



KEEP IT RUNNING EVERYWHERE!

→ **PROVENTIA LEVEL 3 FILTER FOR AUXILIARY POWER UNITS**

Proventia's active regenerated filters for auxiliary power units (APUs) keep small diesel engines running and going clean.

Proventia's innovative EHDPF filters (Electrically Heated Diesel Particulate Filter) are designed for auxiliary power units used in tractors and other commercial vehicles. APUs

provide heating or cooling for, for instance, the driver's sleeper cab during downtime on the parking lot.

EHDPF filters keep your APUs running clean. With our

filters your APUs will even fulfil the stringent emission regulations of California. Proventia filters are tested both in laboratory and long-run field tests.



Proventia Level 3 Filters

BASIC OPERATION PRINCIPLE

Proventia's diesel particulate filter collects soot from the APUs engine exhaust. The filter regenerates itself by burning the collected soot using 12VDC electricity from the batteries. The daily operation and regeneration does not require any actions from the driver. After the regeneration the APU will restart again automatically, if needed, to provide air conditioning, heat or battery charging, for instance. The filter status light located in the sleeper compartment will

show a steady green light during the regeneration as a courtesy notification to the driver.

TECHNICAL ADVANTAGES

- All the components fulfil automotive standards
- Filter control interface communicates with the engine management system
- Integrated self-diagnostic system for service information
- Durable metal fiber filter media against thermal stresses
- Uses the most efficient way of electrically burning soot (metal fiber filter media as the heating element)

FULFILLING THE REGULATION

- PM Reduction over 85%
- CARB verification pending

USER-FRIENDLY FILTERS

- Easy to install
- Maintenance free
- Automatic regeneration

CASE GOING CLEAN

Since 2002 Proventia has supplied ten of thousands exhaust systems globally. Proventia's emission control devices have been installed in minibuses, trucks and other commercial vehicles. In the USA, we already have level 2+CARB verification.

