

BioCel[®] III 4000

HIGH CAPACITY HEPA FILTER



Features and Benefits

- E11 classification in accordance with EN1822:2009
- 4000 m³/h air capacity
- Low energy consumption
- Long service life

The BioCel III filter is classified E11 in accordance with EN1822:2009 and is designed for high air volume installations. As such, it is the ideal filter for upgrading a non-HEPA HVAC installation into a HEPA installation while increasing the airflow through the system.

Due to its 4000 m³/h capacity, the BioCel III filter is ideal for new installations, since fewer filters are required to handle the same volume of air compared to HEPA filters of the same size with a lower capacity.

As a result, less installation space is required, and installation time is significantly reduced. In replacement situations, the BioCel III filter offers a low pressure drop that reduces energy costs and prolongs service life. Typical areas of application include clean areas in the pharmaceutical, microelectronic and healthcare industries.

Temperature limit is: 70 °C.

BioCel® III 4000 Filter

Specification

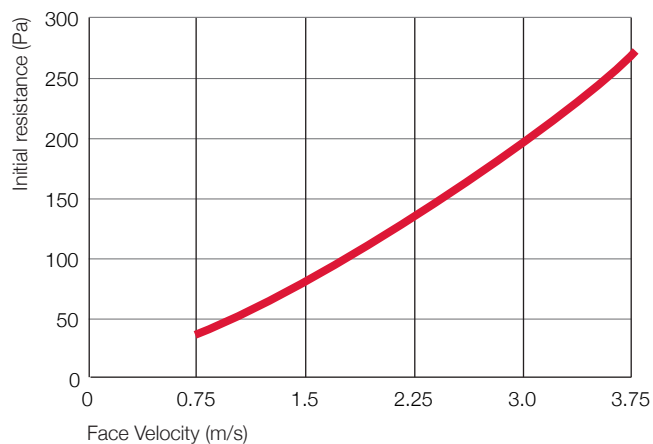
Dimensions	610 x 610 x 292 mm
Media	Submicron glass fibres formed into high density paper
Cell side	Sendzimir coated steel
Separators	Thermoplastic ribbon
Bond	Cold cured resin
Gasket	One piece gasket
Disposal	Landfill
Temperature limit	70 °C
Style code	A39D05C9S2F0

Non-standard sizes and executions available upon request

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
610x610x292	E11	3000	150	4000	200	98	33,6

Resistance vs Face Velocity



BioCel® is a registered trademark of AAF International in the U.S. and other countries.



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