



Contact Astrid Thieme-Medinger
Phone +49 69 66 03-1288
E-Mail astrid.thieme-medinger@vdma.org
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Air Handling Technology

VDMA Fire protection and smoke extraction Information sheets published

- **VDMA Information Sheet No. 8 "Use of fire dampers and smoke control dampers with CE marking"**
- **VDMA Information Sheet No. 9 "Separating elements for air transfer openings"**
- **VDMA Information Sheet No. 10 "Safe stairwells in buildings below the high-rise limit with pressure ventilation systems"**

Frankfurt, February 27, 2020 - In addition to revising an existing publication, the Working group fire protection and smoke extraction has currently produced two new information sheets from the series "Safety in buildings and infrastructural facilities".

Updated: VDMA Information Sheet No. 8 "Use of fire dampers and smoke control dampers with CE marking"

CE mark, declaration of performance, technical documentation - the VDMA information sheet refers to the terminology that must be observed when using fire dampers and smoke control dampers according to product standards. The publication has currently been revised and adapted to the Model Administrative Provisions – Technical Building Rules (MVV TB) issue 2019/1.

New: VDMA Information Sheet No. 9 "Separating elements for air transfer openings"

The recently published VDMA information sheet provides information on air transfer openings and the building products that can be used for this purpose, applicable construction types and verification procedures. The purpose of the openings, their functions, uses, areas of application and their behaviour in the event of fire are described in detail. Against the background of the European

Basic Requirement 2 for construction works - fire protection, the information sheet refers to suitable building products and explains them specifically.

New: VDMA Information Sheet No. 10 "Safe stairwells in buildings below the high-rise building level with pressure differential systems"

In principle, the concept of "two escape routes as a basic principle of life safety" is required by law. However, there are exceptions for new and existing buildings in which there is no second escape route. This second escape route is not necessary if the rescue is possible via a safely accessible stairwell into which fire and smoke cannot penetrate. Such stairwells are referred to as safety stairwells and can be constructed as external or internal stairwells.

The publication describes different approaches for internal stairwells below the high-rise building level (according to the Model Directive on the construction and operation of high-rise buildings (Model High-rise Directive - MHHR) in new and existing buildings, if only one escape route is available.

The new information sheets will be presented on March 12th, 2020 at the 6th VDMA Symposium "Fire Protection and Smoke Extraction - Focus on the New Regulations and Procedures" including trade exhibition and factory tour, at the Audi Forum Neckarsulm. Register now for the VDMA Symposium:

<http://www.vdma.org/kalender/-/event/view/52992>

All VDMA information sheets of the Fire Protection and Smoke Extraction Working Group are available at <https://rauchschutz.vdma.org/publikationen>.

Do you have any questions? Mrs. Christine Montigny, Technical Consultant of the Air Pollution Control department, phone +49 69 6603 1860, christine.montigny@vdma.org, will gladly answer your questions.

The VDMA represents more than 3300 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.