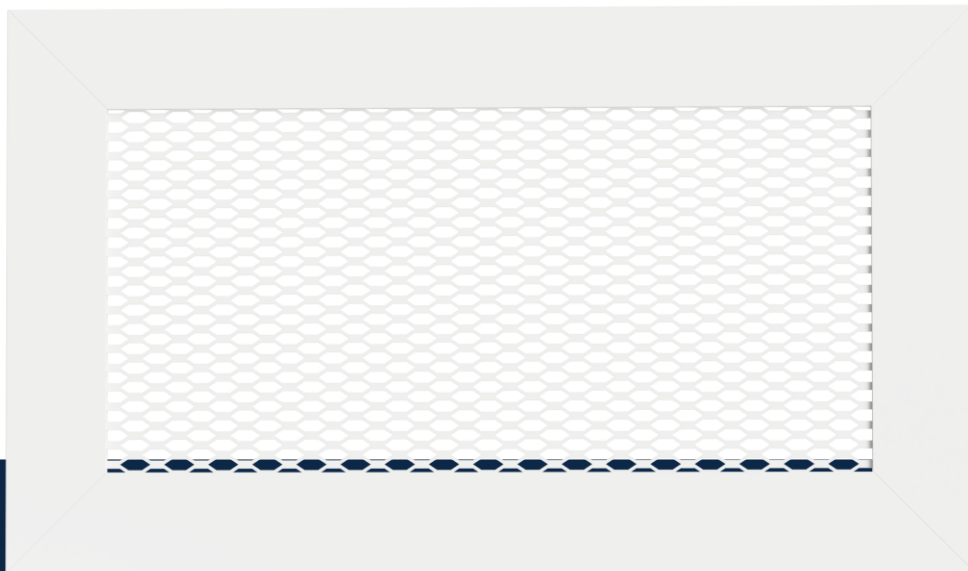


Air through perfection

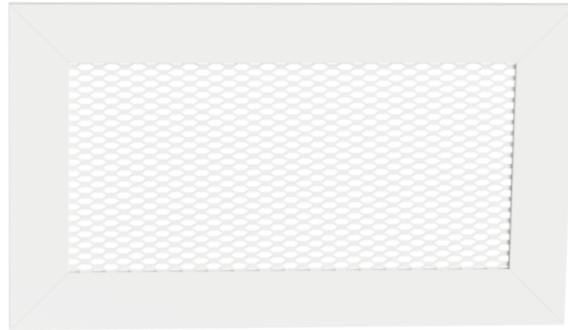
# Expanded mesh grille

# RP



**ACP**  
Grilles

## Expanded mesh grille RP



### Description

RP is an expanded metal sheet frame, without connection, used in ventilation and air conditioning systems for air transfer or masking.

It can be applied on the wall, ceiling, rectangular ducts, dampers or smoke dampers.

### Technical specifications

#### Characteristics

The expanded metal sheet has 12x5 mm hexagonal mesh.

The product is manufactured with holes for screw mounting.

RP has no terminal connection, it is easy to apply on the ceiling, wall or other equipment.

The maximum construction dimension of the product is 2000 x 1000 mm.

The product is delivered with fixing screws.

## Materials

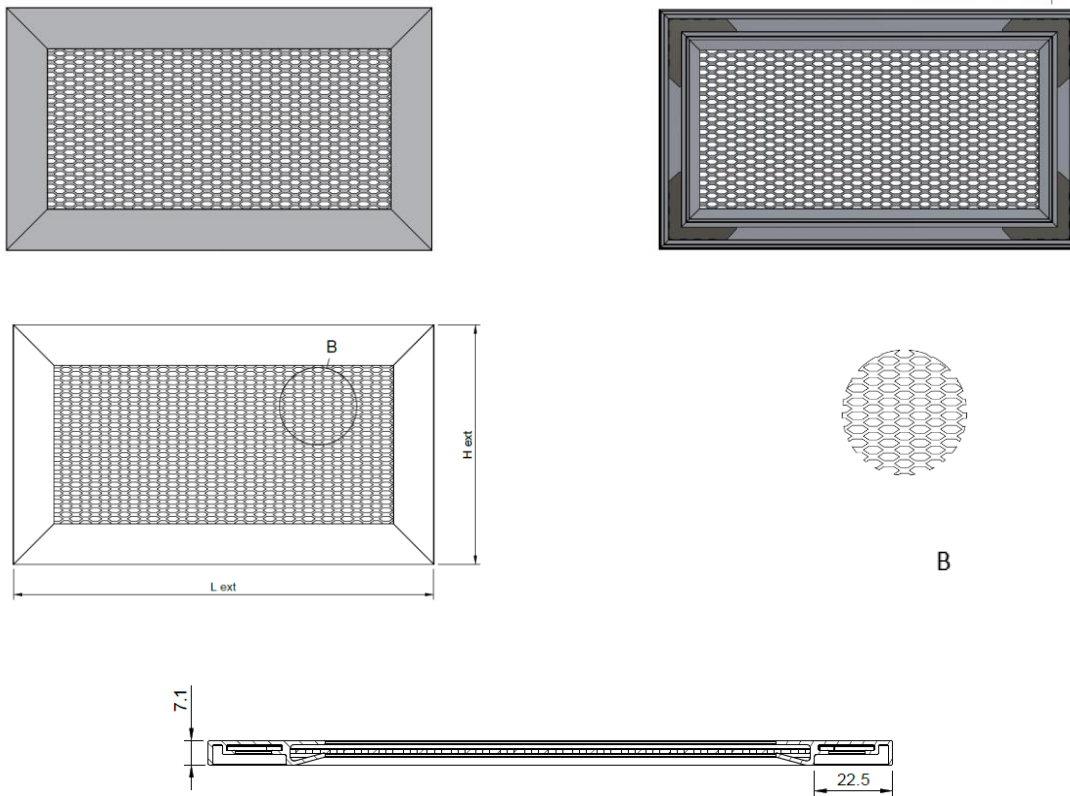
The materials used are extruded aluminum frame and expanded galvanized steel sheet.

The expanded sheet complies with the standards for thermal galvanizing ISO 1461/2002.

The product is electrostatic field painted in glossy white RAL9016.

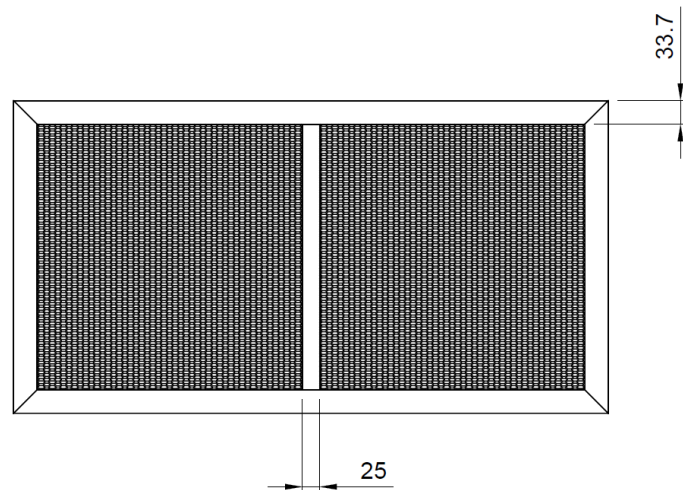
Other RAL colours are available on request.

## Technical drawing

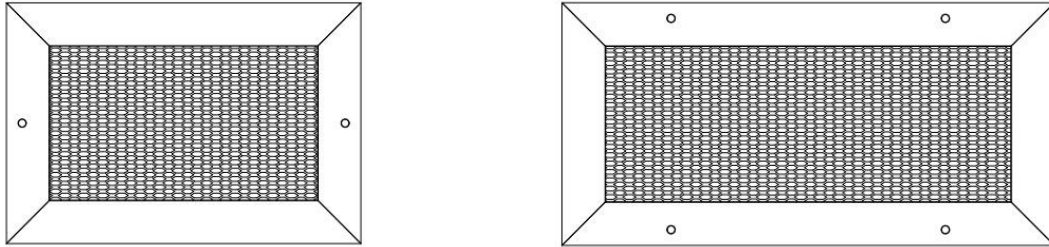


## Product specifications

Products with dimensions > 1000 mm are made with stiffening elements.



The grille is made standard with mounting holes positioned on the product frame. The number of holes and their position are made according to the size of the product.



L x H ext [mm]	Number of holes																				
	100	200	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	
100	2	2	2	2	2	4	4	4	4	4	4	4	4	6	6	6	6	6	6	8	8
200	2	2	2	2	2	4	4	4	4	4	4	4	4	6	6	6	6	6	6	8	8
300	4	4	4	4	4	4	4	4	4	4	4	4	4	6	6	6	6	6	6	8	8
400	4	4	4	4	4	4	4	4	4	4	4	4	4	6	6	6	6	6	6	8	8
500	4	4	4	4	4	4	4	4	4	4	4	4	4	6	6	6	6	6	6	8	8
600	4	4	4	4	4	4	4	4	4	4	4	4	4	6	6	6	6	6	6	8	8
700	4	4	4	4	4	4	4	4	4	4	4	4	4	6	6	6	6	6	6	10	10
800	4	4	4	4	4	4	4	4	4	4	4	4	4	6	6	6	6	6	6	10	10
900	4	4	4	4	4	4	4	4	4	6	6	6	6	8	8	8	8	8	8	10	10
1000	4	4	4	4	4	4	4	4	4	6	6	6	6	8	8	8	8	8	8	10	10

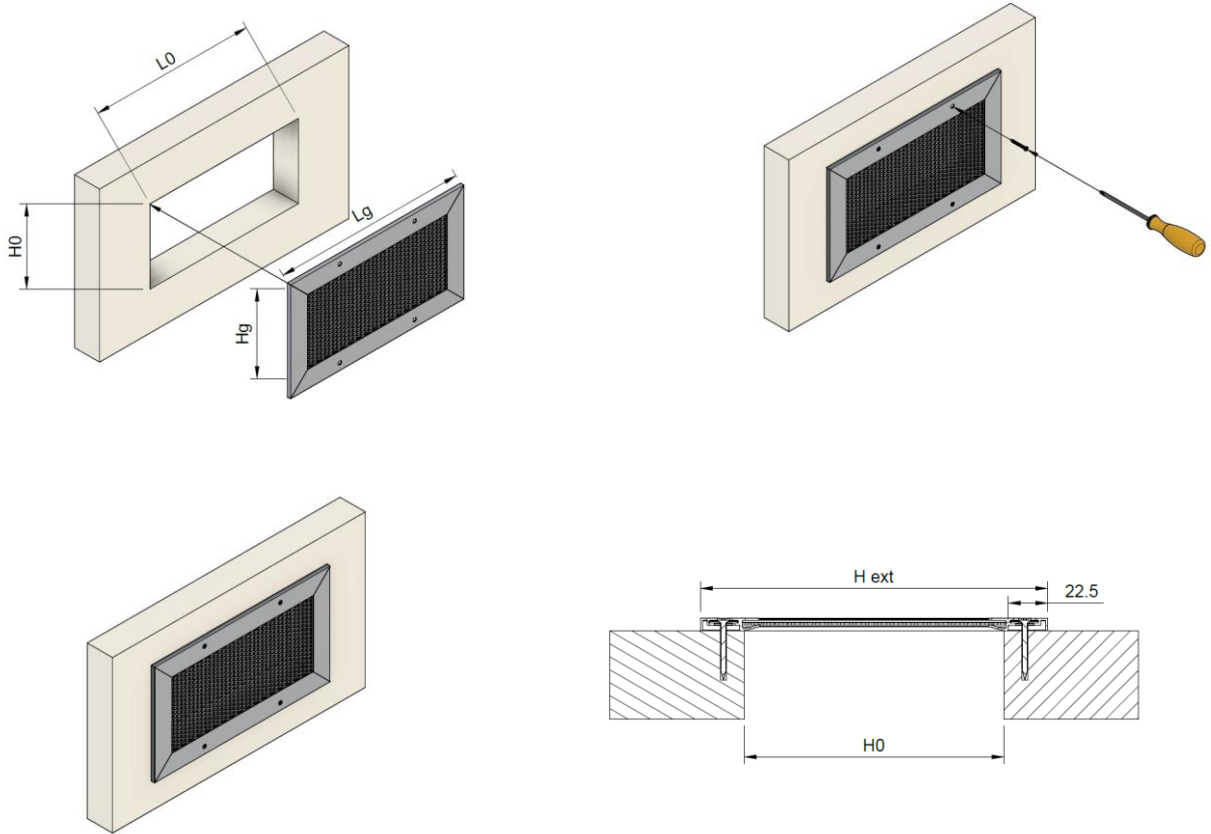
### Functional parameters

L x H ext [mm]	Discharge area Ak [m <sup>2</sup> ]									
	100	200	300	400	500	600	700	800	900	1000
100	-	0.0024	0.0042	0.0060	0.0078	0.0095	0.0113	0.0131	0.0149	0.0167
200	0.0024	0.0097	0.0170	0.0243	0.0315	0.0388	0.0461	0.0534	0.0607	0.0680
300	0.0042	0.0170	0.0298	0.0425	0.0553	0.0681	0.0809	0.0937	0.1065	0.1193
400	0.0060	0.0243	0.0425	0.0608	0.0791	0.0974	0.1157	0.1340	0.1523	0.1706
500	0.0078	0.0315	0.0553	0.0791	0.1029	0.1267	0.1505	0.1743	0.1981	0.2219
600	0.0095	0.0388	0.0681	0.0974	0.1267	0.1560	0.1853	0.2146	0.2439	0.2732
700	0.0113	0.0461	0.0809	0.1157	0.1505	0.1853	0.2201	0.2549	0.2897	0.3245
800	0.0131	0.0534	0.0937	0.1340	0.1743	0.2146	0.2549	0.2952	0.3355	0.3758
900	0.0149	0.0607	0.1065	0.1523	0.1981	0.2439	0.2897	0.3355	0.3813	0.4271
1000	0.0167	0.0680	0.1193	0.1706	0.2219	0.2732	0.3245	0.3758	0.4271	0.4784

## Installation

The product can be applied to the ceiling, wall, rectangular duct or dampers.

### Installation in wall/ceiling with screws



## Order code

Example on how to place an order

Type	Dimensions	Finish
RP		
On request		
<b>RAL9016</b>		
<b>RAL..-</b>	Other RAL colors on request	