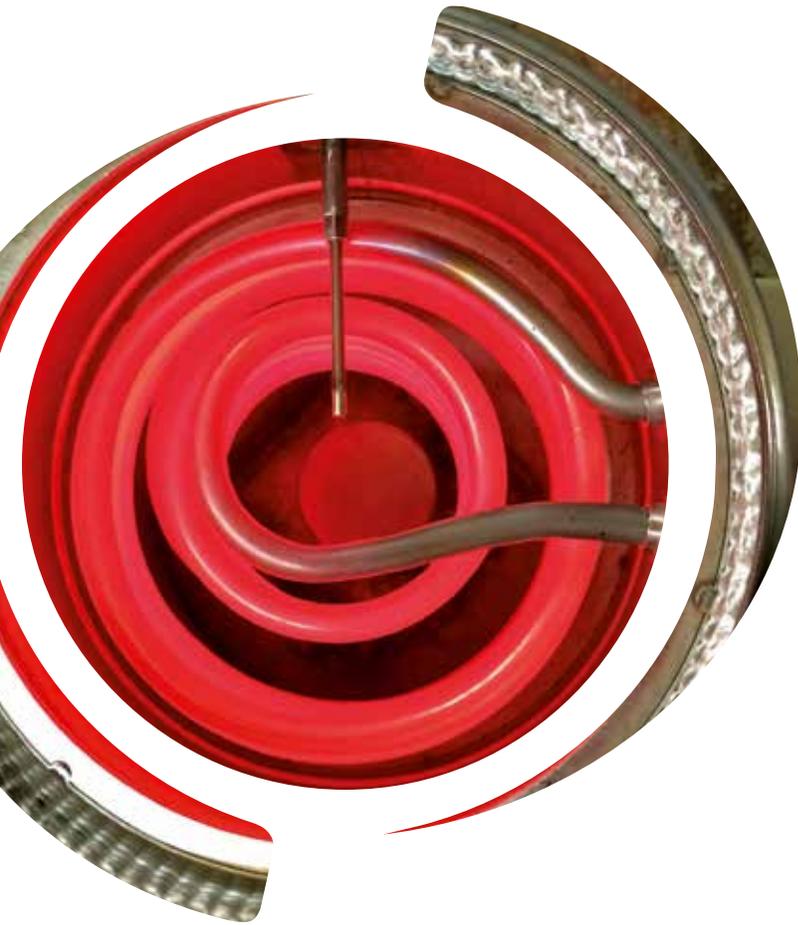


AWF-e Diesel particle filter

Active regeneration using electricity



AT A GLANCE

- Continuous particulate filtration of > 99 %
- Automatic regeneration overnight or on week-ends by means of external power supply
- Continuous particulate filtration independent of machinery operation and exhaust temperatures
- Long regeneration intervals of more than 40 hours
- Manual start of regeneration and automatic switch-off
- Function monitoring via PTL filter monitoring and digital display in the cockpit
- No additional operating materials such as additives, etc., required
- Certified system in accordance with LRV (BAFU) and VERT[®]; TRGS 554-compliant

With the »Active Wall Flow-elektric« (AWF-e) Particulate Filter System, we offer you a versatile particulate filter system for machinery and systems that are operated regularly at a fixed location or within a limited deployment radius or for limited periods of time.

These include lifting platforms, municipal vehicles and industrial trucks, as well as stationary power generators.

UNSERE PRODUKTE IM ÜBERBLICK

- | | | |
|-------------------------|-----------------------|--------------------|
| • Aktive Partikelfilter | Schalldämpfer | Katalysatoren |
| Passive Partikelfilter | Hitzeschutzisolierung | Funkenfänger |
| SCR-System | Abgasrohrleitung | Verbindungstechnik |

FUNCTION

The filtered particulate is regenerated using a heating coil that is integrated into the system's inlet hood upstream of the filter element.

The system is connected to an external power supply at the end of a shift, after deployment for a limited period

of time, or when the filter monitoring system shows a corresponding message on the display.

Once the system is connected to the mains, the regeneration process can be started.

AWF-e FUNCTIONAL SCHEME

