



RETROFIT & OEM →

PROVENTIA EMISSION CONTROL
FKDPF 18 / FKDPF 20



CLEAR IT UP!

→ PROVENTIA'S DIESEL PARTICULATE FILTERS

Proventia's DPF filters keep your engines running clean, above and below ground. Thousands of purifiers have already been installed and are in use with excellent results and a high degree of satisfaction.

Proventia's diesel particulate filters are used in buses, trucks and various work machines in retrofit and OEM installations. Proventia's filter solution provides one of a kind purification performance and is

extremely user-friendly.

Engines equipped with Proventia's DPF filters fulfill the most stringent regulations with an over 90% reduction of diesel particulates. Proventia's DPF is a passive filter utilizing

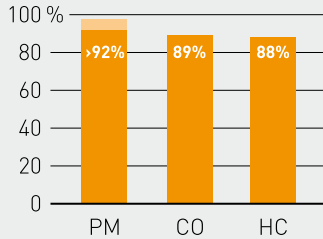
exhaust gas heat for continuous regeneration. The catalyst lowers the PM oxidation temperature, which allows the filter to regenerate without any additional additives or devices.



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Reduction performance



Proventia DPF filters

OPERATION PRINCIPLE

Proventia's unique filter technology combines two catalytic elements to achieve the best possible reduction performance. The first element oxidizes soluble organic fraction (SOF) emissions. The second element collects particulate matter (PM). Once the exhaust gas reaches an adequate level, the collected PM is oxidized and removed in a regeneration process.

BENEFITS

- Excellent reduction performance
- Simple structure for easy installation and maintenance
- Automatic monitoring system continuously checking back pressure and temperature

APPLICATIONS

- On-road vehicles (trucks and buses)
- Off-road work machines

SPECIFICATIONS

TYPE FKDPF 18

- Displacement: 7-10l
- Dimensions: 340 × 870mm
- Weight: 37kg

TYPE FKDPF 20

- Displacement: 10-14l
- Dimensions: 353 × 920mm
- Weight: 45kg

REQUIREMENTS

- 7% or more of the total engine operation with an exhaust temperature of 300°C or higher
- Use only low sulphur diesel fuel

