

Press Release

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Safeguard operations in demanding environments with Draeger AFU 100 Air Filtering Unit

Lübeck - The new Draeger AFU 100 Air Filtration Unit is designed to protect vehicles, containers and shelters from the risks associated with chemical and biological hazards. Modular in design and meeting the requirements of NATO AEP54 and the Bundeswehr TL, it is ideal for use in small, complicated spaces and is particularly suited to applications in dusty environments.

Offering filtration of 100cbm/h, the filter system comprises a coarse dust separator together with a particle filter for biological substances such as bacteria, viruses and toxins, and a gas filter for chemical warfare agents and industrial chemicals. The coarse dust separator removes and expels 95 per cent of the dust from the air, and the particle filter acts as a preliminary filter for the gas filter. Extending the period of use, this also leads to lower running costs.

Developed to save space, each of the components can be assembled separately to suit specific requirements. Robust in design, the AFU 100 can also withstand demanding ambient conditions (such as when found in tracked vehicles). In addition, the lightweight construction and small power consumption of less than 450 watts, means that the filter system effectively saves energy. As a result, it is extremely suitable for use in small vehicles.

The modular design also means that additional components can be added quickly and easily. For installation in interior spaces, for instance, an air leakage extraction system can be supplied to guide unfiltered air to an intake tract. Should a leak occur, it prevents contaminated air from escaping into the interior space and, at the same time, eliminates the need for another fan.

Further enhancements include filter recognition which indicates whether the

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particle or gas filters are being used, and the compressed gas design and volume flow monitoring which help to identify when a filter needs replacing. Other accessories include an electrical pressure monitor as well as a pressure relief valve, fixing materials and connections.

About Dräger:

Drägerwerk AG & Co. KGaA is a leading international corporation in medical and safety technology: Dräger products protect, support and save lives. Founded in 1889, the technology corporation achieved a global turnover of 1,819.5 million Euros in 2007 and an EBIT of 151.9 million Euros. Today the corporation headquartered in Lübeck employs approx. 10,000 people in over 70 sales and service companies world-wide and is represented in 190 countries. The subsidiary Dräger Safety offers products, services and system solutions for a comprehensive risk management, especially for personal and plant protection.

Further information is available at www.draeger.com

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