

FA7 - FA8

Absolute filters for laminar flows



Product

FA7 e FA8

Material

Anodized extruded aluminium

Filter media

Flame-retardant water-repellent glass microfibre, reinforced multilayer structure

SPECIFICATIONS

Absolute filters for laminar flows, model FA7 (D. 68 mm) and FA8 (D. 78 mm), built with anodized extruded aluminium frame and flame-retardant water-repellent glass microfibre filter media with multilayer structure.

FUNCTIONS

Terminal stage of lower efficiency filter banks.

APPLICATIONS

FA7 and FA8 series absolute filters are used in controlled contamination environments with unidirectional flows. They allow the creation of filter ceilings or walls.

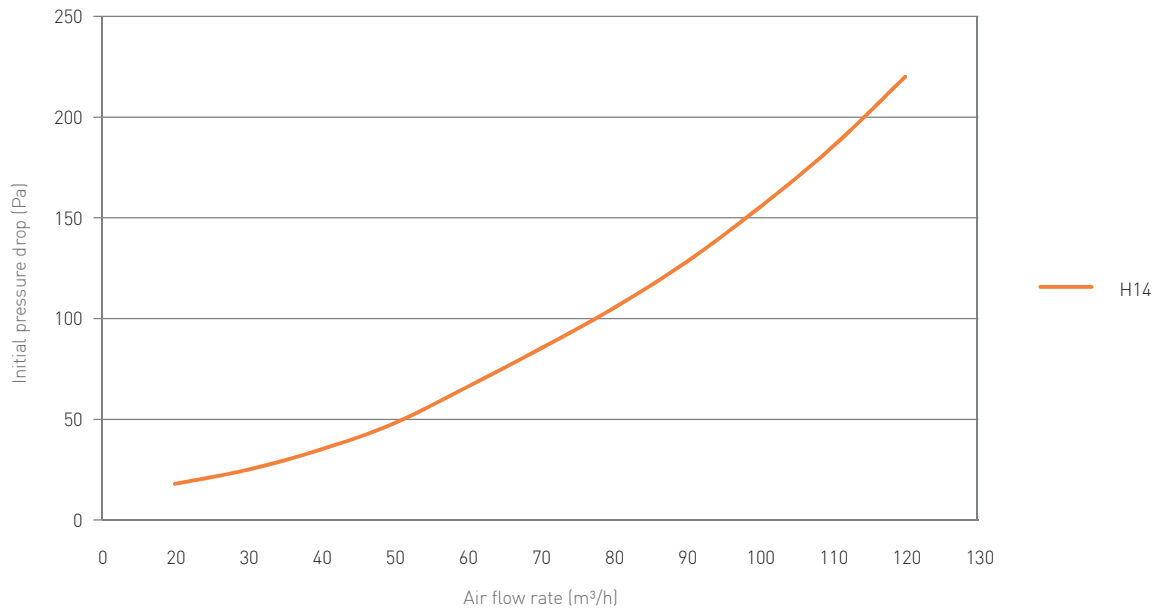
TECHNICAL CHARACTERISTICS FA7 – FA8

| | |
|---|---------|
| Regenerability | No |
| Efficiency on 0.3 m DOP according to EUROVENT 4/4 | ≥99,995 |
| Class EN 1822 | H14 |
| Initial pressure drop | 110 |
| Recommended final pressure drop (Pa) | 600 |
| Maximum pressure drop (Pa) | 1000 |
| Limit temperature value (°C) | 80 |
| Relative humidity (%) | 100 |



PERFORMANCE CURVE

FPA7- FA8



INSTALLATION

FA7 and FA8 model filter installation takes place within dedicated terminals or in dedicated housings in case of exhaust air contaminated by toxic substances.

MAINTENANCE

This type of filter is not regenerable, therefore complete filter replacement is recommended when the recommended final pressure drop is reached.

DISPOSAL

FA7 and FA8 filters use materials that can be completely incinerated/disposed of without the emission of any toxic gas.

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FA7 DIMENSIONS

| Model | Dimensions W x H x D mm | Flow rate nominal m ³ /h | Surface filter m ² |
|-------|-------------------------------|---|-------------------------------------|
| FA7 | 305 x 305 x 68 | 150 | 2,8 |
| | 305 x 610 x 68 | 300 | 5,5 |
| | 457 x 305 x 68 | 225 | 4,2 |
| | 457 x 457 x 68 | 335 | 6,3 |
| | 457 x 610 x 68 | 450 | 8,4 |
| | 545 x 545 x 68 | 430 | 8,0 |
| | 545 x 1155 x 68 | 900 | 17,0 |
| | 610 x 610 x 68 | 600 | 11,3 |
| | 610 x 915 x 68 | 900 | 16,9 |
| | 610 x 1219 x 68 | 1200 | 22,5 |

FA8 DIMENSIONS

| Model | Dimensions W x H x D mm | Flow rate nominal m ³ /h | Surface filter m ² |
|-------|-------------------------------|---|-------------------------------------|
| FA8 | 305 x 305 x 78 | 150 | 3,3 |
| | 305 x 610 x 78 | 300 | 6,7 |
| | 457 x 305 x 78 | 225 | 5,0 |
| | 457 x 457 x 78 | 335 | 7,5 |
| | 457 x 610 x 78 | 450 | 10,0 |
| | 545 x 545 x 78 | 430 | 10,0 |
| | 545 x 1155 x 78 | 910 | 21,0 |
| | 610 x 610 x 78 | 600 | 13,5 |
| | 610 x 915 x 78 | 900 | 17,0 |
| | 610 x 1219 x 78 | 1200 | 22,0 |