

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 292 - High capacity HEPA filter

- HEPA & ULPA Filters



Clean Room Components

PRODUCTS CATALOGUE



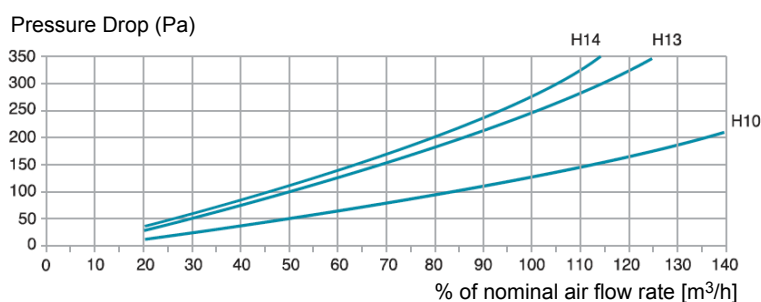
HEPAFIL 292 - High capacity HEPA filter

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. Typical applications for absolute air filtration in ducted systems. They can be used as a valid alternative of the traditional deep folded filters.



Technical data:

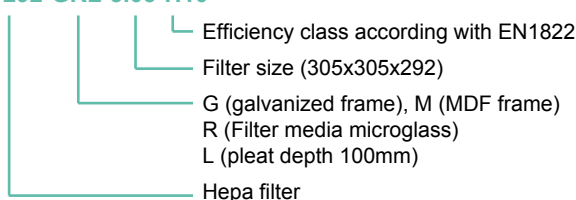
Type	Dimensions W x H x D	Air Flow m ³ /h	Δp Pa	Media area m ²
HF-GRL-3.03-H10	305 x 305 x 292	550	125	5.5
HF-GRL-4.04-H10	457 x 457 x 292	1300	125	12.5
HF-GRL-3.06-H10	305 x 610 x 292	1200	125	11.3
HF-GRL-6.06-H10	610 x 610 x 292	2400	125	22.5
HF-GRL-3.03-H13	305 x 305 x 292	550	250	5.5
HF-GRL-4.04-H13	457 x 457 x 292	1300	250	12.5
HF-GRL-3.06-H13	305 x 610 x 292	1200	250	11.3
HF-GRL-6.06-H13	610 x 610 x 292	2400	250	22.5
HF-GRL-3.03-H14	305 x 305 x 292	550	280	5.5
HF-GRL-4.04-H14	457 x 457 x 292	1300	280	12.5
HF-GRL-3.06-H14	305 x 610 x 292	1200	280	11.3
HF-GRL-6.06-H14	610 x 610 x 292	2400	280	22.5



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

Ordering key

HF292-GRL-3.03-H10



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

- MDF, Galvanized Steel or Stainless Steel.

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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