

thermal comfort all flow ventilation
energy efficiency modern design
temperature heating
intelligent climate control
air-conditioning
high purity



We strongly believe that Supreme Purity is given even by a fresh and immaculate style of living.

At AERA, we proudly provide **HVAC PRODUCTS** especially designed for an ultimate experience.

Tactile. Visual. Olfactory.

HEPAFIL 69 - HEPA laminar flow filter

- HEPA & ULPA Filters



Clean Room Components

PRODUCTS CATALOGUE



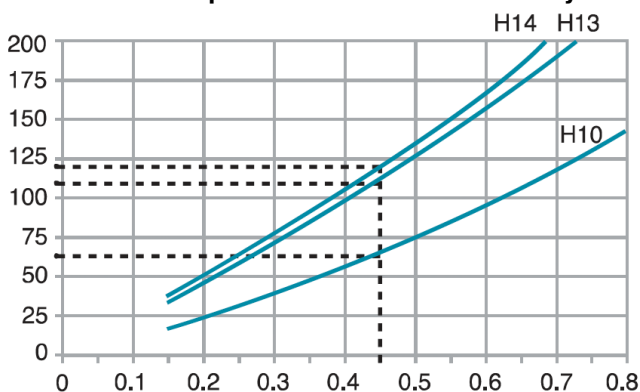
HEPAFIL 69 - HEPA laminar flow filter

The absolute filters of the HEPAFIL series thanks to their good construction and the strict tests during and at the end of the production, can be used in clean rooms for laminar flows with low turbulence. These filter elements have a low pressure drop and a uniformity of the flow with velocity $\pm 5\%$ of the average value.

Technical data:

Type	Dimensions W x H x D	Air Flow m ³ /h	Δp Pa	Media area m ²
HF-ARM-3.03-H11	305 x 305 x 69	150	70	2.5
HF-ARM-4.04-H11	457 x 457 x 69	340	70	5.6
HF-ARM-3.06-H11	305 x 610 x 69	300	70	5
HF-ARM-6.06-H11	610 x 610 x 69	600	70	10
HF-ARM-6.07-H11	610 x 762 x 69	750	70	12.3
HF-ARM-6.09-H11	610 x 914 x 69	900	70	15
HF-ARM-6.12-H11	610 x 1220 x 69	1200	70	20.5
HF-ARM-3.03-H13	305 x 305 x 69	150	110	2.5
HF-ARM-4.04-H13	457 x 457 x 69	340	110	5.6
HF-ARM-3.06-H13	305 x 610 x 69	300	110	5
HF-ARM-6.06-H13	610 x 610 x 69	600	110	10
HF-ARM-6.07-H13	610 x 762 x 69	750	110	12.3
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Pressure drop as a function of the face velocity

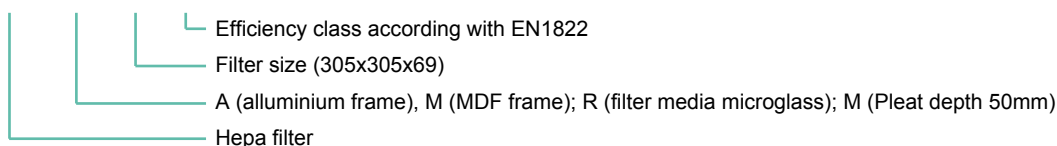


Suggested final pressure drop ≤ 600 Pa
Maximum pressure drop ≤ 1000 Pa

Face velocity [m/s]

Ordering key

HF69 ARM 3.03 H13



APPLICATIONS

- Clean rooms class ISO 5 and higher in accordance with the standard ISO 14644-1 for pharmaceutical, food, photographic, electronic industries, laboratories and hospitals. Laminar flow applications.

FILTER MEDIA

- Glass fibre paper, folded with constantly calibrated spacing using thermoplastic threads.

FRAME

- Extruded anodised aluminium and MDF. Protection screens composed of stretched steel meshes with epossidic white painting.

SEALER

- A polyurethane resin guarantees the seal between the filter pack and the frame.

GASKET

- Single piece of cold expanded elastomeric semi-circular gasket to guarantee a perfect seal.

OPERATING RANGE

- Continuous operating temperature: 80°C
- Relative humidity: 100%

FINAL PRESSURE DROP

- Recommended for filter replacement: 400 Pa
- Maximum pressure drop, allowable: 600 Pa

TEST SPECIFICATION

- Each filter is individually tested according with EN 1822



Air Distribution Systems
Heating and Cooling Systems
Fire Protection Components
Clean Room Components

Fan Units

We provide a complete range of HVAC systems:
our solutions will fit your unique and custom needs!
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