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TROX® TECHNIK
The art of handling air

Vienna, 9.October 2017

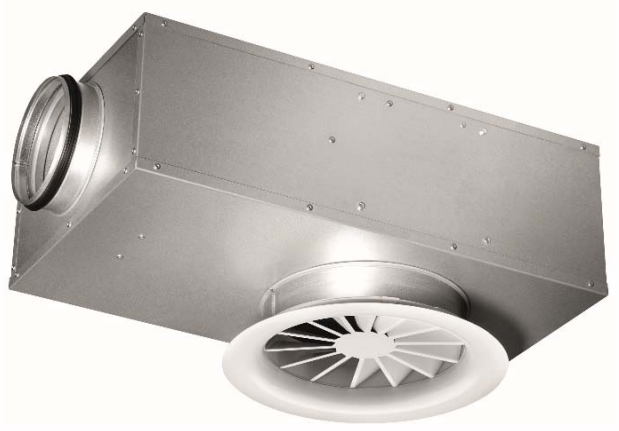
TROX presents new multifunctional diffusers

Autumn is here, and so are two new TROX products.

PureLine slot diffusers and combinations of RFD and a Sirius plenum box were already announced at ISH 2017; now they are about to be launched.

RFD 'four-in-one' swirl diffuser

Another innovation is an RFD swirl diffuser combined with a Sirius plenum box. The resulting unit is a diffuser, plenum box, volume flow controller and sound attenuator, all in one casing. By placing the circular VAV terminal unit right above the diffuser and using sound-absorbing materials we have created a very compact plenum box with excellent acoustic properties. This unit is particularly suitable as an inexpensive overall solution as it can save up to 50% when compared to individual components. The diffuser is available in nominal sizes from 160 to 400 and suitable for volume flow rates from 18 to 615 m³/h (5 – 170 l/s). Advantages include the unusually flat construction, reduced installation time due to only one fixing point, the fact that the diffuser face can be installed without any tools, and easy maintenance.



The new RFD combines several functions in one unit: diffuser, plenum box, volume flow controller and sound attenuator.

Press Release

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PURELINE – a clean solution

Another highlight is the newly developed range of PURELINE slot diffusers, unobtrusive products that blend in perfectly with any ceiling. Since the air discharge is adjustable, the diffusers are suitable for various applications, e.g. to provide a (vertical) air curtain to protect a fresh food counter. As a big plus, there is less contamination of the ceiling. All new slot diffusers are available with one or several slots and come in lengths of 600 mm to 2000 mm or from 600 mm to 1950 mm. The PL18 has a volume flow rate range of 17 to 300 m³/h (5 – 84 l/s), the PL35 of 27 to 710 m³/h (7 – 197 l/s).



A clean solution: PURELINE slot diffusers have aerodynamically optimised air control blades, improved acoustic properties, cover a larger volume flow rate range and cause less contamination of the ceiling.

Company profile:

TROX is leading in the development, manufacture and sale of components, units and systems for the ventilation and air conditioning of rooms. With 27 subsidiary companies in 27 countries on 5 continents, 14 production facilities, and importers and representatives, TROX is present in over 70 countries. Founded in 1951, global market leader TROX, whose international head office is in Germany, generated in 2016 with a total of 3,770 employees around the globe revenues of approximately € 500 million.

TROX Austria acts as a hub for all business in the CEE region and is represented in Austria, Hungary, the Czech Republic, Croatia, Serbia, Bulgaria and Romania; as well as in Slovenia and Slovakia through successful and reliable partners.

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Press Release