

Description and application:

Pressed grille KT-1 have the function of supply and exhaust and equalizing-air flow. Grilles have still embossed blades. Due to its construction the air flow grille are used in areas exposed to mechanical damage (boiler rooms, garages, gyms, as well as external air intakes louvre). It is designed for wall mounting, covering pre-prepared mounting holes. The grille frame may have embossments to screws, for fixing the grille directly to the wall.

Application:

- On the cover machinery and mechanical appliances and electronic provide airflow / cooling
- On the wings of the door
- Directly to the ventilation ducts and ventilation chimneys.

Grille has Hygienic Certificate HK/K/0522/02/2016

Material and workmanship

Material:

- galvanized steel (standard)
- aluminum
- stainless steel (type 1.4301 or 1.4404)

On request, the grille may have behind blades extra mesh to protect installation against the larger contaminants (solution used for assembling air intake grille as external louvre). When ordering must specify whether the grille is mounted inside the building or outside (elevation, exterior doors).

Size

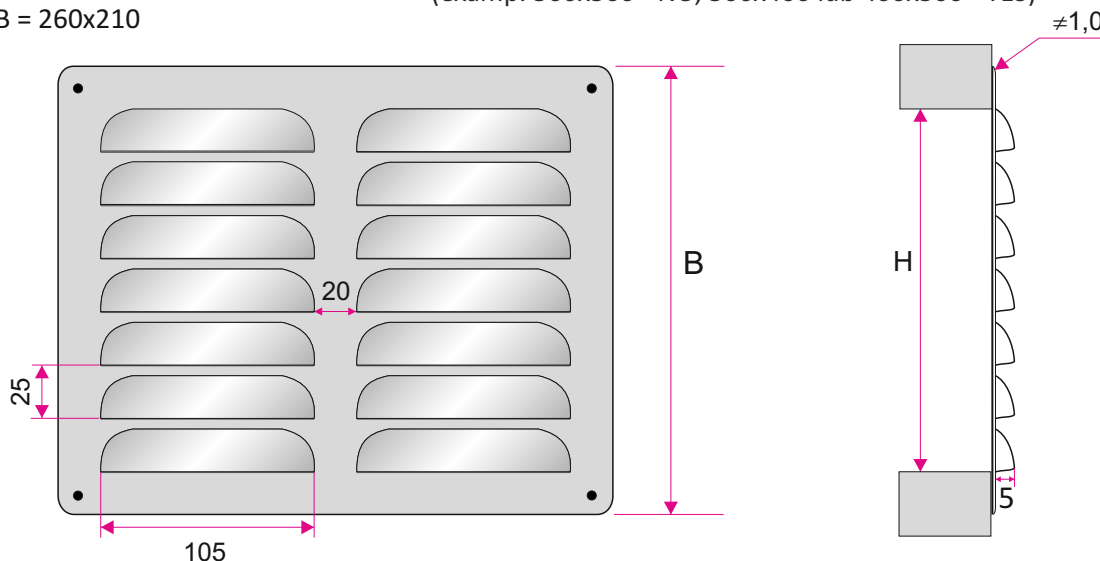
Grilles are manufactured to order. Dimension grille according to the customer request, adapted to the mounting hole LxH.

EXAMPLE:

Size of mounting hole LxH = 220x170

External size AxB = 260x210

WARNING: Only one of these dimensions can be greater than 400 mm (examp. 500x500 - NO, 500x400 lub 400x500 - YES)



Technical data - The effective area of air flow - size of mounting hole

H \ L	105	230	355	480	605	730	855	980
mm	Aef (m ²) powierzchnia efektywna							
100	0,002	0,003	0,005	0,006	0,008	0,010	0,011	0,013
200	0,003	0,007	0,010	0,013	0,016	0,019	0,022	0,026
300	0,005	0,010	0,015	0,019	0,024	0,029	0,034	0,038
400	0,006	0,013	0,019	0,026	0,032	0,038	0,045	0,051
500	0,008	0,016	0,024	0,032	0,040	0,048	0,056	0,064
600	0,010	0,019	0,029	0,38	0,048	0,058	0,067	0,077



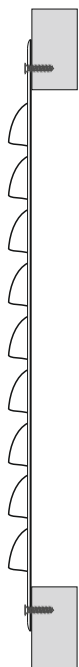
dimensions meet the requirements of flow grilles door

Method of making

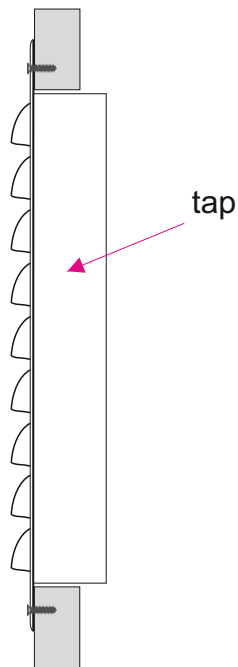
Grille KT-1 in standard is produced in versions for screwing on the mounting hole (without tap). Is possible to make version with a groove allowing installation of grille in the prepared hole mounting, for example mounting glue or with an additional mounting frame on latch (assembly invisible).

W1

KT-1 without tap

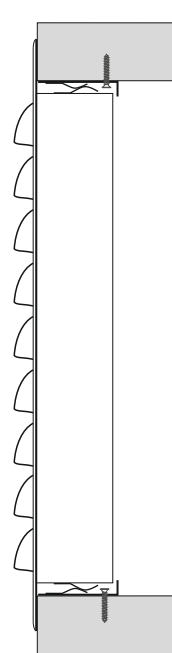


KT-1 with tap



W2

KT-1 with tap

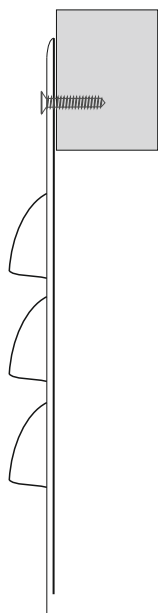
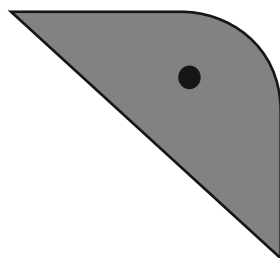


1. mounting variant visible on screws

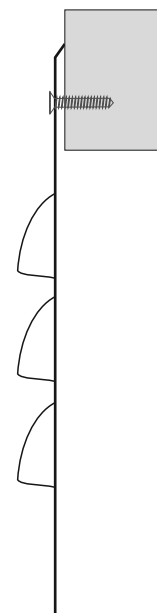
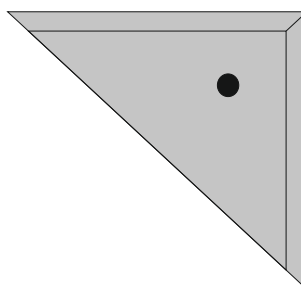
2. invisible installation variant on springs

TYPE OF FRAME

frame flat rounded corners



incurved frame 45° corners angle 90°



The method of placing an order

Please make orders according to the following formula:

KT-1 / 'LxH' / 'RAL' / 'R' / 'T' / 'W' / 'MM'

'LxH'	- mounting hole size (width x height) in mm
'RAL'	- grille color according to RAL palette (standard RAL9016*)
'M'	- material: OC - galvanized steel AL - aluminum KO - stainless steel
'R'	- frame: Z - frame flatrounded corners* K - incurved frame 45°, corners angle 90°
'T'	- building: none - grille without inlet in a mounting hole* t - grille with tap / inlet in the mounting hole
'W'	- mounting option: W1 - visible assembly on screws through the holes in front frame grille* W2 - invisible mounting using latch springs and additional mounting frame
'MM'	- mounting location W - inside the building Z - outside the building (facade, exterior doors)

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