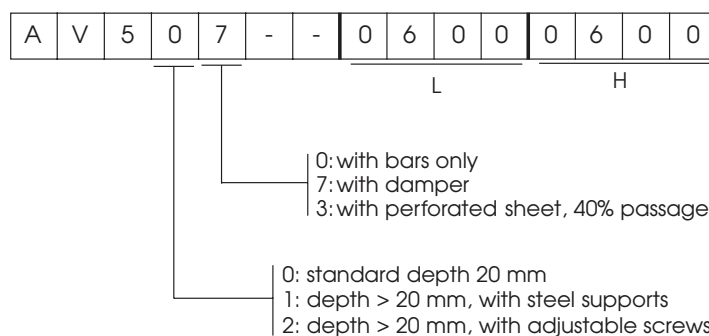
Fixing

Supplied without fixings for lay in application.



How to order

AV500, dimension 600 x 600 mm with damper GT007



* **NOTE:** if height is > 20 mm, please mention size H

Options

- **AV500**
Floor grille with straight front bars
- **AV507**
AV500 with damper GT007
- **AV510**
Floor grille with straight front bars like AV500 only provided with steel supports according to the required depth
- **AV517**
AV510, with damper GT007
- **AV520**
Floor grille with straight front bars like AV500 only provided with adjustable screws according to the required depth
- **AV527**
AV520 with damper GT007

COMPUTER FLOOR GRILLE

TYPE: AV500

Specifications description

Example :

Floor grille with steel frame and removable aluminium core for use in computer floors. Complete with damper. The core is polished and satin anodised. The steel frame is painted black (RAL9005).

Type : AV500 + GT007
 nom. dim. (LxH) ... x ... mm

Accessories

- **GT007** : damper with vertical opposed blades. Construction of galvanised sheet steel, painted black. (For details see catalogue p. 1 290)
- For depths larger than 20 mm: corner packing to required depth is factory-fitted to customer specification

Fixing

- Supplied without fixings for lay-in application.

How to order

AV500, dimension 600 x 600 mm with damper GT007

A	V	5	0	7	-	-	0	6	0	0	0	6	0	0
							L				H			

0 : with bars only
 7 : with damper
 3 : with perforated plate, 40% passage

*** NOTE : please order corner packing separately**

Options

- **AV500**
 Floor grille with straight front bars
- **AV507**
 AV500 with damper GT007