

Fluff separator LN-1

Application

The fluff separator is an air exhaust grille designed for wall mounting in rooms with special air purity demands (operating theatres, computer centres, ...). It is primarily used for air exhaust.

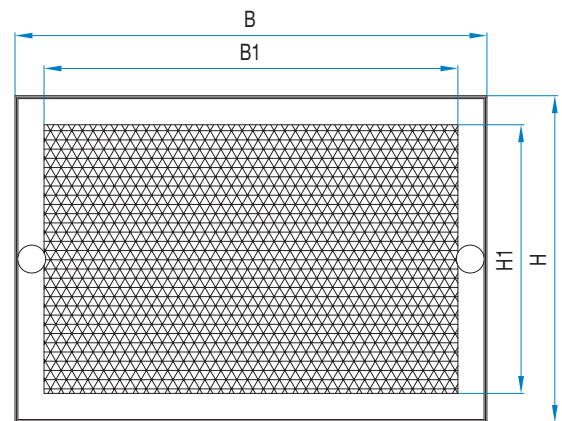
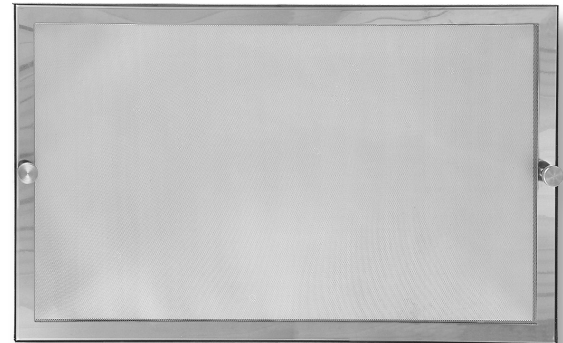
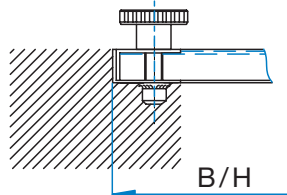
Description

The grilles are made of stainless (grinding) sheet steel. The grille face consists of a frame with a densely woven stainless mesh welded on.

A filter (LN-1/filter) or an airflow rate adjustment stainless steel insert F (LN-1/F) can be placed on the installation frame. (To adjust the insert, remove the grille face.) The front plate is fastened on the installation frame with a stainless steel screw.

Installation

The grille may be mounted flush with the wall face.



Filter insert cleaning and replacement

Due to the build-up of impurities, the grille must be removed and cleaned. Loosen the grille face screw and simply remove the grille face from the installation frame. With the LN-1/filter variant, remove the filter insert from the frame and replace it with a new insert.

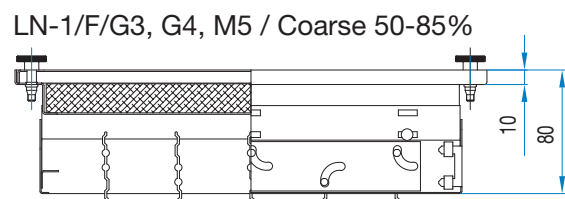
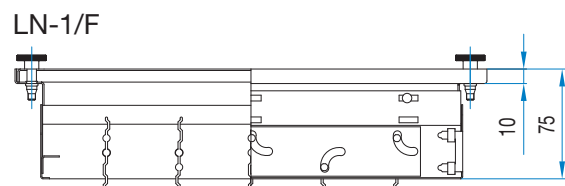
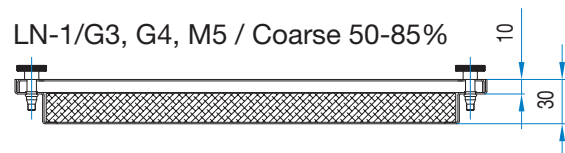


Table 1: Dimensions and weight

Nominal dimension		Free area		Weight [kg]			
B	H	B1	H1	LN-1	LN-1/filter	LN-1/F	LN-1/F/filter
325	225	285	185	0.7	1.2	1.5	2.0
425	225	385	185	0.9	1.4	1.9	2.4
525	225	485	185	1.0	1.7	2.2	2.9
425	325	385	285	1.0	1.7	2.3	3.0
525	325	485	285	1.1	2.0	2.7	3.6
625	325	585	285	1.3	2.3	3.1	4.1

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

Ordering key

LN-1 / M5 / F B x H

1 2 3 4

1 Type

LN-1

2 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

3 Register

F Air flow adjustment insert

4 Nominal size

BxH Nominal size B x H in mm

Note:

Filter is not included in price.
 Other dimensions are available on request.