

# ARCHITECTURE

## SOLUTIONS FOR EVERY TYPE OF BUILDING

Whether you are planning a conventional office building, a small school, a stadium, or a five-star hotel, whether a new building or a refurbishment, TROX offers the ideal solution for every type of building, even for highly sensitive areas in industry and the health sector.

In addition to standard variants, system solutions and components can also be individually developed and their design can be adapted so that you have the greatest possible freedom in the planning of your building. In integral planning teams, we combine your visionary ideas with our air-conditioning and ventilation competence so that, together, we can implement sustainable architecture at the highest level.

Here, you can learn more about the following topics:

## INDIVIDUAL SOLUTIONS - INSTALLATION EXAMPLES



Our concepts can be integrated almost invisibly or aesthetically into any building. Highest comfort with an efficient use of energy is our contribution to your vision. Here, you can find our installation examples.

## INDIVIDUAL SOLUTIONS - REFERENCES



With your architectural and technological visions, you set our standards. Together with you, we discuss your ideas and desires and find the best room climate solution for your construction project.

You can find TROX references in buildings worldwide, for example, in:

- Train stations and airports
- Office buildings
- Restaurants
- Hotels
- Industrial buildings and laboratories
- Hospitals
- Concert halls
- Trade fair halls
- Museums
- Ships
- Schools and universities
- Stadiums and gymnasiums
- Tunnels

## AWARDS

It was the first time that TROX GmbH initiated an award for architects, the TROX



FOCUS DESIGN AWARD.

Under the title FOCUS DESIGN, it was called for architects and specialist consultants to work on the design of a front panel for a XARTO ceiling air diffuser. Due to the intelligent technical concept of the XARTO ceiling diffuser, the diffuser's function is completely independent from the design of its front plate such that there are virtually no limits for creativity. This provides architectural offices the opportunity to deal with the issue of design quality on ceilings. As many as 28 architect's offices from Germany and Austria met the challenge of TROX GmbH.

More Information:

Iconic Award for TROX

Recent developments in the real estate sector have been marked by a holistic approach to architecture and interior design. With the Iconic Awards the German Design Council recognises exceptional solutions in this field, based on the results of an international architecture and design competition.

TROX took up the challenge, submitted the X-GRILLE ventilation grille, and has come out successful: as a Winner in the Product category. This is already the second award for the X-GRILLE this year, after the Interior Innovation Award 2014.

With the X-GRILLE ventilation grilles, their innovative functions and their aesthetic design, TROX offers its customers a new energy-optimised product with a whole range of sophisticated details. Whether the ventilation grille blends in with the room architecture or whether it is used as a design element is an individual choice.

The German Design Council is an independent, internationally operating institute. The Council considers itself a service provider for businesses, supporting them in their design development efforts, but also working towards broadening the understanding of design concepts throughout the general public. The Council is one of the leading centres of expertise on the communication and knowledge transfer in the world of design. The Iconic Awards acknowledge visionary architecture, innovative products and sustainable communication in all parts of architecture, construction, real estate, and manufacturing.





Interior Innovation Award 2014 – X-GRILLE is a 'Winner'

Perfect, aesthetic design that emotionally enhances rooms has top priority at TROX. 'Form follows function' and 'form follows emotion' are our basic concepts for developing new products. That this is the right approach has just been proven once again: The unique X-GRILLE ventilation grille was named Interior Innovation Award – Winner 2014 at the imm cologne trade fair in Cologne, Germany.

X-GRILLE – the unique ventilation grille symbolises the ideal combination of form and function. Each detail is an expression of the accomplished design.

- **Technology**  
The blades are supported in the centre and can be adjusted together or individually, and the grille can be flexibly used for both supply or extract air applications. The energy-efficient and acoustically optimised air discharge is a highlight of the intelligent construction.
- **Design**  
With its unusual two-colour look in jet black and white aluminium the X-GRILLE clearly distinguishes itself from conventional ventilation grilles. The clip-fixed, exchangeable cover plates conceal the screw fixing and make the grilles ideal for continuous horizontal runs. Any colour combination and individual colour is available to create the desired room atmosphere. Whether the ventilation grille blends in with the room architecture or whether it is used as a design element is an individual choice.



"Design Plus" for the X-CUBE air handling unit

The TROX X-CUBE air handling unit developed together with Busse-Design + Engineering GmbH is "Design Plus"!

With the X-CUBE air handling units, TROX has set new standards. The judging panel agreed that X-CUBE is a very well-designed unit with convincing features such as high energy efficiency, unparalleled hygiene, simple installation and maintenance, and intuitive operation; it is also characterised by a clear, uncluttered, almost archaic design. An innovative panel construction hides the frame; anthracite profiles make for aesthetic contours of the whole unit. All in all, a both technically and visually perfected 'power station' designed for all kinds of buildings.

Design Plus powered by ISH is awarded to products that combine a future-oriented concept, an innovative design, and energy-efficient technology. These are values that represent the ISH, the world's leading trade fair for bathroom design, air-conditioning technology, and renewable energies. A highly qualified expert panel evaluates, among other features, the design quality, overall concept, degree of innovation, choice of materials, and technical and ecological aspects.



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