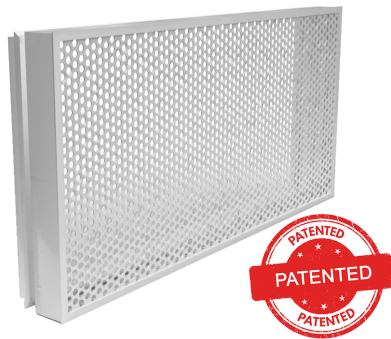


# EGFF Perforated grilles without frame



## Description

Air supply and exhaust grilles with perforated panel.

## Characteristics

Aluminium perimeter frame.

Galvanised steel panel Finish: painted white RAL 9016.

Installation: fastening with brackets.

The perforated mesh is made according to the following specifications:

- 60° alternating round holes;
- empty/full ratio 46%;
- diameter of holes 5mm;
- distance between centres 7mm.

## Use

For air exhaust in rooms.

For flush installation for 12.5 mm thick plasterboard walls.

For flush installation for masonry walls.

For extraction and supply on fan coil cabinet.

## Accessories

SC - Galvanised steel regulation damper with blades with opposing movement.

## On request

Painting in different RAL colours;

## Effective Cross-section

| H   | L                            |       |       |       |       |       |
|-----|------------------------------|-------|-------|-------|-------|-------|
|     | 400                          | 500   | 600   | 800   | 1000  | 1200  |
|     | Effective Cross-Section (m2) |       |       |       |       |       |
| 75  | 0,012                        | 0,015 | 0,018 | 0,024 | 0,030 | 0,036 |
| 100 | 0,016                        | 0,021 | 0,025 | 0,033 | 0,041 | 0,049 |
| 125 | 0,020                        | 0,025 | 0,030 | 0,040 | 0,050 | 0,060 |
| 150 | 0,025                        | 0,031 | 0,037 | 0,490 | 0,060 | 0,074 |
| 200 | 0,033                        | 0,041 | 0,050 | 0,067 | 0,084 | 0,100 |
| 300 | 0,050                        | 0,064 | 0,077 | 0,103 | 0,129 | 0,155 |
| 400 | 0,068                        | 0,086 | 0,104 | 0,139 | 0,174 | 0,206 |

Operating Data

- V<sub>k</sub>: effective speed (m/s).
  - m<sup>3</sup>/h: flow rate.
  - L: width. H: height.
- All measurements are expressed in mm.

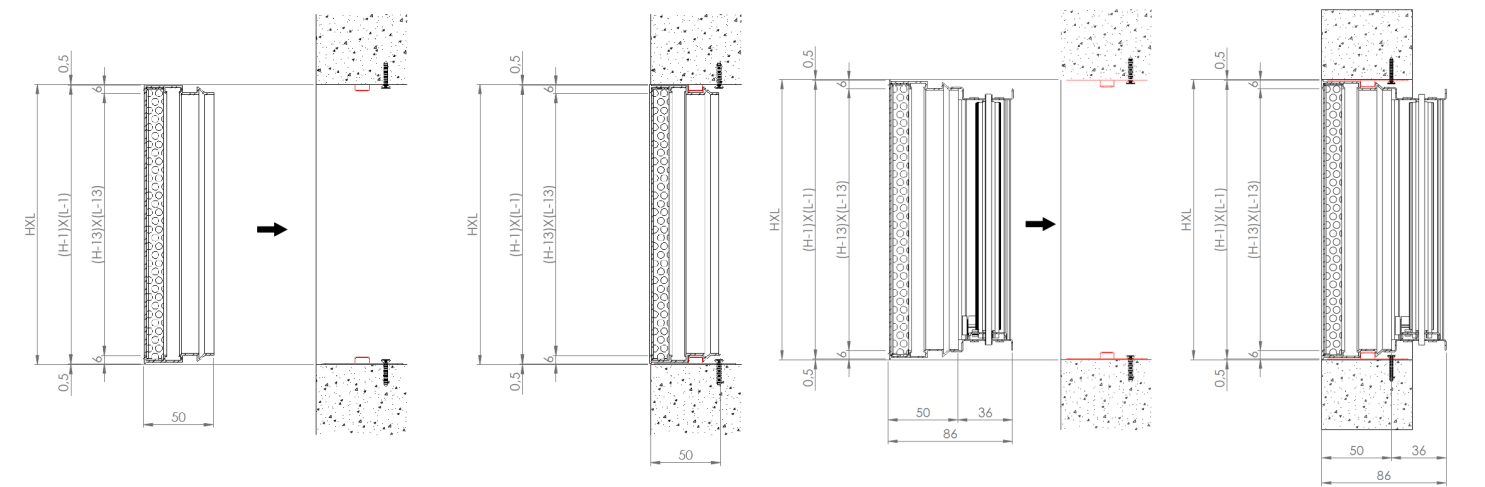
| H   | V <sub>k</sub><br>m/s | L                           |      |      |      |      |      |
|-----|-----------------------|-----------------------------|------|------|------|------|------|
|     |                       | 400                         | 500  | 600  | 800  | 1000 | 1200 |
|     |                       | Flow Rate m <sup>3</sup> /h |      |      |      |      |      |
| 75  | 2                     | 86                          | 108  | 130  | 173  | 216  | 259  |
|     | 3                     | 130                         | 162  | 194  | 259  | 324  | 389  |
|     | 4                     | 173                         | 216  | 259  | 346  | 432  | 518  |
| 100 | 2                     | 118                         | 148  | 177  | 236  | 295  | 354  |
|     | 3                     | 177                         | 221  | 266  | 354  | 443  | 531  |
|     | 4                     | 236                         | 295  | 354  | 472  | 590  | 708  |
| 125 | 2                     | 144                         | 180  | 216  | 288  | 360  | 432  |
|     | 3                     | 216                         | 270  | 324  | 432  | 540  | 648  |
|     | 4                     | 288                         | 360  | 432  | 576  | 720  | 864  |
| 150 | 2                     | 177                         | 221  | 266  | 354  | 443  | 531  |
|     | 3                     | 266                         | 332  | 399  | 531  | 664  | 797  |
|     | 4                     | 354                         | 443  | 531  | 708  | 886  | 1063 |
| 200 | 2                     | 238                         | 295  | 360  | 482  | 605  | 726  |
|     | 3                     | 356                         | 443  | 540  | 724  | 907  | 1089 |
|     | 4                     | 475                         | 590  | 720  | 965  | 1210 | 1452 |
| 300 | 2                     | 360                         | 461  | 554  | 742  | 929  | 1115 |
|     | 3                     | 540                         | 691  | 832  | 1112 | 1393 | 1672 |
|     | 4                     | 720                         | 922  | 1109 | 1483 | 1858 | 2229 |
| 400 | 2                     | 490                         | 619  | 749  | 1001 | 1253 | 1486 |
|     | 3                     | 734                         | 929  | 1123 | 1501 | 1879 | 2229 |
|     | 4                     | 979                         | 1238 | 1498 | 2002 | 2506 | 2972 |

Noise Level dB(A) - Pressure Drop (Pa)

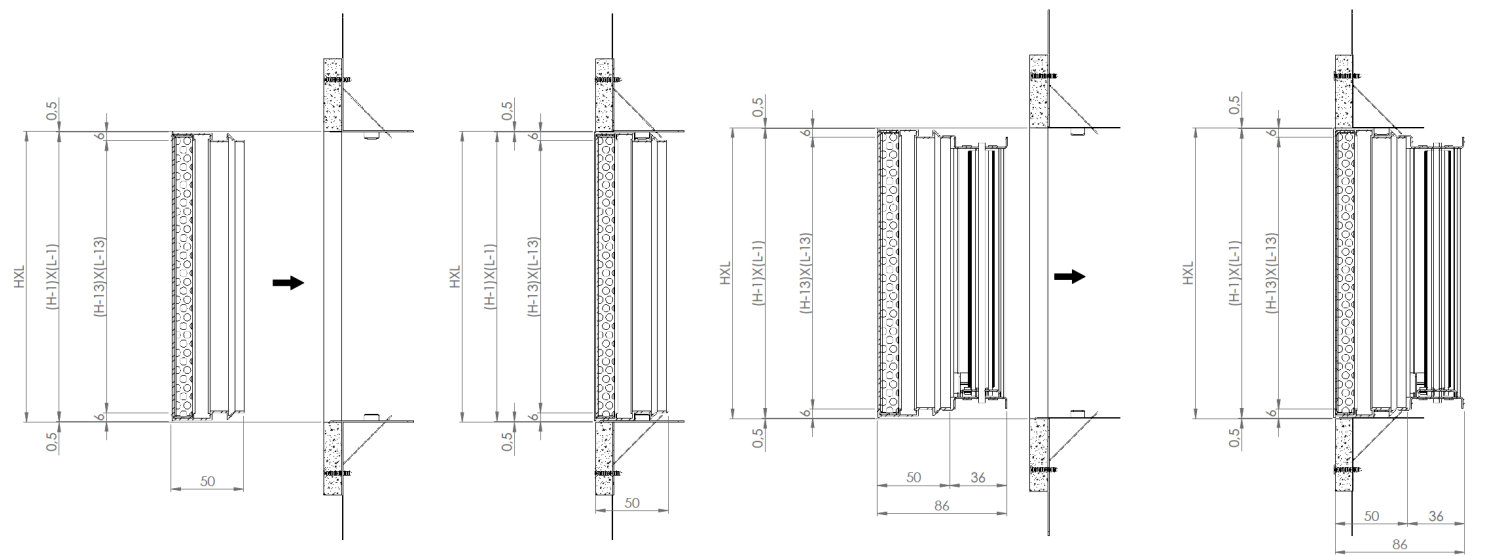
| V<br>m/s | dB(A) | Pa |
|----------|-------|----|
| 2        | 15/20 | 18 |
| 3        | 22/28 | 40 |
| 4        | 38/42 | 70 |

EGFF - Dimensions with and without damper on masonry wall

For installation you need the fixing kit consisting of 4 brackets supplied with the article.  
N.B. for installation on a masonry wall, the heights 75 mm, 100 mm are not available.



EGFF - Dimensions with and without damper on plasterboard wall



Accessories

| SC - Volume Damper                                                                                                                                                                                                                                                                                                                                        | Photo |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|
| <p>This accessory allows the airflow supplied through the diffuser to be reduced, ensuring accurate airflow balancing. The damper is attached to the diffuser using the clips supplied with the diffuser. Opposed-blade balancing damper manufactured from galvanized steel.</p> <p>Maximum one-piece construction dimensions (L × H): 1000 × 600 mm.</p> |       |

Price List

| Dimensions LxH | EGFF   | SC - Serranda di taratura |
|----------------|--------|---------------------------|
|                | €      | €                         |
| 400x75         | 49,25  | 18,44                     |
| 500x75         | 55,13  | 22,01                     |
| 600x75         | 61,06  | 25,18                     |
| 800x75         | 71,53  | 31,65                     |
| 1000x75        | 81,93  | 38,83                     |
| 1200x75        | 98,32  | 50,35                     |
| 400x100        | 49,25  | 18,44                     |
| 500x100        | 55,13  | 22,01                     |
| 600x100        | 73,26  | 25,18                     |
| 800x100        | 71,53  | 31,65                     |
| 1000x100       | 81,93  | 38,83                     |
| 1200x100       | 98,32  | 50,35                     |
| 400x125        | 52,40  | 21,28                     |
| 500x125        | 55,13  | 24,64                     |
| 600x125        | 61,06  | 28,08                     |
| 800x125        | 71,53  | 35,96                     |
| 1000x125       | 81,93  | 43,34                     |
| 1200x125       | 98,32  | 56,15                     |
| 400x150        | 59,09  | 21,28                     |
| 500x150        | 66,15  | 24,64                     |
| 600x150        | 73,26  | 28,08                     |
| 800x150        | 96,55  | 35,96                     |
| 1000x150       | 98,32  | 43,34                     |
| 1200x150       | 117,99 | 56,15                     |
| 400x200        | 78,80  | 26,32                     |
| 500x200        | 88,20  | 30,92                     |
| 600x200        | 97,70  | 35,62                     |
| 800x200        | 114,47 | 43,65                     |
| 1000x200       | 131,09 | 48,71                     |

|          |        |        |
|----------|--------|--------|
| 1200x200 | 157,32 | 71,24  |
| 400x300  | 92,68  | 36,84  |
| 500x300  | 104,12 | 40,56  |
| 600x300  | 115,26 | 44,34  |
| 800x300  | 135,94 | 53,79  |
| 1000x300 | 155,74 | 64,85  |
| 1200x300 | 198,82 | 88,67  |
| 400x400  | 106,57 | 42,19  |
| 500x400  | 120,99 | 50,96  |
| 600x400  | 134,59 | 54,78  |
| 800x400  | 158,50 | 67,03  |
| 1000x400 | 182,12 | 79,54  |
| 1200x400 | 218,55 | 109,56 |

## Replacement Fixing Kit

For installation you need the fixing kit consisting of 4 brackets.

| Description      | €     |
|------------------|-------|
| Installation kit | 30,90 |