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Depth filter

Depth filters are economically suitable for low mass concentrations up to an average concentration of 5 mg/m^3 ($5 \text{ mg/m}^3 = 120 \text{ g/day per } 1,000 \text{ m}^3/\text{h}$). Due to the dust fineness and low dust mass, the dust-laden filters are not cleaned and must be replaced. Depth filters are primarily used in ventilation and air conditioning and in process air technology.

Another often usage are safety filter stages (2. filter stage) for improvement of residual dust contents or for protection in case of a filter breakthrough of the upstream filter stage.

Depth filter

Cleaning		without
Typical parameter:	Residual dust concentration	0.001 - 5 mg/m^3
	Particle size distribution	mostly $> 0.1 - 100 \mu\text{m}$
	Temperature	$-40 - +400 \text{ }^\circ\text{C}$
	Separation efficiency	40 % - 99.999995 %
Filter media		Glas, PES, PP, paper like, wet laid fleece, composite products
Typical characteristics	Surface weight	50 - 600 g/m^2
	Steady differential pressure	20 - 500 Pa
Geometry		Filter mat, filter cell, compact filter, panel filter, cartridge filter, pocket filter

Market place

You find the market place for used filter units [here](#).

Downloads

You find all manuals PDF files [here](#).

Trade fairs

You find all upcoming fair dates [here](#).

Newsletter

Sign up here for our [newsletter](#) and make sure to receive free tickets for our trade fairs.

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