

OUT OF THE NOX

THINKING BRINGS YOU WORLD-LEADING EURO VI RETROFIT *emission control systems for diesel powered buses, coaches, refuse collection vehicles and trucks. Retrofitting heavy diesel vehicles is a fast-acting and cost-effective way to improve local air quality. For cities this means less pollution.*



PROVENTIA NOxBUSTER® CITY

FITS LIKE RETRO

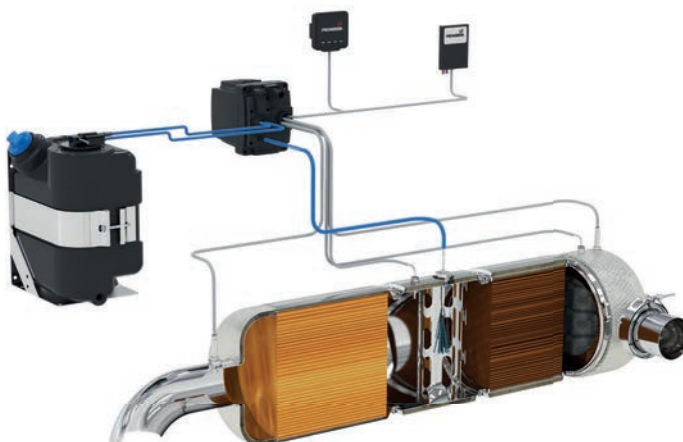
Proventia NOxBUSTER® City DPF + SCR systems enable heavy diesel vehicles to be upgraded to the Euro VI emission level. Thanks to Proventia's specialty in urea mixing and dosing strategy, the NOxBUSTER® system achieves high NOx and PM emission reduction rates in real city traffic.

Combined with advanced catalyst technology and optimised thermal management, no additional heating devices or components are needed. To prove this in every day operation, Proventia has developed a PRO-CARE™ Drive telematics system for continuous monitoring and reporting that provides real-time information on NOx emissions and EAT system purification performance online 24/7.

Reliable & robust

The technologies that Proventia has developed for demanding OEM applications firmly support R&D and expertise related to retrofit systems. The NOxBUSTER® City urea dosing system has been developed through ten years of research and development. Patented mixing technology allows more urea to be injected at low exhaust gas temperatures and cold weather temperatures, cold-start phases included.

For the insulation needs of NOxBUSTER® City, we use Proventia's own state of the art integrated, multi-layer insulation technology. The optimised insulation improves SCR performance by preventing the transfer of heat outside the system and keeping the surface temperature of the system low.



Proventia PROCARE™ Drive

MONITORING AND REPORTING MADE EASY

Proventia PROCARE™ Drive is an advanced in-service NOx monitoring and reporting system. This on-board diagnostic system monitors the NOxBUSTER system, the NOx emissions, urea level and DPF back pressure.

PROCARE™ Drive online portal system provides real-time data on the whole fleet and enables early identification of any possible performance issues.



FIT

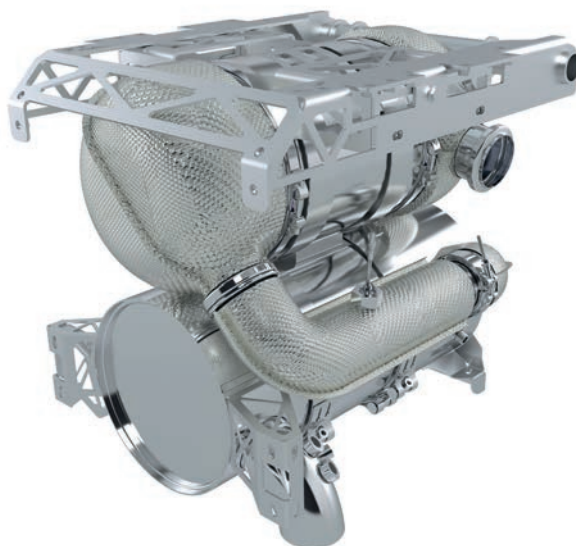
Proventia NOxBUSTER® City system is available for buses, coaches, refuse collection vehicles and trucks.



WHY PROVENTIA NOxBUSTER® CITY?

Developed for urban driving

- **Proven to work** in slow urban driving
- **High NOx and PM reduction rates** at low exhaust temperatures (below 200°C) and cold weather conditions (PEMS, WHVC and MLTB)
- **Upgrades** Euro IV and V up to Euro VI emission level
- **Operates with standard Adblue®** without any additional heating devices needed
- **Direct fit designs** available for the most common buses, coaches and trucks
- **TfL and CVRAS approved** in the UK
- **Approved for** German retrofit projects and Swedish and Finnish schemes
- **Over 5000 systems** installed globally





Proventia Oy | Emission Control
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