



# FOZ

## Undulating metal filter





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### Versions

#### FOZ (standard version)

With galvanised sheet metal frame and arc welded galvanised grilles, mesh size 12x12, tubular galvanised woven wire mesh filter medium

### General features

FOZ filters comprise a galvanised sheet metal frame and tubular galvanised woven mesh filter medium held between two arc welded galvanised grilles, mesh size 12x24.

The filter medium used in the FOZ filter generates extremely low headlosses.

Filters can also be produced with thickness 98/100 mm

### Application

Rough pre-filtration of dust and coarse pollutants suspended in the air. Filtration of oil mists

### Conditions of use and cleaning

Maximum operating temperature: 200 °C

Recommended flow speed through filtration medium: 1.5-2.5 m/s

Maximum final headloss for filter replacement: 250 Pa

Filters can be cleaned with air. Do not clean with water or substances which may attack the galvanised steel plate.

### Filtering surface area

Filter  
thickness

Multiplication  
factor

#### Example

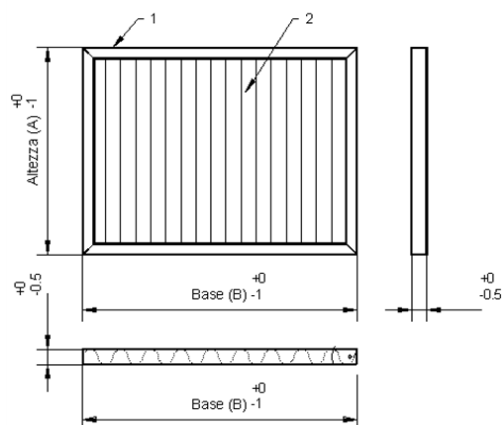
The FOZ filter of 592x592x98 has a filtering surface area three times the panel area, i.e. about 1 m<sup>2</sup>

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|    |   |
|----|---|
| 48 | 2 |
| 98 | 3 |

### Dimensions



#### Key

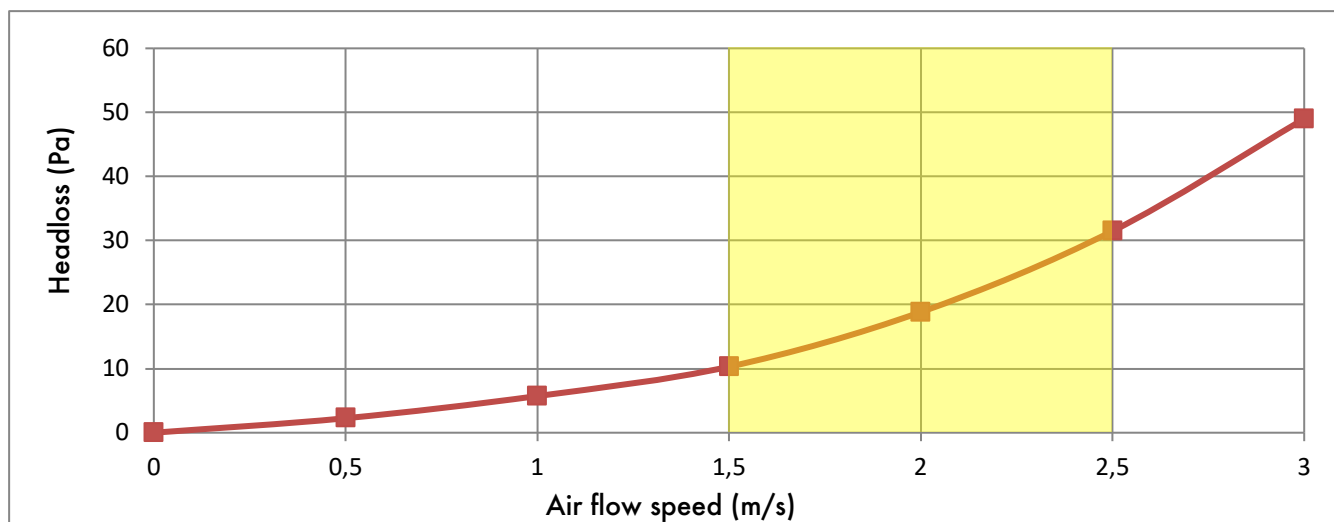
- 1) Galvanised sheet steel frame
- 2) Arc welded galvanised micro-stretched retainer grilles, mesh size 12x12
- 3) Multi-ply galvanised tubular mesh filtration medium

#### Specification data

Specification data for order

- Quantity
- Base (B)
- Height (A)
- Thickness (Sp) – Standard thickness 48

### Filter medium headloss graph



#### Recommended field of application

Remember that the figures provided are purely guideline.