



REDUCTION ACTIVATED!

→ PROVENTIA'S ACTIVE DIESEL PARTICULATE FILTERS

Proventia's active DPF filters operate independently to cut emissions regardless of exhaust temperature or fuel quality.

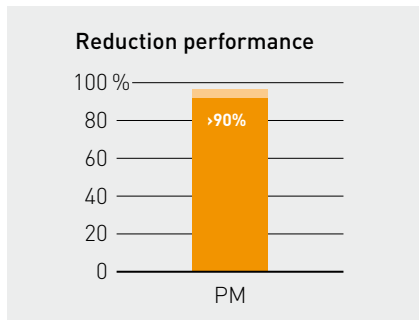
Whether your engine is running idle or heavily loaded, or you are using high or low sulphur fuel, DPF filters make sure that your engines run clean.

Proventia's active DPF filters

are used to cut emissions from on-road vehicles, such as buses and trucks, and off-road vehicles and machines.

Active DPF can be applied to a wide range of engines,

offering fleets a product that can be standardized across vehicles. Active DPF filters can be used in both retrofit and OEM installations.



Proventia's Active DPF Filters

OPERATION PRINCIPLE

The active DPF filter consists of two primary parts: a metal-filter (non-catalyzed) that collects particulate matter (PM) and a burner that burns the PM away. The monitoring system continuously measures the amount of the collected PM and determines when the filter is saturated and requires regeneration.

The monitoring system notifies the driver of when it is time to regenerate the filter. Regeneration initiates the burner to elevate the filter temperature to the required

level to burn the PM away. The whole regeneration process takes only ten minutes to finish.

BENEFITS

- Excellent reduction performance in all vehicle types and duty cycles
- No secondary emissions (no effect on NOx)
- Continuous feedback from the monitoring system ensures safety and system integrity
- Simple structure for easy installation and maintenance
- No vehicle power loss
- No exhaust temperature limitations

- Tolerant to different fuel qualities
- Minimized downtime

APPLICATIONS

- On-road trucks and buses
- Industrial and utility vehicles
- Off-road machines

SPECIFICATIONS

TYPE FKDPF-AM

- Displacement: 4-8l
- Dimensions: 263x963mm
- Weight: 45kg

TYPE FKDPF-AL

- Displacement: 8-12l
- Dimensions: 300x1000mm
- Weight: 65kg

