TROX PRODUCTS FOR A GREENER PLANET

At TROX USA, providing innovative, energy-efficient technologies and improving the indoor environment is our focus. Superior service, design support and quality products is our promise.

TROX understands the art of competently handling air like no other company. Working in close partnership with sophisticated customers all over the world, TROX is the leader in the development, manufacturing and sale of components and systems for the air conditioning and ventilation of internal spaces.

The systematic research and development associated with individual products continues to expand based on project specific requirements. With customer-specific, TROX sets a trail-blazing standard and continues to enter new markets and maintain sustainable business opportunities.

How TROX products can

Commercial buildings consume 40% of the world's energy and in the USA alone, they consume two-thirds of all electricity with a considerable portion caused by a building's cooling and heating system. As a developer of energy-efficient products for commercial HVAC systems, TROX USA takes seriously its role in positively impacting changes that can reduce energy consumption of commercial buildings in North America and improve the air-quality of the indoor environment. By employing the latest in energy-efficient HVAC systems to new and retrofit buildings, owners can make a real and significant positive impact on the environment and the bottom line.

TROX products are designed with energy efficiency and better air quality in mind with

- a firm commitment to protecting resources
- the environment that fits the needs of the green movement in America
- and increased emphasis on sustainable design

One of the most innovative HVAC technologies to be introduced to North America in recent years is the chilled beam system. Chilled beams use less energy than all air systems and provide the designer the opportunity to replace large supply and return air ductwork with small chilled water pipes - resulting in significant space and energy saving. With no moving parts, a filter or power supply, TROX active chilled beams only need periodic cleaning and therefore when combined with the energy savings of using chilled water rather than cooled air, can considerably reduce the system operating and maintenance costs.

TROX HVAC components and systems can reduce the necessary power required for traditional air handling fans, one of the largest energy consumers in a building. Hence our products considerably minimize energy
consumption while maintaining a high air quality. TROX product efficiency can be enhanced when connected to occupancy and motion sensors, resulting in optimal energy savings.

Furthermore TROX products reduce the size of plant rooms, ductwork and AHU, resulting in capital cost savings.

When meeting the performance criteria, TROX products have a positive impact on overall LEED® certification and can help reduce building operating costs, enhance asset value and profit, improve tenant satisfaction and employee performance.

At TROX we are committed to the success of your next project! Contact us to learn more about our "Building Green" solutions!

PRODUCT INFORMATION

Read about our sustainable products and how they can help to achieve your sustainability goals.

- Active and Passive Chilled Beams
- Displacement Flow Diffusers
- QLCI Displacement Chilled Beam for Classroom Applications
- QLCI Displacement Flow Diffusers
- Underfloor Air Distribution
PROJECT REFERENCES

Take a look at installation examples of our products and which construction projects TROX USA carried out, download the Reference Brochures with an overview of different projects or read about TROX USA's sustainable products in the news.

- Chilled Beam Reference Brochure
- Project References
- QLCI Reference Brochure
- TROX USA news
- UFAD Reference Brochure

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