

PTF 1200 - High Air-Flow Top Filter Fan



The needed cooling capacity for electric enclosures steadily rises due to increased packing density in general and increased amount of power electronics required.

But due to space constraints, there is not always the chance to combine several single filter fans. Since there have been no filterfans with such high air performance until now, many customers use cooling units in applications - with the associated high costs - although the use of filter fans would generally be possible.

This is why Pfannenber developed a **COMPACT TOP FILTER FAN SYSTEM** that provides more air at a higher ingress protection than any other on the market.

PRODUCT BENEFITS

- To enhance the idea of modularity, it will be possible to combine two units on a standard sized enclosure (2 x 300 mm width) and get an **unparalleled effective air-flow**. Equipment manufacturers who follow a scalable approach as well will have a one-design-meets-all solution.
- This system uses a strong, pressure resistant centrifugal EC-fan which offers several benefits:
 - Its **effective high pressure resistance** provides a steadily high airflow even when the filtermat begins to clog. This results in longer maintenance intervals.
 - **Energy efficiency** requirements from the new ERP directive are exceeded which gives the engineer security for the future.
 - **Low energy consumption** saves costs for the end-user.
 - The **service life** of the EC fan is significantly **increased** compared to the previously used AC fans.
- The all-metal sheet housing will provide a **better electro-magnetic-compatibility** than other top-mounted filter fans in the market.

TARGETED APPLICATIONS / INDUSTRIES

- Makers of power quality equipment (frequency converters, active harmonic filters, etc.)
- Manufacturers of drive systems
- Panel / cabinet builders



You would like to know more about the PTF 1200 Top filterfan? Please visit the [product website](#).

For further information, please visit our website www.pfannenberg.com or send us an email via the [contact request form](#).

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