

**Clean Air for Generations**



*Diesel Particulate Filters*

**Marine**





„MY White Cloud“ equipped with PURltech filters.

**VOLVO  
PENTA**



## Marine Systems

**PURltech** is a European market leader in the development and supply of exhaust after-treatment systems that are both innovative and reliable. Our extensive experience of marine applications, stationary motors, trucks, buses, utility vehicles, construction and mining machines has seen **PURltech** emission reduction systems fitted to applications from all of the major suppliers in the world. Our goal is to achieve the highest possible customer satisfaction by offering a professional and fast service. The development, production and distribution is combined in our headquarters in southern Germany. Having all of these teams on one site ensures we have the ideal co-operation and flexibility between the disciplines to achieve a leading edge technology that meets our customers exacting standards.

### DAS-DBS System (Type B)

This is a regeneration system with both active and passive regeneration. This system, developed by **PURltech**, has "combined regeneration" which utilises an active regeneration (external fuel injection) with passive regeneration (catalytic filter coating). The filter regeneration is controlled automatically during normal operating conditions. DAS-DBS type B is ideally suited to marine applications which have low operating loads and low exhaust gas temperatures.

### Leading technology in Marine Operation

In marine operations functional reliability is essential. The **PURltech** DAS-DBS system is one of the most reliable systems on the market; it utilizes a highly durable catalytic coating in combination with a reliable wall-flow filter technology. This system has long service intervals coupled with stainless steel housings and connectors that have proven durability on many engine sizes and marine applications.

### The PURltech systems benefit from:

- Worldwide certifications (e.g. VERT, TÜV, CARB)
- Housings utilising the highest grades of stainless steel
- High grade materials which are resistant to salt water corrosion
- Bespoke systems developed for each application
- Temperature management / high tech filter insulation
- Low filter backpressure technology and safety systems
- 100% shock and vibration resistant

### The technology ensures:

- Elimination of soot emissions, carbon monoxide and hydrocarbons by 99%
- No soot particles on the deck, on furniture or clothes
- No odour nuisance on the deck
- No dirt or exhaust marks on the side of the ship
- No need for electricity supply; thus, full generator power still available

For further information please contact: