

HEPA-CAP

High efficiency particulate air (HEPA) filter media is used throughout the scientific, research, and industrial environments in a variety of air and gas filtration applications. The Whatman HEPA-CAP device provides high retention, dirt holding capacity, and flow rates for these application areas.

HEPA-CAP high performance features

- Can be sterilized by autoclaving with steam or ethylene oxide (EtO)
- Glass filter media strengthened by dual lamination with a tough polyester monofilament
- Manufactured in clean room facilities under ISO Quality Systems
- Durable polypropylene housing
- Depth filter design allows high loading capacity
- Retains 99.97% of all particles $\geq 0.3 \mu\text{m}$ in air

Applications

- Particle removal from gases

Sample Type

- Gases

The design of the depth filter gives a high flow rate and low pressure drop ensuring clean air passes in and out of vessels. The HEPA-CAP device prevents bacterial, algal or fungal contamination in fermentors and incubators and is suitable for particle removal from air and gases; as a prefilter for suction; and for gas inline filtration.

Different sizes of capsules provide the flexibility required to filter various volumes of samples and to scale-up your project.

Please see the product selection guide on pages 14 to 15 for catalog numbers and the air flow rates on pages 16 to 17.

Related products

A range of disc filters is also available with a reduced filtration area for smaller sample volumes. Please contact whatmaninfo@ge.com for more information.



HEPA-CAP devices.

Technical specification

Housing:	Polypropylene
Filter media:	Laminated hydrophobically-treated GMF
Support system:	Polypropylene
Sealing:	Heat fused
Maximum pressure:	4.1 bar (60 psi)
Flow direction:	Bidirectional
Biosafety:	Materials pass USP Class VI
Sterilization:	Autoclavable
Filtration area:	36 mm capsule: 625 cm ² 75 mm capsule: 1300 cm ² 150 mm capsule: 2590 cm ²