



10 March 2015

## Decentralised comfort air conditioning and air-water systems from TROX

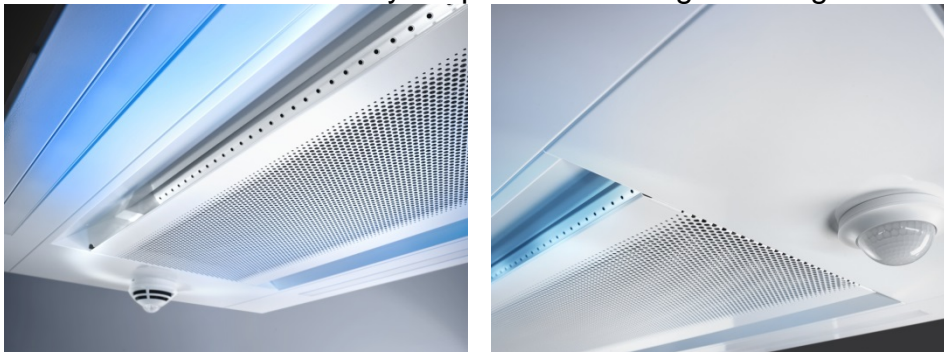
'The entire world of air conditioning' – this is the TROX motto at the ISH, where the company showcases innovative and optimised components and units. What is more, at Booth B51 in Hall 11.0 the company also demonstrates its overall expertise as a provider of comprehensive systems.

Centralised and decentralised air-water systems are the preferred choice for refurbishments as they allow for the installation of a ventilation and air conditioning system without the need for large ventilation plant rooms or ductwork. The systems adapt to the existing architecture since they can be installed in the floor, ceiling, wall or façade. As an additional advantage, active chilled beams can be fitted with building services such as lighting, speakers, sprinklers or PIR sensors.

Here, too, TROX presents innovative products and concepts.

### Extra slim, yet powerful and quiet.

The new Type DID 642 active chilled beam is a particularly slim unit and hence ideal for refurbishment projects. The beam is fitted with a horizontal heat exchanger for two-way supply air discharge. The new nozzles cause fewer pressure losses and allow for a broader range of applications. The active chilled beam can be installed freely suspended or in a grid ceiling.

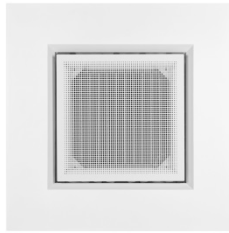


*Due to its compact height of only 170 mm, the new Type DID 642 active chilled beam is ideal for refurbishments. It is characterised by its top performance at a low sound power level (volume flow rate of 30 – 300 m<sup>3</sup>/h or 8 – 85 l/s, cooling capacity up to 2600 W, heating capacity up to 3500 W).*

Press Release

**TROX® TECHNIK***The art of handling air***Excellent performance, unobtrusive design – flexible in each situation**

The new Type DID 614 active chilled beam with four-way air discharge is equipped with a horizontal heat exchanger; due to five nozzle variants and a choice of various water connections it can be ideally adapted to project-specific requirements. The removable induced air grille is held in place by magnets and has an aesthetic perforation with decreasing apertures towards the edges.



*The new Type DID 614 active chilled beam is available as a square (600 x 600 mm) or rectangular (1200 x 600 mm) construction. The large volume flow rate range (30 – 250 m³/h / 8 – 70 l/s), choice of 2-pipe or 4-pipe heat exchanger, five nozzle variants and different water connections allow for the flexible adaptation to different requirements.*

**Decentralised ventilation systems – unprecedented ease of maintenance**

The FSL-U-ZAS under floor unit is another new TROX product at the ISH. Operation is completely condensation-free due to a new control strategy. Heat recovery can be used all year round. This means that no drainage pipes are required on site. The unit remains dry, and hygienic operation is ensured as a consequence. All components are easily accessible for maintenance once the grille has been removed.



*The new under floor ventilation unit FSL-U-ZAS can be easily maintained and cleaned after simply removing the grille; the false floor remains intact. All components are easily accessible.*

Press Release

# TROX<sup>®</sup> TECHNIK

The art of handling air

## Decentralised ventilation systems – ideal for the refurbishment of schools

The vertical SCHOOLAIR units are among the very successful TROX decentralised ventilation systems. They have been specially developed for classrooms and lecture rooms and have now been complemented by a new variant for lower installation spaces. SCHOOLAIR-V 1800 is a newly developed, particularly compact unit, characterised by its low height of only 1800 mm; it recommends itself primarily for the refurbishment of school buildings since it can be installed into the typical concrete façades that were so common in the 70s.



*With its dimensions of 600 mm x 1800 mm x 349 mm (WxHxD), SCHOOLAIR-V 1800 is ideal for the ventilation of existing school buildings. Low investment costs, simple design, and uncomplicated and rapid installation, e.g. during school holidays, make decentralised units an attractive option for municipalities.*

TROX is leading in the development, manufacture and sale of components, units and systems for the ventilation and air conditioning of rooms. With 30 subsidiary companies in 30 countries on 5 continents, 14 production facilities, and importers and representatives, TROX is present in over 70 countries. Founded in 1951, TROX generated in 2013 with a total of 3,700 employees around the globe revenues of €416 million.

This press information is also available under [www.trox.de/PR\\_ISH2015](http://www.trox.de/PR_ISH2015)

**For further information or should you have any questions about TROX, please contact:**

Christine Roßkothen  
Corporate Marketing  
voice: +49 (0) 2845 202464  
fax: +49 (0) 2845 202587  
[c.rosskothen@trox.de](mailto:c.rosskothen@trox.de)  
[www.troxtechnik.com](http://www.troxtechnik.com)

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