

Filter grille FR

Application

Filter grilles are intended for wall installation in rooms which require a higher level of air purity (computer centres, libraries, clean rooms, etc.). They are primarily used to extract air from the room.

Description

The grilles are made of stainless (polished) sheet metal. The installed filter is of the Coarse 50% - Coarse 85% filter class according to ISO 16890 (old designation: G3, G4 or M5).

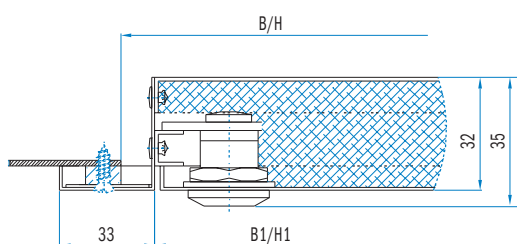
Dimensions

Standard grille dimensions are 225 x 225 mm to 625 x 625 mm. Grille depth is 35 mm. Other dimensions available on request.

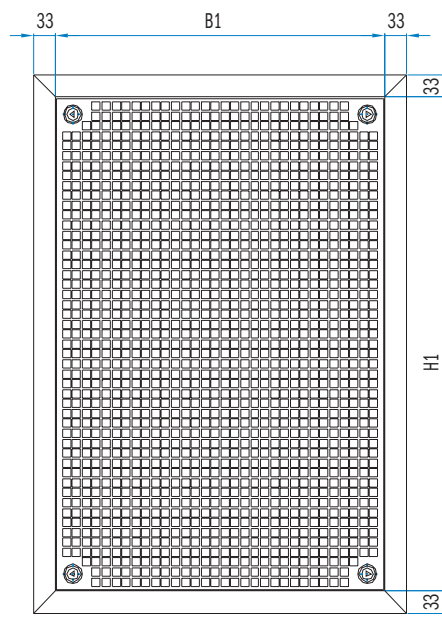
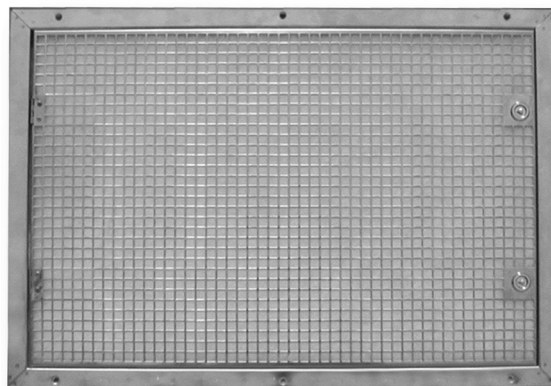
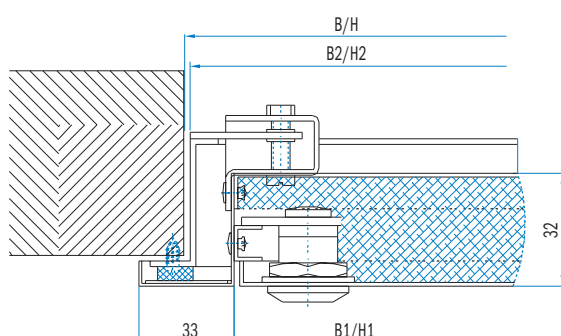
Installation

Grilles may be fixed with visible screws (designation V, screws on the grille frame) or hidden into the installation frame (designation 2, grille is fastened on the installation frame with a lock on the internal side of the grille. The installation frame must be fixed on the wall before the installation of the grille.)

1. with screws (designation V)



2. on the installation frame (designation 2)



Filter replacement

Filters must be replaced once the louvre pressure drop increases due to dirt trapped in the filter. The filter replacement is a quick and simple procedure. Use the lock to open the grille and replace the dirty filter with a new one. Then close the mask with the lock.

Table 1: Dimensions and weights

B	H	B1	B2	H1	H2	Weight [kg]	
						FR/2	FR/V
225	225	198	222	198	222	1.4	0.8
325		298	322			1.8	1.1
425		398	422			2.1	1.3
525		498	522			2.5	1.6
625		598	622			2.8	1.8
325	325	298	322	298	322	2.1	1.4
425		398	422			2.6	1.8
525		498	522			3.1	2.1
625		598	622			3.5	2.5
425	425	398	422	398	422	3.1	2.2
525		498	522			3.6	2.6
625		598	622			4.2	3.0
525	525	498	522	498	522	4.2	3.2
625		598	622			4.9	3.6
625	625	598	622	598	622	5.6	4.2

Note: Deviation of weight is $\pm 10\%$.

Ordering key

FR / V / M5 / F B x H

1 2 3 4 5

1 Type

FR

2 Installation

V Visible screw fixing
S Hidden screw fixing

3 Filter class

M5 Filter classification EN 799:2012
G4 Filter classification EN 799:2012
G3 Filter classification EN 799:2012
Coarse 50-85% Filter classification ISO 16890

4 Register

F Air flow adjustment insert

5 Nominal size

BxH Nominal size B x H in mm

Note:

Filter included in price.

Other dimensions are available on request.