

Description and application

Raster grille floor intake-exhaust systems used in low and medium pressure. It is designed for installation in the floor using visible bolts in stamped holes in front frame, It is also possible invisible mount using latches or hidden screws in additional mounting frame. The grille is resistant to significant weight. Optionally, it is possible to make the grille without external frame to the instalation in the floor. On request possibility make floor grille with a damper for adjusting the air.

Egg crate grille has Hygienic Certificate HK/K/0522/02/2016

Material and workmanship

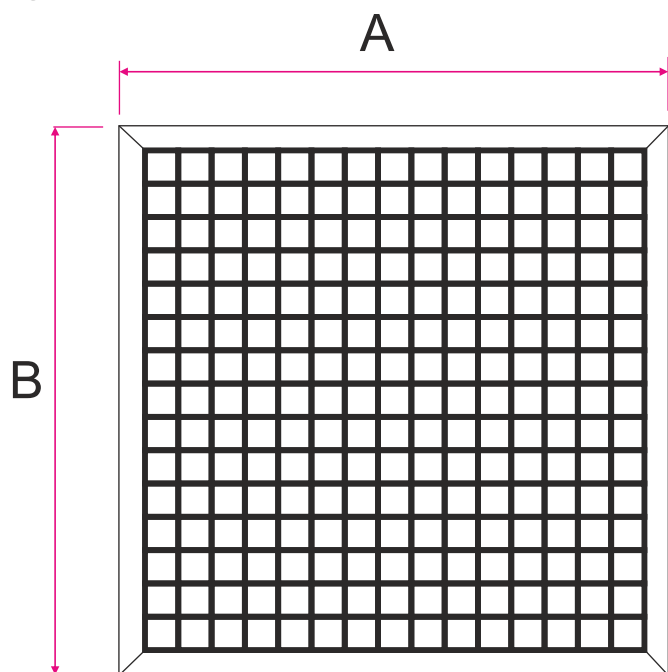
Material:

- blades (raster) - flat bar aluminum 4mm
- frame - aluminum

On request, it is possible to powder-coated in any RAL color .

Size

Grilles are made to order. Grilles dimension given by the customer. For the dimension above 600mm way of making the grille need to be negotiated. Producer reserves the right to make technical changes for example. adapted to the conditions of mounting grille or its dimensions (agreed with the client).



L,H - dimensions of the ventilation duct
A,B - external dimensions of grilles

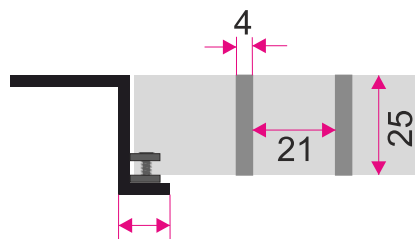
Effective area

L	H	A _{ef} (m ²)
225	75	0,006
325	75	0,009
425	75	0,018
525	75	0,015
625	75	0,018
825	75	0,024
1025	75	0,030
225	125	0,013
325	125	0,019
425	125	0,025
525	125	0,032
625	125	0,038
825	125	0,051
1025	125	0,064
1225	125	0,076
225	225	0,026
325	225	0,039
425	225	0,052
525	225	0,065
625	225	0,078
825	225	0,105
1025	225	0,131
1225	225	0,157
325	325	0,059
425	325	0,079
525	325	0,099
625	325	0,119
825	325	0,159
1025	325	0,199
1225	325	0,236
425	425	0,106
525	425	0,132
625	425	0,159
825	425	0,203
1025	425	0,266
1225	425	0,320
525	525	0,166
625	525	0,199
825	525	0,267
1025	525	0,334
1225	525	0,401
625	625	0,240
825	625	0,321
1025	625	0,401
1225	625	0,482

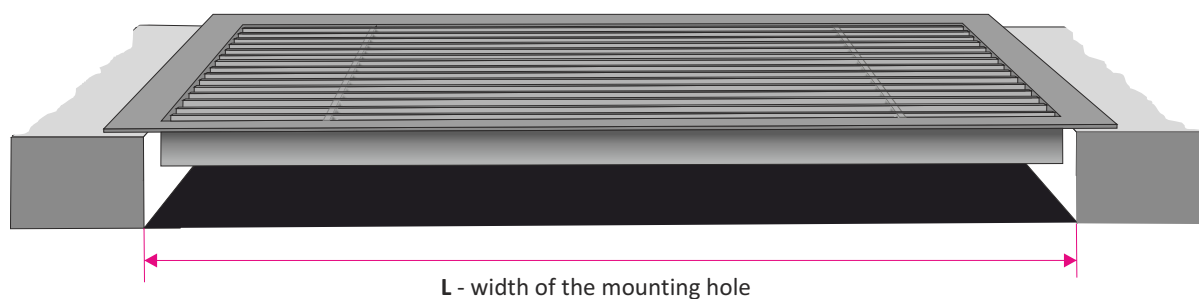
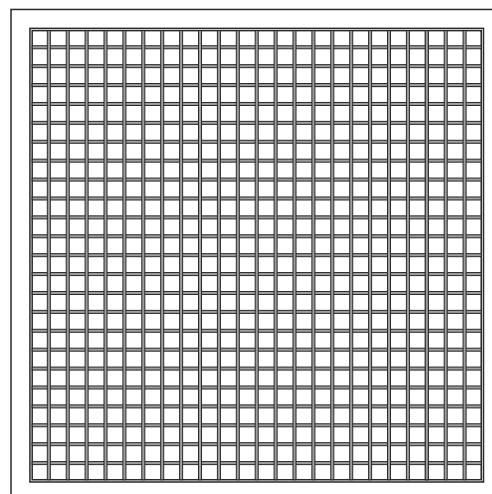
Size - type of frame

Grilles are manufactured to order. Dimension grille according to the customer needs, adjust to the mounting hole LxH.

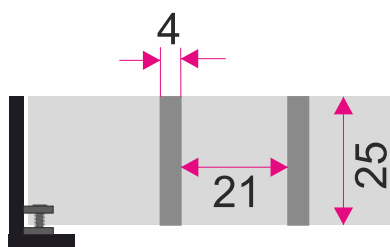
grille frame with eversion - example



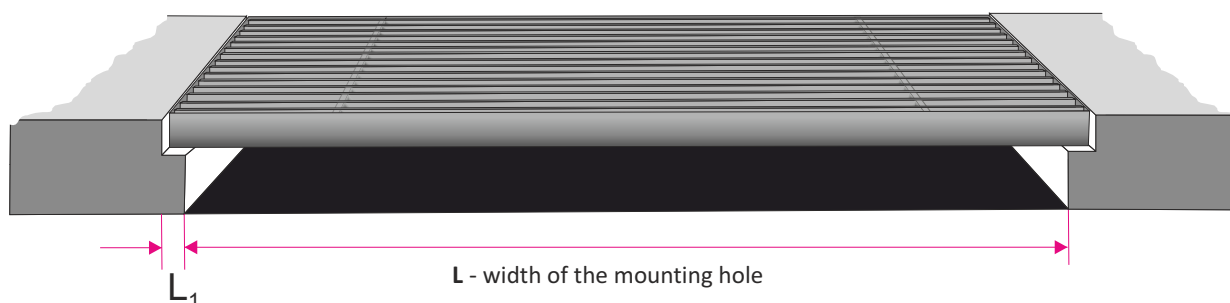
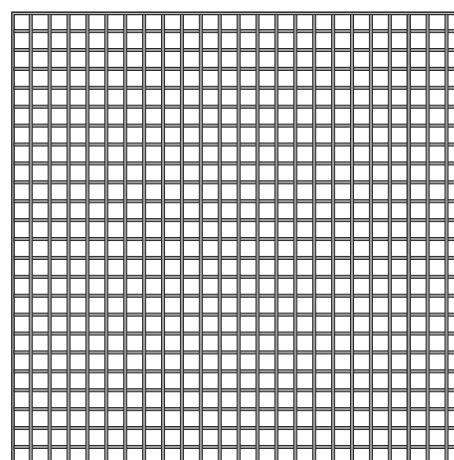
dimension addicted to the size of grille



grille in the frame of angle bar - example

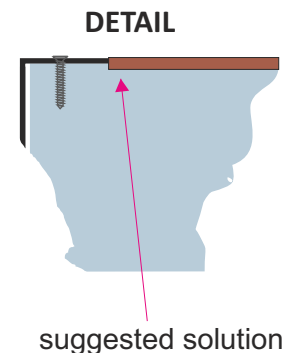
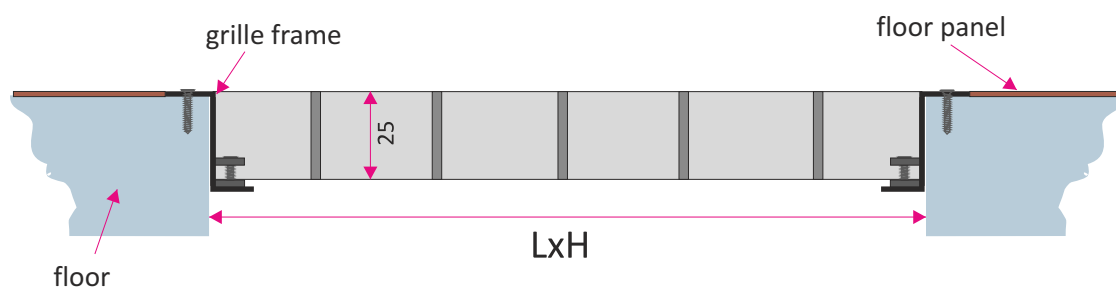


L_1 - the width of support for grille
(Please specify this information when placing an order)

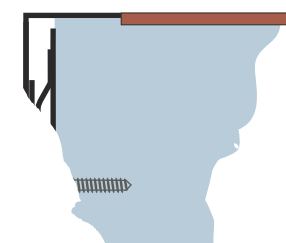
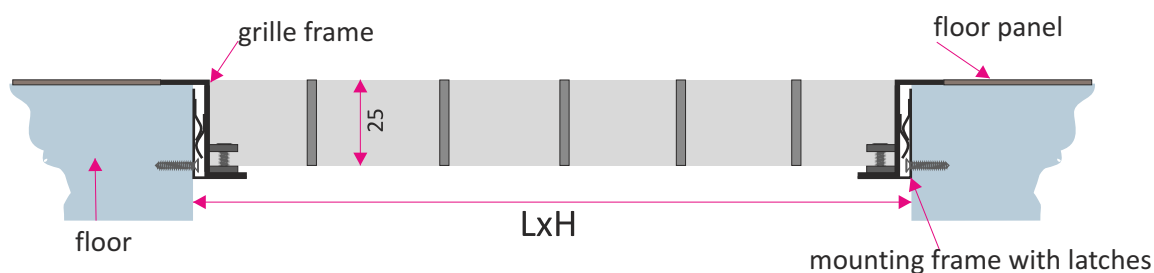


Methods of mounting

KRP frame eversion - mounting screws in the grille frame (W1)



KRP frame eversion - invisible mounting on latches (W2)



The method of placing an order

Please make orders according to the following formula:

KRP / 'R' / 'LxH' / 'RAL' / 'W'

'R'	frame type z - frame with aluminum profile (Z) k - frame with aluminum angle bar (K)
'LxH'	- size of mounting hole (width x height) in mm
'L1'	- width of support for grille (especially in case of the grilles in the frame of the angle bar)
'RAL'	- grille color according to RAL palette (standard RAL9016*)
'W'	- mounting option: W1 - assembly visible on screws through the holes in the front frame grille W2 - assembly invisible through the spring latch and the additional assembly frame

* - If you don't give the information will be used standard parameters.