

DOMINIQUE DUTSCHER SAS

Whatman™ HEPA-Cap vent filters

High-retention and high flow-rate glass fiber filters used to remove particulates from air and gases.

Overview

Whatman™ HEPA-CAP vent filters are high-retention and high flow-rate glass fiber filters that are commonly used in both research and industry to remove particulates from air and gases.

- Typical retention efficiency: 99.97% of all particles ≥ 0.3 µm in air
- Depth filter design: allows for high loading capacity and bi-directional flow
- Repeatedly autoclavable: at 121°C for 20 minutes (132°C max)

High particle retention for high efficiency air and gas filtration

Whatman™ HEPA-CAP vent filters are used across scientific, research, and industrial environments in a variety of air and gas filtration applications that require high particle retention and the ability to capture dirt and debris at high flow rates.

In-line filter capsules are particularly suitable for sterile venting of fermenters or reaction vessels to prevent airborne particles from entering or exiting the vessel. They are also well suited for tissue culture, in-line filtration, and prefiltration for suction or to serve gas in-line filters.

The Whatman™ HEPA-CAP vent filter glass fiber filter media is strengthened by dual lamination with a tough polyester monofilament. The filters are pleated to maximize surface area for high particle retention and high flow rate. The filters are available in a range of different sizes, formats and end fittings.

Product specifications
Whatman™ HEPA-Cap 75 mm vent filter, ⅜ in. FNPT inlet and outlet (5/Pk)

Catalog code	2709T
Effective filtration area	1240 cm²

Filter media	Glass microfiber (GMF)
Housing material	Polypropylene (PP)
Inlet/outlet connections	FNTP 3/8 in.
Operating pressure max.	4.1 bar (60 psi)
Pack size	5/Pk
Flow direction	Bidirectional
Housing and support	Polypropylene (PP)
Aerosol particulate retention	99.97% retention of all particles ≥ 0.3 µm
Biological safety	Materials pass USP Class VI
Length	75 mm
Maximum operating temperature	Ambient
Sealing technology	Heat-fused
Sterility	Autoclavable: 121ºC (250ºF) for 20 minutes at 0.1 MPa (1.0 bar, 15 psi)
Support system	Polypropylene (PP)

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