



BioCel® BF

High Quality HEPA Filter For Industrial HVAC Systems

- Classified H10 in accordance with EN1822
- Robust construction
- Low resistance to airflow
- High operating temperature: 150 °C
- High airflow capacity: 3000 m³/h
- Low resistance to airflow
- Suitable for front, rear and side access systems

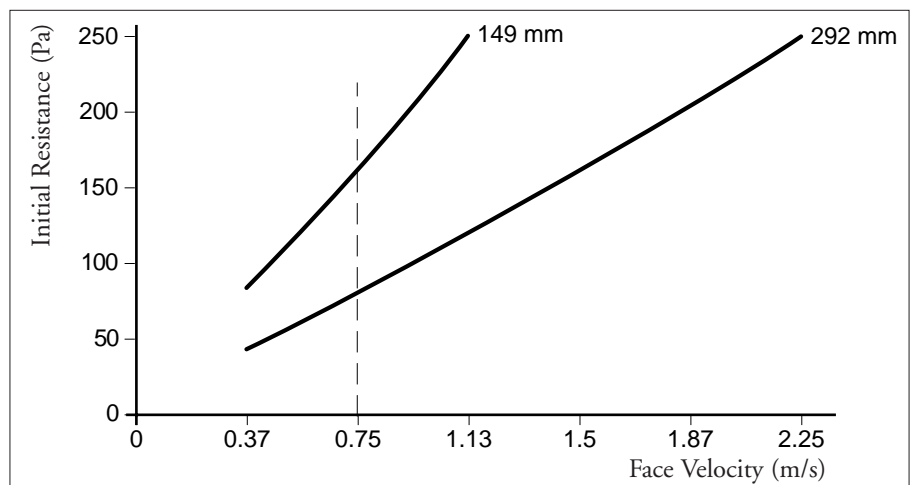


As a H10 EN1822 classified filter, BioCel BF can be used to upgrade an existing non-HEPA installation into a HEPA installation. Made of robust materials this filter is designed for high temperature applications upto 150°C. To ensure a sturdy construction, the filter's header and cell sides are inter-locked. No adhesives or sealants are used. Rigidity is further enhanced by two support bars on the air leaving side.

With an airflow capacity range of 3000 m³/h BioCel BF can also be used in high air volume applications. This high capacity feature offers many benefits: in new installations, fewer filters are required to handle the same volume of air compared to filters of the same size with a lower capacity. As a result, installation space is significantly reduced. In existing

installations, BioCel BF offers low media resistance which reduces running costs. The filter is easy to install in front, rear and side access systems.

Resistance vs Face Velocity





Technical Data

Size (mm)	Classification EN1822	Low Airflow m ³ /h	Initial Resistance (Pa)	High Airflow m ³ /h	Initial Resistance (Pa)	Efficiency* % @ 0.3 µm	Media Area m ²
594 x 594 x 292	H10	2000	165	3000	250	95	13.7
594 x 594 x 149	H10	1000	165	1500	250	95	6.4

* Efficiency % @ MPPS > 85%

Technical Data Standard Execution

Dimensions	: 594 x 594 x 292 mm, 594 x 594 x 149 mm
Media	: Submicron glass fibres formed into high density paper
Cell sides	: Sendzimir coated steel
Separators	: Corrugated aluminium
Support bars	: 2 x air leaving side
Disposal	: Landfill
Temperature limit	: 150 °C
Style code	: BF-2424-12AM, resp. BF-1224-6AM

Note: Non-standard sizes and executions available upon request

AAF-International B.V.
P.O. Box 7928
1008 AC Amsterdam
The Netherlands
Tel.: + 31 20 549 44 11
Fax: + 31 20 644 43 98

International AAF Offices:
Vienna (A), Montreal (CDN), Dortmund (D),
Vitoria (E), Paris (F), Cramlington (GB),
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