

## Description and application

Grille intake and exhaust used in low and medium pressure industrial facilities or public areas where it is necessary to exchange a large amount of air. Is designed to installation in walls, ceilings or directly on the ducts using visible screws in stamped holes in front frame or with an additional frame to hide the assembly elements. On request there is possibility of making the grille with a damper for regulating the air flow.

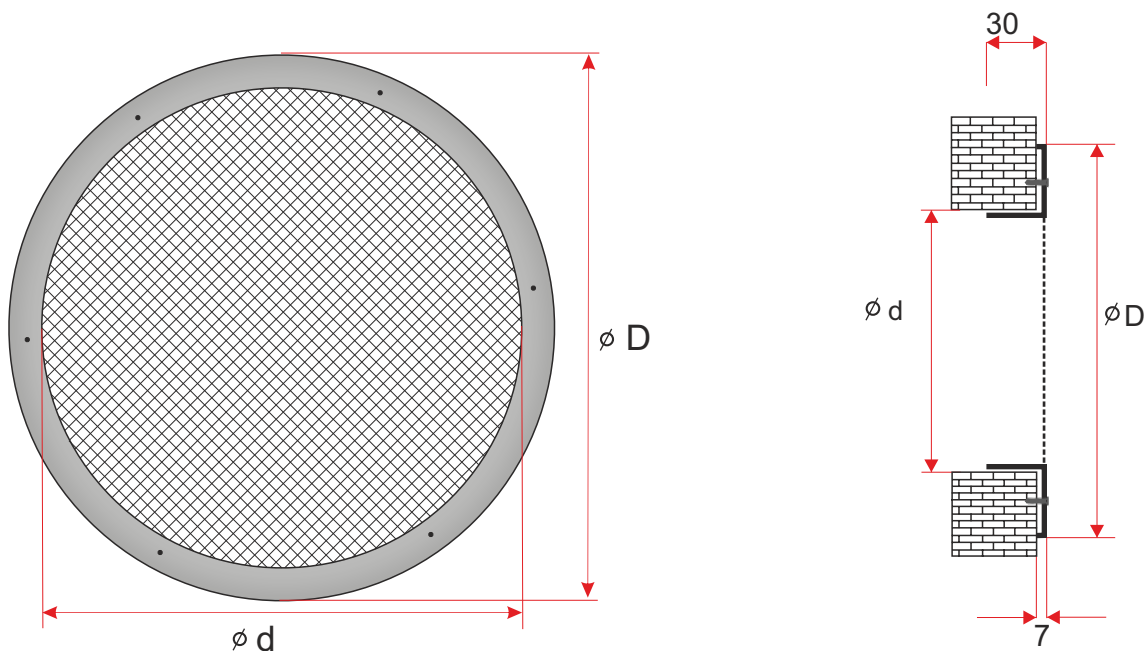
Grille has Hygienic Certificate HK/K/0522/02/2016

## Material and workmanship

Grille is made of galvanized steel and expanded metal mesh, the whole grille is powder coated in white color RAL 9016. On request, it is possible to paint in any RAL color and execution of stainless steel or aluminum.

## Size

Grilles are manufactured to order. Dimension grilles by the customer request



### Standard dimensions (mesh 12x7):

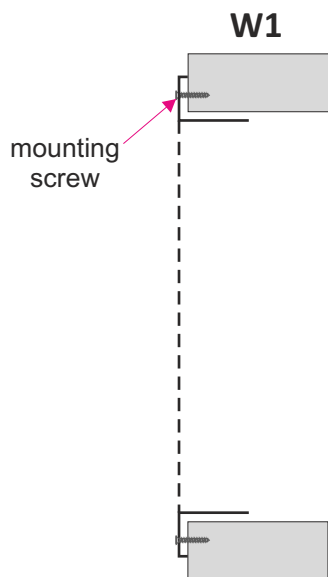
$\phi d$	$\phi D$	Aef
mm		m <sup>2</sup>
200	260	0,0204
250	310	0,0319
315	375	0,0506
400	460	0,0816
500	600	0,1276
630	730	0,2025
800	900	0,3266
1000	1100	0,5103

On request it is possible to produce grilles in different dimensions and with different mesh density.

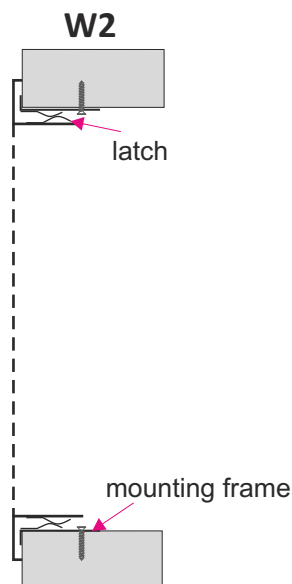
Clearance in the sample grilles:

- mesh 10x6 - 66,7%
- mesh 12x7 - 71,40%
- mesh 14x8 - 75%

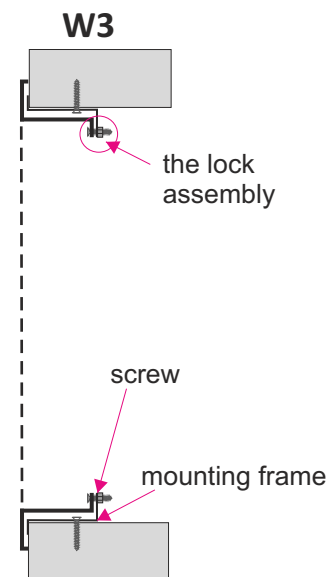
## Methods of mounting



Assembling visible through screws and mounting holes in the grille frame.



Assembling invisible by latches in grille and mounting frame RM or in plenum box.



Assembling invisible by screws and lock assembly in mounting frame RM or in plenum box. Option recommended for invisible installation in the ceiling.

## The method of placing an order

Please make orders according to the following formula:

**KSI-2 / 'φd' / 'RAL' / 'M' / 'W'**

- 'φd' duct size / mounting hole size
- 'RAL' grille color according to RAL palette (standard RAL9016\*)
- 'M' material:
  - ST - powder coated steel\*
  - AL - aluminum powder coated
  - KO - stainless steel / acid proof steel (type 1.4301 or 1.4404)
- 'W' mounting option **W1, W2, W3**

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