Press Release

New edition of VDMA Air Filter Information (2019-10) "Overview of filter classes in ventilation, air-conditioning and dust extraction systems"

The edition published in October replaces the previous edition from 2015 and takes into account the current standards situation.

Frankfurt, November 15, 2019 - Air filters are a central component of ventilation systems. They can be found in a wide variety of devices and systems for room air and dust removal technology. A large number of specific filter media and designs are available to the user for specific applications. Air filters are tested and classified according to European standards regarding to their separation/retention capacity.

The VDMA Air Filter Information provides decision-makers in the user industries with a quick overview of existing structures, technical regulations as well as application possibilities and limits of use for air filters. The determination of whether a comparison of the filter classes for ventilation and air-conditioning technology and dedusting technology is possible is an essential aspect here.

With reference to the intended use and existing standards, the VDMA air filter information clearly shows the filter groups and classes as well as the respective dust classes with the respective specified test dust/aerosols and the specific characteristic values. For example, separation efficiency and maximum transmittance. In addition, important insights are provided into the current test standard series EN ISO 16890 for particulate filters and EN ISO 29463- and EN 1822-1 for HEPA filters.

The Air Filter Information is a joint product of the "Air Conditioning and Ventilation Technology" and "Air Pollution Control" departments of VDMA Air-Handling Technology Association.

The brochure is available as a download at https://klt.vdma.org/.

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Do you have any further questions? Mr. Thomas Damm, VDMA Air Conditioning and Ventilation Technology, telephone 069 6603 1279, thomas.damm@vdma.org and Ms. Christine Montigny VDMA Air Pollution Control, telephone 069 6603 1860, christine.montigny@vdma.org, will be happy to answer your questions.

The VDMA represents more than 3200 companies in the medium-sized mechanical and plant engineering sector. With 1.3 million employees in Germany and a turnover of 232 billion euros (2018), the sector is the largest industrial employer and one of the leading German branches of industry overall.

The Air Handling Technology Association comprises the departments Air Conditioning and Ventilation Technology (Process air as well as Ventilation and air conditioning), Refrigeration and Heat Pump Technology, Air Pollution Control (Process air), Surface Technology and Drying Technology.