

FAN-FILTER UNITS

viledon®

EFFICIENT AIR FILTRATION IN CLEANROOMS

APPLICATION

- Intake, exhaust and recirculated air filtration of ventilation systems with the most stringent requirements for clean air and sterility
- Sophisticated air-conditioning applications (intensive care units of hospitals and medical institutes, labs, sterile rooms, etc.)
- In sensitive industrial processes (pharmaceuticals, biotechnology, chemicals, optics, food / beverages, micro-electronics, etc.)



MEDIA AND CONSTRUCTION CHARACTERISTICS

- Frame consists of extruded, anodized aluminum and a deep-drawn plastic plenum cast in an airtight configuration, with an integrated fan.
- Connection for measuring the raw-gas concentration and operating pressure drop, plus an operating light.
- Removable diffuser, fixed in place with tension closures, is made of perforated aluminum sheeting.
- Fan is driven by an AC motor (230 V, 50 – 60 Hz single-phase, 1.2 A/0.28 kW).
- Integrated electronic control system, equipped with a main switch and a heat protection.
- Solid and moisture-resistant construction.

FEATURES AND PLUSES

- Noise level amounts to < 75 dB (A) at maximum performance at a distance of 1.5 m below the filter element.
- Outflow velocity amounts to max. 0.6 m/s and depends on the filter efficiency involved.
- Clamping system allows a tool-free installation of a prefilter, prefilter panel is optional available.
- Suitable for Viledon HEPA / ULPA filters of filter classes H14 to U15 with aluminum frame.

The information or figures given are subject to tolerances due to normal production fluctuations. Our explicit written confirmation is required in each case for the correctness of the information. Subject to technical alterations. You will find instructions on how to handle and dispose of loaded filters in our information on product safety and eco-compatibility.

INNOVATING TOGETHER

Contact us

www.freudenberg-filter.com

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FILTRATION TECHNOLOGIES