

Filtration

filter units, venting



Filter units, venting, 50mm, HEPA-VENT™



Whatman
Part of GE Healthcare

Used for rapid filtration of air or gases for sterile applications.

An encapsulated glass microfibre filter in a polypropylene housing specifically designed as a High Efficiency Particulate Air filter (HEPA).

Although small, the unit is able to filter large volumes of air at low pressures and has a high loading capacity.

Technical Specification

Pressure [max.], bar	4.1
Retention, µm	99.97% of particles $\geq 0.3\mu\text{m}$
Dimensions, mm	53 x 46
Sterilisation method	Autoclavable to 121°C for 20 min
Connections	Stepped hose barb for 6mm to 10mm I.D.

Catalogue No	Legacy No	Alt. No	Description	Pack qty
10294151	-	6723-5000	HEPA-VENT™ 50mm disc, bidirectional	10



Filter units, venting, PolyVENT™

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Sterile venting of vessels and tanks.

- Retain $>10^7$ CFU/cm² *Brevundimonas diminuta* per ASTM F838-83 standards
- Hydrophobic 0.2µm PTFE membrane
- Pass the HIMA Challenge Test for Sterilising Grade and validated for 50 steam autoclave cycles; compatible with EtO
- Testable by Water Break Through (WBT) test or bubble point testing
- Pass USP Class VI biosafety tests for plastics

PolyVENT™ filter units are integral filter products for sterile venting of vessels and tanks. These devices are constructed from a single, standardised set of materials – PTFE membranes and polypropylene housing – to simplify the approval process. Maximum pressure: 2bar (forward direction).

PolyVENT™ 4 connections: female luer lock inlet, male luer slip outlet

PolyVENT™ 16 connections: stepped hosed barb for 6mm to 10mm I.D.

Catalogue No	Legacy No	Alt. No	Type	Pack qty
10100631	-	6713-0425	PolyVENT™ 4, 25mm disc, bidirectional	50
10674721	-	6713-1650	PolyVENT™ 16, 50mm disc, bidirectional	10
11816942	-	6713-1651	PolyVENT™ 16, 50mm disc, bidirectional	100



Filter units, capsules, Carbon-Cap™

Whatman
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Carbon-Cap™ filter units are used to remove odours and oil mists from samples.

Filled with high purity, high efficiency, acid washed, granular activated carbon and a pleated High Efficiency Particulate Air (HEPA) filter. Retains 99.97% of particles greater than 0.3µm.

Excellent for laboratory instrument exhausts. Maximum pressure: 4.1bar.

Carbon-Cap™ connections: stepped hose barb for 10mm to 12mm I.D.

Catalogue No	Legacy No	Alt. No	Description	Dimensions, mm	Area
11934772	-	6704-7500	Carbon-Cap™ 75	96 x 66	26,000 (activated carbon, m ²)
10526921	-	6704-1500	Carbon-Cap™ 150	183 x 66	82,000 (activated carbon, m ²)