



# BioCel® III 4000

High Capacity HEPA Filter

- H11 classification in accordance with EN1822
- 4000 m<sup>3</sup>/h air capacity
- Low energy consumption
- Long service life

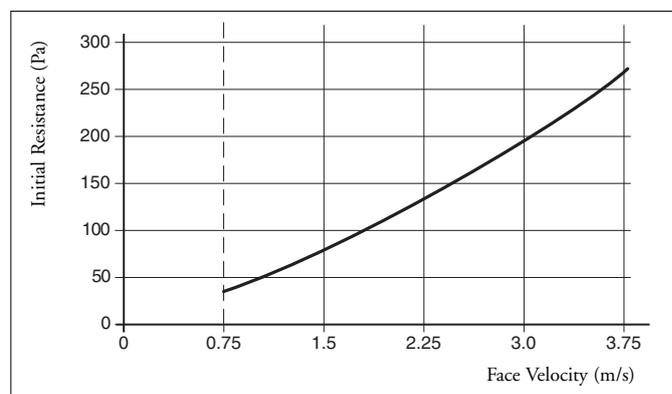


BioCel III is classified H11 in accordance with EN1822 and is designed for high air volume installations. As such it is the ideal filter for upgrading a non-HEPA HVAC installation into a HEPA installation while increasing the airflow through the system. Due to their 4000 m<sup>3</sup>/h capacity, BioCel III 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, BioCel III offers a low pressure drop which 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.

## Resistance vs Face Velocity





# BioCel® III 4000

## Technical Data

Size (mm)	Classification EN1822	Low Airflow m <sup>3</sup> /h	Initial Resistance (Pa)	High Airflow m <sup>3</sup> /h	Initial Resistance (Pa)	Efficiency* % @ 0.3 µm	Media Area m <sup>2</sup>
610 x 610 x 292	H11	3000	150	4000	200	98	33.6

\* Efficiency % @ MPPS > 95%

## Technical Data Standard Execution

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

**Note:** Non-standard sizes and executions available upon request

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