

# Bio HEPA

High quality HEPA filter for industrial HVAC systems



- ➔ Classified H 10 in accordance with EN 1822
- ➔ 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

## Technical data:

Filter Bio HEPAs are for use in semi-critical locations and are tested 95% to 0.3 micron. All filters are individually tested as H 10 EN 1822 classified filters.

Bio HEPA 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 interlocked. No adhesives or sealants are used. Rigidity is further enhanced by two support bars on the air leaving side.

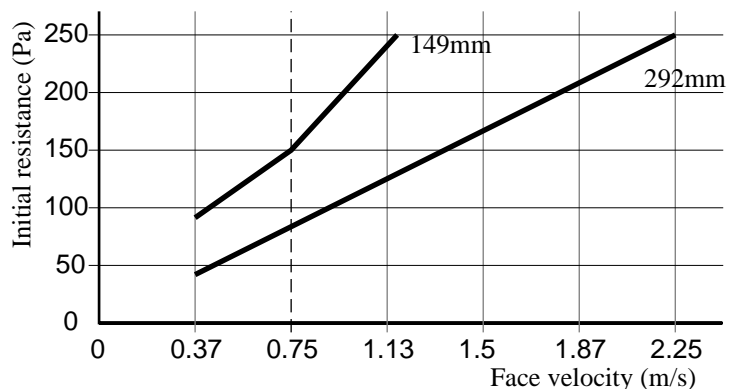
With an airflow capacity range of 3000 m/h Bio HEPAs can also be used in high air volume applications. This high capacity feature offers many benefits: in new installations, fewer filters are required to handle the same volume of air compared to filters of the same size with a lower capacity. As a result, installation space is significantly reduced. In existing installations, Bio HEPAs offers low media resistance which reduces running costs.

The filter is easy to install in front, rear and side access systems.

- Dimensions:** 594 x 594 x 292, 594 x 594 x 149mm
- Media:** Submicron glass fibres formed into high density paper
- Cell sides:** Galvanised steel
- Separators:** Corrugated aluminium
- Disposal:** Landfill
- Temp limit:** 150 degrees celsius

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

## Resistance vs face velocity



## Technical data:

Part no.	Size (mm)	Classification	Capacity l/sec	Initial res. Pa.	Efficiency % @ 0.3 um
	W x H x D				
6-0050	297 x 595 x 150mm	H10	472	280	95
6-0051	595 x 595 x 150mm	H10	944	280	95
6-0052	297 x 595 x 292mm	H10	472	240	95
6-0053	595 x 595 x 292mm	H10	944	240	95



Due to on-going product development, Filterfit reserves the right to change design and specifications without notice