



## Press release

### **SCHAKO KG to present innovative new developments at ISH 2023**

**Kolbingen/Frankfurt-Main, Germany – 1 March, 2023: A new linear wall-mounted swirl air diffuser and a new particle filter box are just two of the products with which SCHAKO KG will be demonstrating their expertise in the field of ventilation and air conditioning at the ISH trade show in Frankfurt, Germany from 13 to 17 March, 2023.**

Following the motto "Solutions for a sustainable future", industry representatives and other interested parties will meet from 13 to 17 March at ISH 2023, the world's leading trade show for water, heat and air. With solutions for commercial and public buildings, Kolbingen-based SCHAKO KG's exhibit this year will be specially focused on new innovative products in the field of ventilation technology.

Heating, ventilation and climate are the elementary factors for a healthy and productive working environment, whilst also being central aspects of energy efficiency and climate & environmental protection. The most important characteristic of heating, ventilation and air conditioning in room use is that, ideally, they work efficiently without being noticed. In particular, the technology responsible for distributing clean, conditioned air is primarily only noticed if it's not working optimally, is creating a noticeable draught or noise or if the air isn't being distributed evenly in the room.

With the new LWD linear wall-mounted swirl air diffuser, SCHAKO will be presenting at ISH a crucial component of supply air systems for the supply of rooms with conditioned air. As mixing ventilators, displacement ventilators or source ventilators, air diffusers form the terminating component of a system and are therefore either not visible or at least appear unobtrusive on a wall, ceiling or floor.

"With our linear wall-mounted swirl air diffuser, large volumes of air can be introduced to rooms laterally with high induction and little sound, thereby supplying the occupied area with draught-less fresh air. The air jet speed and temperature in the supply air jet are optimally reduced here", said Siegbert Bantle, product manager of air technology at SCHAKO KG, in describing the function of the LWD. "The LWD is primarily characterised by its suitability for rooms with minimal depth here."

With a noise generation level of just 35 dB(A), the LWD achieves air volumes of 500 m<sup>3</sup>/h per metre with a maximum temperature differential of –8 K when cooling.

The other new product being presented by SCHAKO at ISH will be the FKO particle filter box. Connected horizontally or vertically, it enables filter changes from above by removing the box lid, for example from an accessible suspended ceiling. The FKO is suitable for filter cells with either a rubber or fluid seal. Optionally, the filter box can be outfitted with a manual shut-off valve and a differential pressure sensor for indication of the degree of filter soiling.

"We're pleased to be able to present both our new developments, the LWD linear wall-mounted swirl air diffuser and the FKO particle filter box – two innovative products which contribute to efficiency and sustainability – in addition to our tried-and-true product portfolio, to our customers and other interested parties at ISH", stressed Bantle.

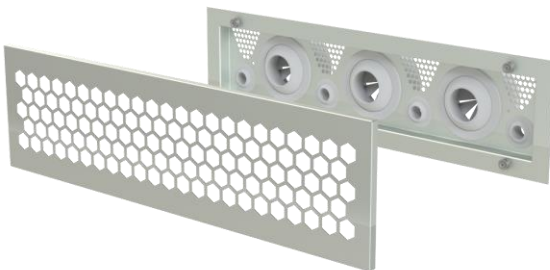
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The good-air experts will be presenting products developed at SCHAKO's own flow laboratories in Germany and Spain at Stand C38 in Hall 8.0 of ISH 2023 at Messe Frankfurt.

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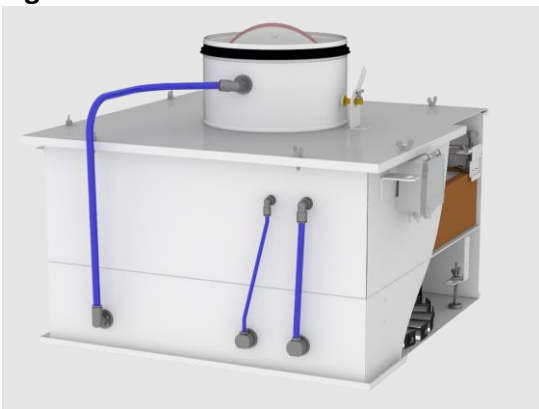
**Fig. 1 – SCHAKO LWD**



**Image caption**

The linear wall-mounted swirl air diffuser enables the supply of large volumes of air laterally in a room through high induction whilst meeting comfort criteria like the air jet temperature and air jet speed. It's easy to install and impresses with its modern design.

**Fig. 2 – SCHAKO FKO**



**Image caption**

SCHAKO FKO-V-F particle filter box



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### **SCHAKO Group - Pure competence in air**

Air has been our sole commitment for the past 90 years. Our knowledge and expertise have made SCHAKO a specialist in customised solutions for ventilation, air-conditioning, soundproofing, fire safety and smoke extraction challenges in commercial or public buildings. If you have specific room situations and particular air needs, SCHAKO is exactly the right place for you. You see, our strength lies in finding customised, smart solutions for all our customers' situations and challenges. SCHAKO now offer more than ever before. As part of the SCHAKO Group, together with the ADMECO, NOVENCO Building & Industry, REVEN, SCHNEIDER Elektronik, SIROCCO and SMITSAIR companies, we offer a unique portfolio of ventilation and air-conditioning components and systems for commercial and public buildings, canteens, laboratories, stairwells, the processing industry, underground car parks and tunnel systems.

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