



zehnder

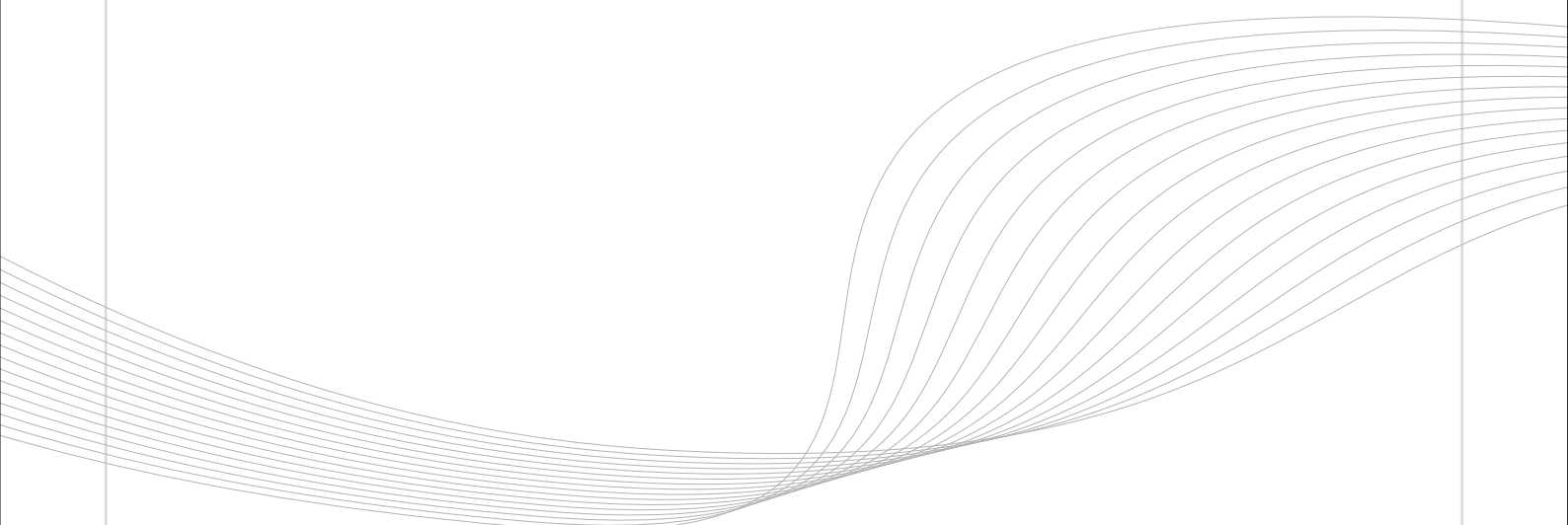
always
around you



Always around you. You spend an average of 70% of your time indoors. It's only natural that you should have high demands on your environment. And that should include your indoor climate, too: You need solutions that unite comfort, health and efficiently-used energy.

Zehnder provides everything you need for an optimal indoor climate, suitable for all kinds of buildings and all areas of application. From a designer radiator to a compact energy unit, from controlled indoor ventilation to clean air solutions and heating and cooling ceiling systems.

No matter whether you need a single product or a complete system: At Zehnder you will always be able to find an innovative, sustainable and well-designed solution to provide an optimal indoor climate.



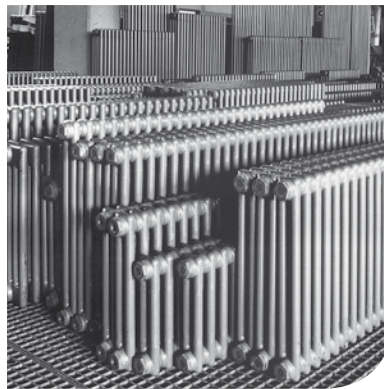
Innovative milestones

1895



Zehnder mobilises. In 1895, Jakob Zehnder opens a mechanical workshop for repairs of all kinds in Gränichen in Switzerland. In 1923, his sons, Walter and Robert, develop a new kind of light motorbike, which is produced in large volumes for many years.

1930



The radiator revolution. Robert Zehnder invents the tubular radiator: Zehnder Charleston. In contrast to conventional cast iron radiators, the elegant Zehnder tubular radiator proves to be lighter, better at conducting heat – and more economical to manufacture.

1952



Heating and cooling on a grand scale. Entry into the business field of radiant ceiling panels for use in industry and commerce: The heating and cooling ceiling systems installed in larger properties such as offices, halls, exhibition rooms and public buildings immediately ensure an efficient and pleasant indoor climate.

1964-1984



Expansion and innovation. In 1964, a German subsidiary is opened in Riegel, the merger with the radiator manufacturer, Beutler, in Lahr, Germany, follows in 1980. With Zehnder Universal, Zehnder introduces the first towel radiator and in 1984 the first designer radiators are launched on the market in the form of Zehnder Art Deco and Zehnder Sculptur.

2001-2006



A fresh breeze and clean air. By acquiring the company J.E. StorkAir, Zehnder benefits from over 60 years of know-how in the field of comfort ventilation and offers modern ventilation systems under the name of Zehnder Comfosystems. With Zehnder Clean Air Solutions, Zehnder has been providing solutions in the field of industrial ventilation since 2006.

2012



As system provider heading into the future. Zehnder maintains its leading market position as a complete provider of comfortable, healthy and energy-efficient indoor climates. Continuously developing new and innovative products and system solutions, the company is making sure that it will stay this way.

This is how you benefit
from our experience
and competence

Everything speaks in favour of Zehnder. You can expect experience and competence in such an important topic as indoor climate. We have the experience: over 80 years experience with radiators, over 75 years with ventilation systems, 60 years with heating and cooling ceiling systems, and over 15 years with air cleaning systems.

You can see this reflected in our products: in our high material, product and process quality with all-round quality and leakage testing. In our many award-winning and frequently copied design. In the large selection of colours and surfaces. In our sophisticated system solutions for heating, cooling and providing fresh and clean air. In all aspects of our products you will find benefit in Zehnder – thanks to our reliable service and on-schedule deliveries, tailored to suit your requirements.





Sustainability is an important issue for you

Using energy sensibly. In times of increasing emissions and climate change you are right to demand ideas that will enable you to utilise the energy you need more resourcefully. This makes sustainable building essential.

Zehnder sees a house as a system in which air, water and warmth all flow. That is why we integrate and merge our different skills into developing the product. The result is system solutions that provide tangible relief to the environment: A detailed analysis indicates that all the heat recovery units, heat pumps and geothermal heat exchangers produced by the Zehnder Group can bring about a reduction to annual emissions of CO₂ of about 173,000 tons. And the trend is rising.

Sustainable products: Heating



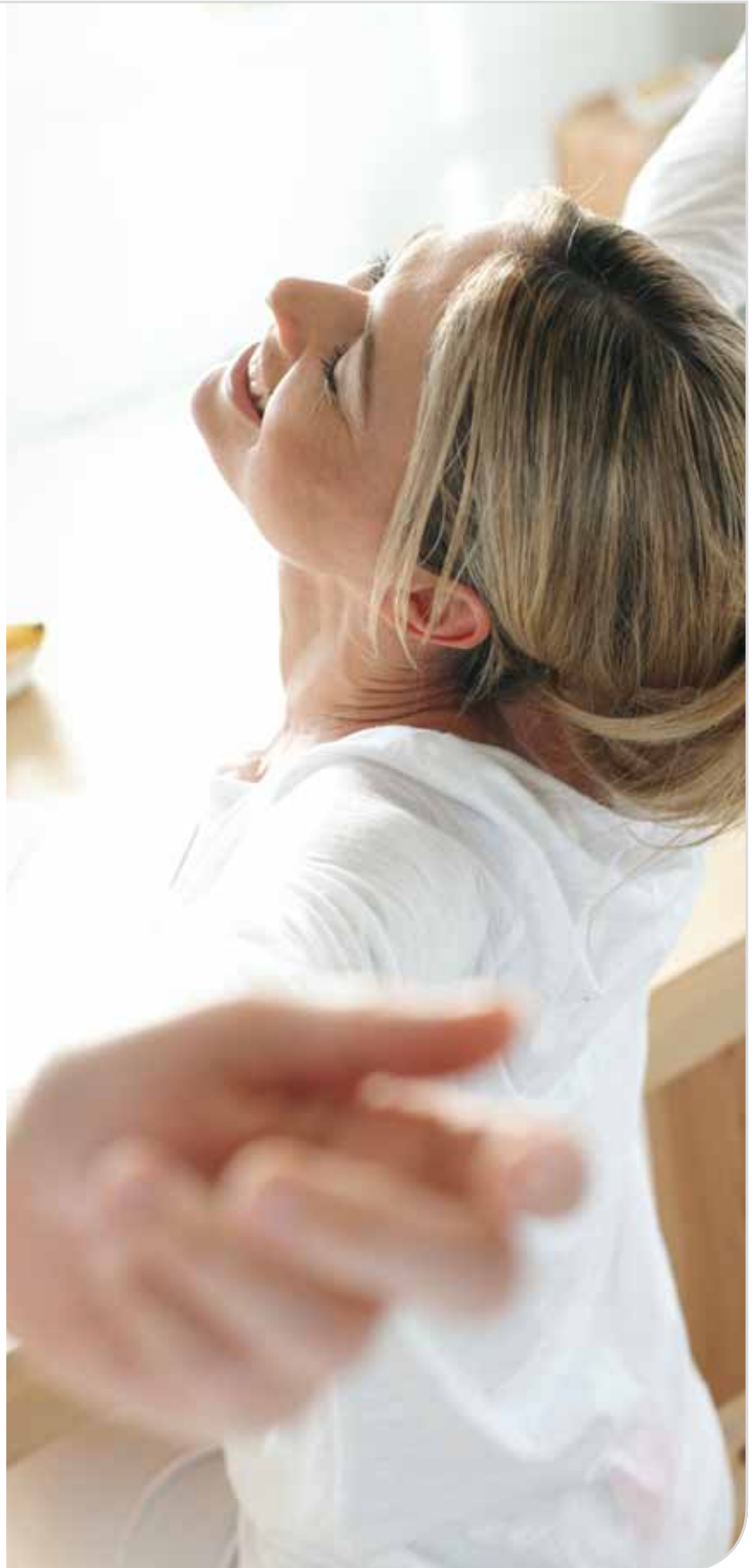
In the areas of heating, cooling and fresh and clean air, Zehnder helps with intelligent products and system solutions that contribute to the sustainability of your building. For example:

The designer radiator, **Zehnder Nova Neo** (NEO for "New Energies Optimised") is the ideal radiator to be connected up to a modern, efficiently operating low temperature heating system. It has an integrated heat exchanger with ventilation support. At low temperatures it performs up to five times better than a conventional radiator.



Sustainable products: Cooling

The heating and cooling ceiling systems **Zehnder Nestsystems** include not only the actual radiant ceiling panels, but also the entire pipework, heat pumps, air dehumidifiers and the controls enabling optimal operation of the complete system. Thanks to the intelligent coordination of all the components, maximum convenience at a minimum expenditure of energy is ensured.



Sustainable products: Fresh air



The **Zehnder ComfoBox Apart** compact energy unit is available as an efficient one-stop solution and can heat, cool, air and prepare hot water – for smaller apartments, too. The **Zehnder ComfoAir 160** comfort ventilation unit, with up to 95% heat recovery clearly undercuts the Passive House Institute requirements as can be seen by its SFP value (Specific Fan Power) of less than 0.39 W per m³/h.



Sustainable products: Clean air

Zehnder Clean Air Solutions uses new electronically regulated EC electric motors in its **Zehnder Flimmer E 12000** clean air unit: Thanks to these even more energy-efficient motors, savings in electricity consumption of 75 to 80% are possible. In addition to this, Zehnder Clean Air Solutions also has a suitable eco conversion set for previous Zehnder Flimmer E 12000 models.



Improve your indoor climate

Warmth is available from Zehnder in a variety of forms, from designer radiators for bathrooms and living rooms to radiant ceiling panels and heat pumps with integrated ventilation units.

Zehnder also has sophisticated solutions to cool rooms, ranging from cooling ceiling systems to controlled indoor ventilation with fresh supply air adjusted to the right temperature.



Zehnder designer radiators



Zehnder heating and cooling ceiling systems



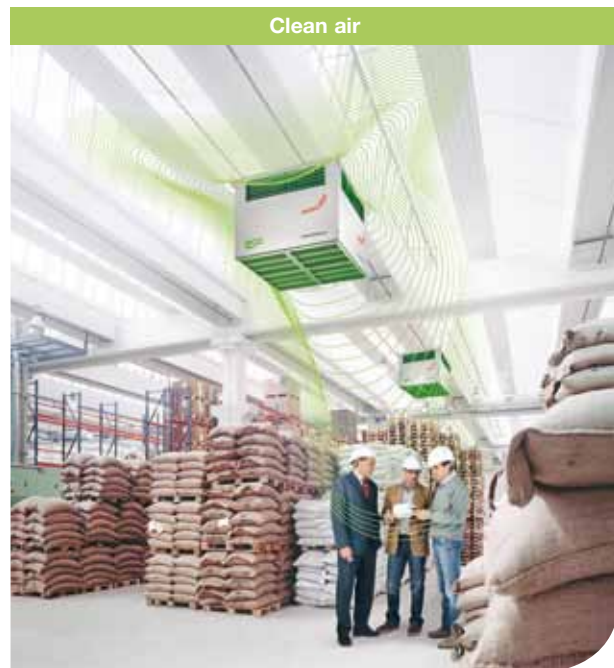
Most innovative brand
in the Heating & Air
Conditioning category

On the subject of fresh air, you are best advised to use Zehnder Comfosystems, controlled indoor ventilation with heat recovery for houses and apartments, for new builds and renovation projects.



Zehnder Comfosystems

You want clean air: Zehnder Clean Air Solutions can provide it in buildings with especially high dust levels. And at home, Zehnder Comfosystems filters external pollutants out of the air.



Zehnder Clean Air Solutions

Solutions for your
area of application

Residential building



It's no matter whether you have a house, a commercial building or an industrial complex: a pleasant indoor climate is received well everywhere. At Zehnder you will find suitable solutions for heating, cooling and fresh, clean air – tailored to your needs: Our products and systems can be adjusted

by size, shape and function to your special requirements in view of energy, architecture or style. Not only in new builds but also in renovation projects you will see that Zehnder can produce an energy-efficient improvement to your indoor climate quickly and easily.

Commercial building



Industrial building



Allow our customers to convince you



Haus Friedrich, Hamburg, Germany

Application: Refurbishment

Zehnder solution: Zehnder Charleston designer radiator

Benefits: Thanks to the wide model range and many special solutions, the radiator is an ideal product for refurbishments of old buildings. Zehnder Charleston is a true trump card as a supplement to a modern low temperature heating system because of its high performance capacity.



Haus Hönisch, Haigerloch, Germany

Application: New build

Zehnder solution: Zehnder Comfosystems, controlled indoor ventilation

Benefits: The controlled indoor ventilation system ensures a pleasant and healthy indoor climate by extracting used air and ensuring a continuous supply of fresh, clean air. By way of heat recovery, energy costs are reduced in the long term.

Before you opt for Zehnder, we are sure that you would like to be certain that our solutions have proven their worth. The quality of our products and systems is testified by our satisfied customers – all around the world – and the buildings and complexes fitted with Zehnder solutions. These pages contain just some of numerous examples.



Pilatus Werke, Stans, Switzerland

Application: New build

Zehnder solution: Heating and cooling ceiling systems, Zehnder ZBN

Benefits: Zehnder ZBN creates pleasant temperatures at floor level – right there where people are working. Heat distribution can be optimally controlled, with minimum convection. This protects the sophisticated electronics in the aeroplanes, which react sensitively to the finest particles of dust.



Ikea, Stockholm, Sweden

Application: New build

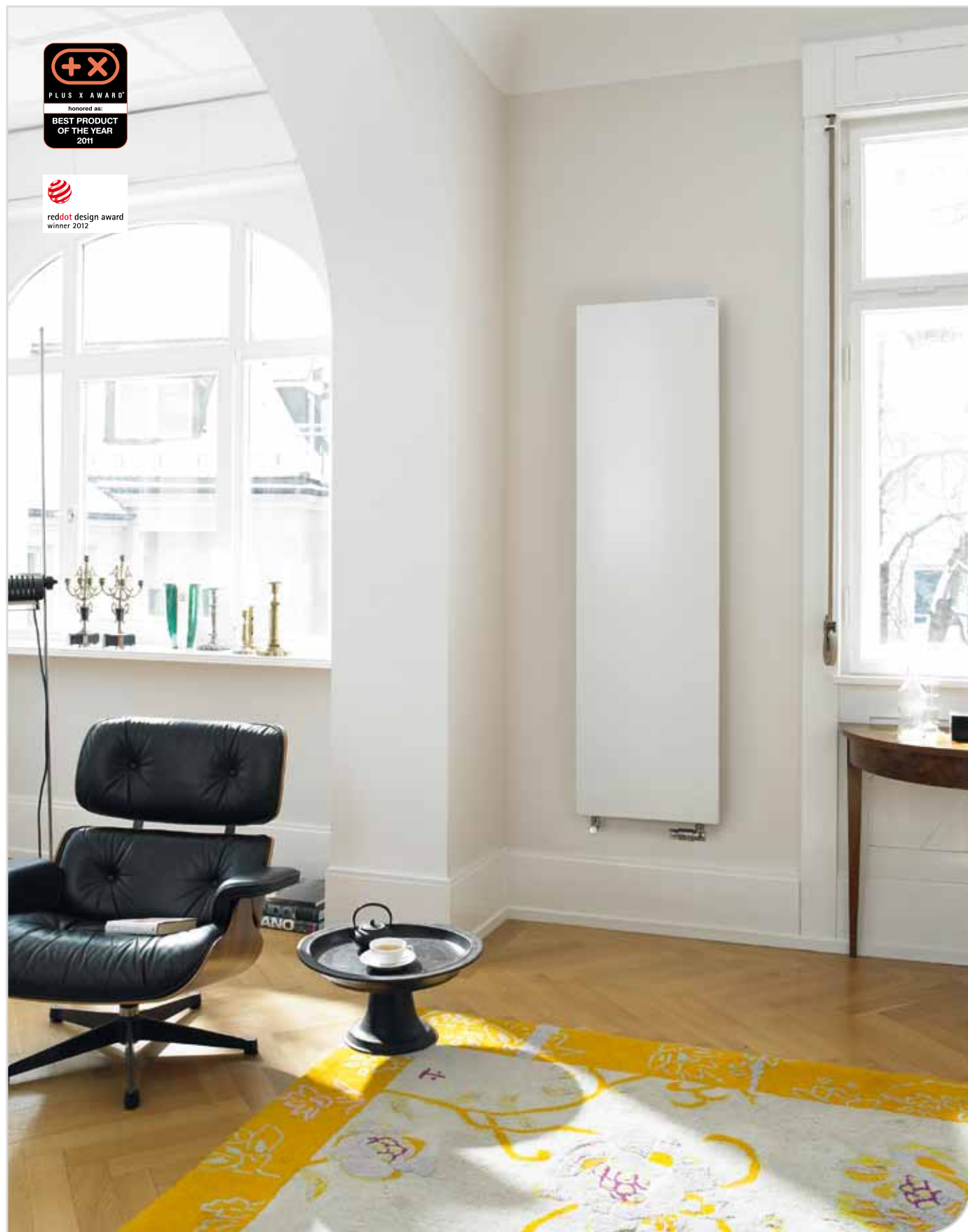
Zehnder solution: Clean Air Solutions, Zehnder Flimmer E12000

Benefits: The air cleaning system Zehnder Clean Air Solutions provides for clean production rooms and warehouses. And therefore also provides for lower the wear and tear of machines, for healthy employees, greater productivity and reduced cleaning costs.

Solutions for residential buildings: Comprehensive and comfortable

Heating and controlled indoor ventilation. "Merely" heating residential buildings is not enough these days. You want a comprehensive, energy-efficient indoor climate solution. Ranging from classic designer radiators for bathrooms and living rooms to radiators that are perfectly coordinated to modern heating systems and systems to provide controlled indoor ventilation with up to 95% heat recovery – at Zehnder you will find sophisticated solutions that satisfy all these demands for new builds and renovation projects.





Solutions for heating living rooms and bathrooms

Zehnder designer radiator

Pleasantly warm in next to no time.
The short response time ensures rooms become warm quickly.

Efficient heat at the right spot.
Radiators can be placed and operated wherever you want, either individually or in groups.

Suits all surroundings.
Large range of models, shapes and colours.

Multi-functional. Special models can also be used as towel radiators, mirror and bench radiators, special solutions tailored to requirements.

Hygiene and health.
Simple and easy to clean.

Saves costs and energy. Suitable for modern low temperature heating systems and heat pumps.



Solutions for controlled indoor ventilation



Zehnder Comfosystems

Well-being and health. Optimal supply of oxygen, draught-free indoor air, no mildew, fine filters for allergy sufferers.

Value of property is retained. Constant exchange of air prevents moisture and mildew formation and damage to the building structure.

Comfortable and pleasant. Optional pre-tempered air in winter and summer.

Aesthetic atmosphere. Award-winning designer grilles suit all kinds of interior designs.

Always the right choice. Complete solutions for all areas of application, customised to the building and suited to all budgets.



Solutions for combined heating, cooling, ventilation and domestic hot water preparation

Zehnder Comfosystems

Saves resources and money.
Energy savings up to 50%, heat recovery up to 95%.

Already defining tomorrow's standards today. Meets future statutory requirements.

Environmentally friendly and sustainable. Thanks to the use of renewable energies.

Lowers building costs. The installation of comfort ventilation systems is subsidised by national programmes.

Planning, installation and operative reliability. Everything from a single source; our system components are perfectly coordinated.



Solutions for renovating living rooms and bathrooms

Zehnder designer radiator Zehnder Comfosystems

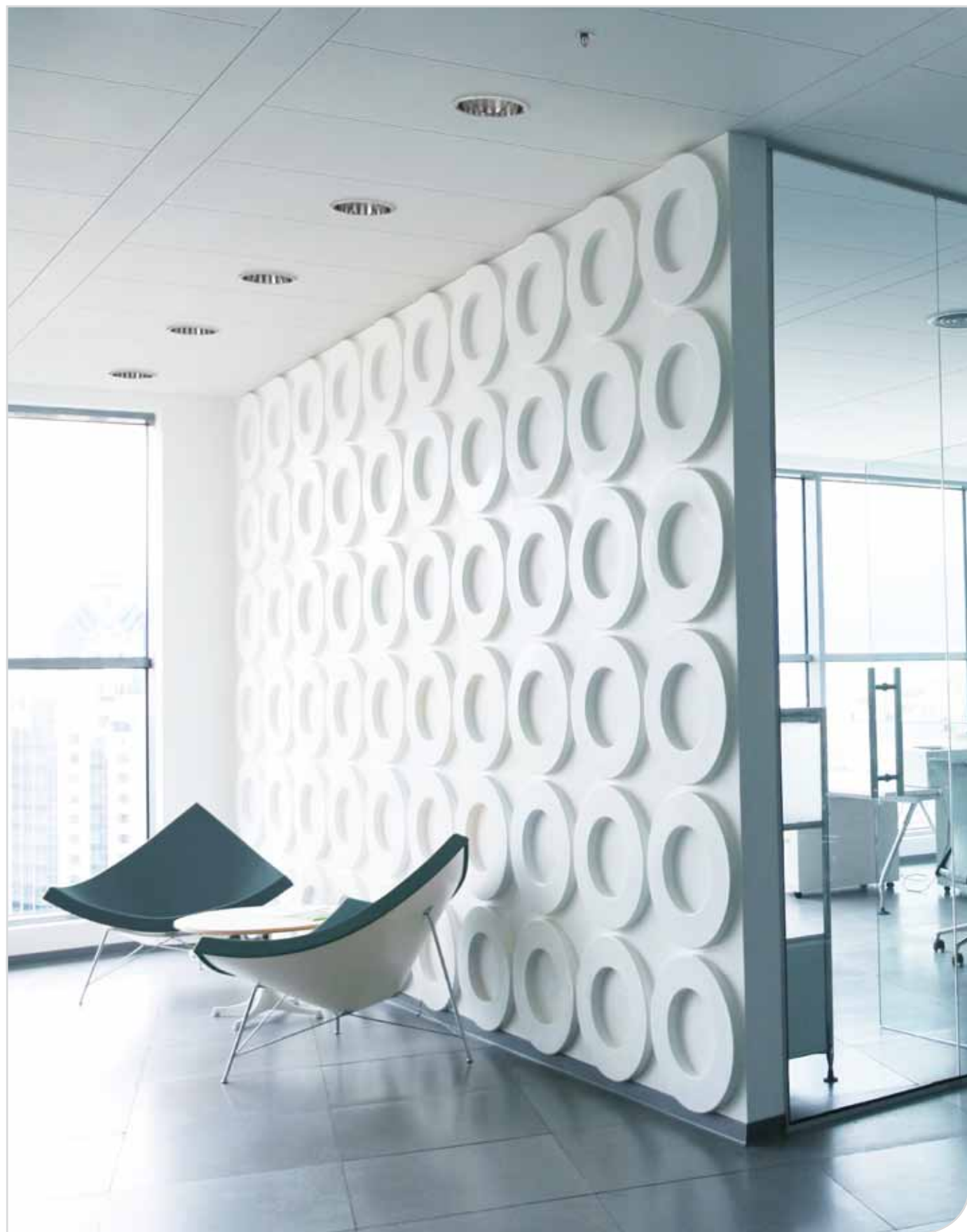
If you want to modernise or renovate a building today you will be wanting to do it for energy reasons as well. With new windows, more air-tight building envelopes and modern low temperature heating systems, new radiators and a controlled indoor ventilation is essential. Zehnder provides products and systems that have been specially developed for renovation projects. They are flexible, make efficient use of energy and are subsidised by national programmes.





Solutions for commercial buildings: For improved health and performance

Heating and cooling. In places where large numbers of people gather, a pleasant indoor climate is essential – if nothing else but for each individual's health and performance. No matter whether it's offices, meeting rooms, doctors' surgeries, hotel rooms, production halls, warehouses and sports halls that need attention: with the radiators, trench heaters and heating and cooling ceiling systems from Zehnder, you can choose from a wide range of customised, energy-efficient solutions for all areas of application and even for renovation projects.



Solutions for heating
and cooling offices,
public buildings
and halls

**Zehnder heating and cooling
ceiling systems**

Heating and cooling in a single
system. Relaxing radiant heat and
refreshing coolness as required.

Quickly and noticeably warmer
or cooler. Short response time,
heating and cooling effects are
immediately noticeable.

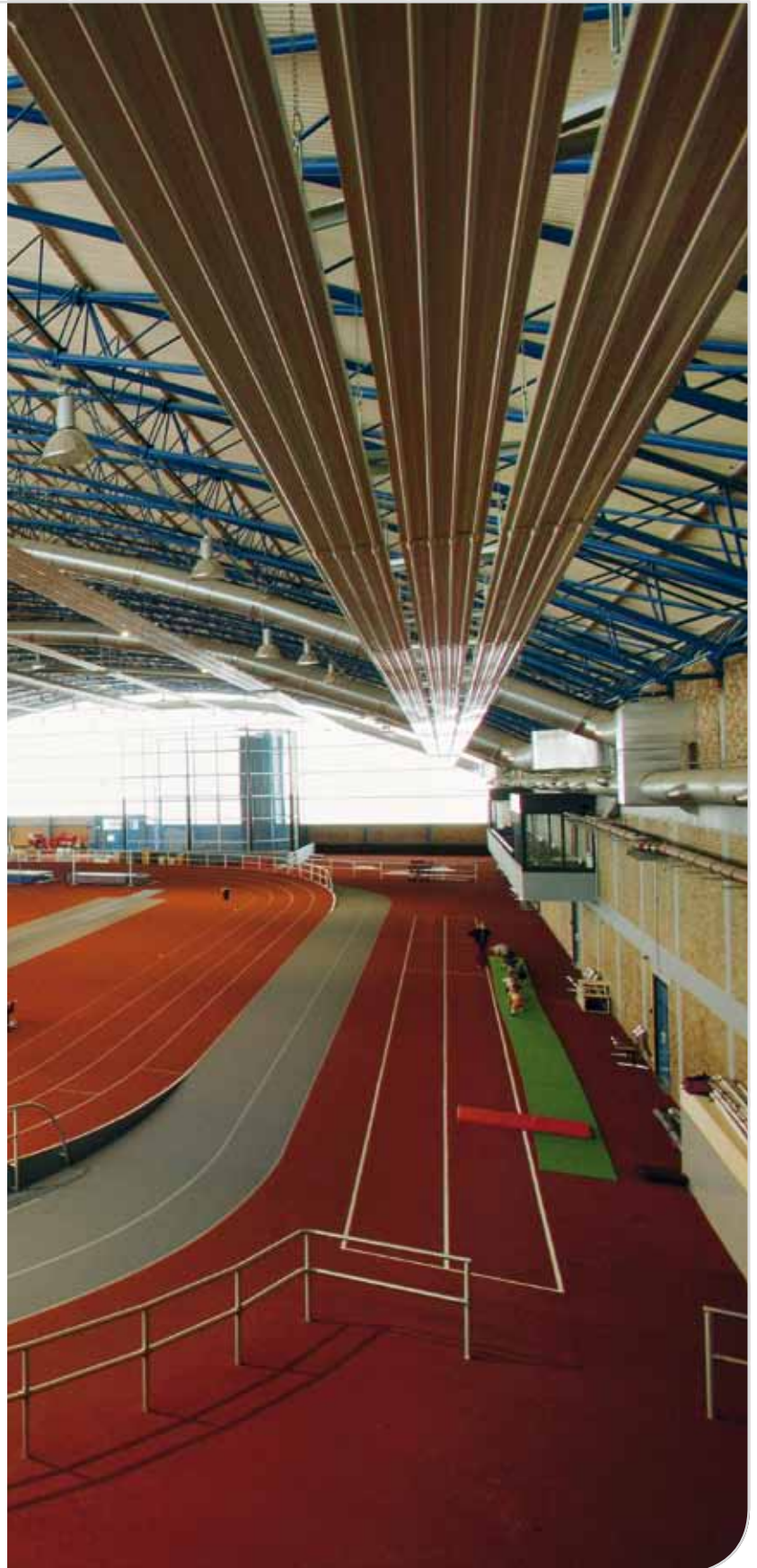
Hygiene and health. Improved
climate without dust dispersal.

Improved room utilisation. Ceiling
installation creates more space
on the floor and walls.

Solutions for all occasions. Varied
range of products for the most
diverse fields of application.

All included. The Zehnder service
package: consulting, planning,
production, installation,
acceptance testing.

60 years of experience. From Europe's
leading manufacturer of radiant
ceiling panels.



Solutions for heating rooms with large glass surfaces

Zehnder trench heaters

Even heat distribution.

Compensate for cold air falling in front of large glazed façades.

Harmonious integration. Trench heaters can be adjusted without compromise to all architectural styles.

Rapidly adjusted. React to changing situations quickly (sunlight, number of people, etc.).

Economical and durable. Minimal maintenance and care with a long service life.



Solutions for renovating
offices, public buildings
and halls

**Zehnder heating and cooling ceiling
systems Zehnder designer radiators**

Huge savings can be made by renovating public and commercially-used buildings. Resources and hard cash can be saved by improving how energy is used especially here. For this purpose, Zehnder offers intelligent and customised products and systems in the area of heating and cooling. Besides increasing efficiency levels they also improve comfort – and they are subsidised by national programmes.





Solutions for industrial buildings: Optimised in terms of both energy and costs

Systems to heat, cool and clean air. When large industrial buildings are heated you can make energy savings of more than 40% by replacing conventional air heating systems with Zehnder heating and cooling ceiling systems. This is because the radiant heat does not heat the entire room, but just where the heat is needed. And with the air filter systems provided by Zehnder Clean Air Solutions, your goods, production facilities and employees are protected from dust 24 hours a day. All products and systems can be retrofitted.



Solutions for heating and cooling industrial buildings

Zehnder heating and cooling ceiling systems

Save energy and money. Savings in energy over 40% in comparison with air heating systems.

The higher the more efficient.
Installations are possible up to ceiling heights of 50 metres without the entire space being heated.

Even, draught-free heat distribution.
Thanks to the principle of radiant heat.

No maintenance or servicing costs.
Maintenance-free system.

No additional electricity costs.
Operation takes place without fans.

High comfort levels, low cleaning costs. Noiseless and draught-free operation without dust dispersal.



Solutions for reducing dust at the work place

Zehnder Clean Air Solutions

Up to 70% savings in costs for cleaning. Less cleaning by hand thanks to fewer dust deposits.

Cleaner goods, fewer returns. You can offer your customers products that are free of dust.

Longer periods of operation. Dust-free air protects your machines and systems in the long term.

Health and performance. Up to 30% less absenteeism due to sickness, a healthy atmosphere to work in.

Flexible solution. Broad range of products for industry, logistics and the retail business.

Satisfied customers. Your customers will feel comfortable in a clean environment.



You will receive individual advice and comprehensive support from Zehnder.

At Zehnder, we believe in good customer service. On request we advise developers, planners, architects and installation engineers not only during the planning phase, but also during construction and commissioning. With short delivery times, easy-to-contact service departments, fast processes and efficient support, Zehnder strives to provide complete satisfaction and tailored customer service.



Zehnder Group brands

The logo for Zehnder group, featuring the word "zehnder" in red and "group" in grey, both in a sans-serif font. The word "zehnder" is slightly arched.

The international Zehnder Group brands

The logo for Zehnder, featuring the word "zehnder" in red, in a sans-serif font, slightly arched.The logo for Rivtal, featuring the word "Rivtal" in black, in a bold, sans-serif font.

Strong brands from a strong group. The Zehnder Group sets standards in indoor climate solutions – with its strong national and international brands that stand for innovation, design and reliability.

And moreover, the Zehnder Group simply provides the best climate: An internationally-active Group with strong family values, the company operates according to ethical principles, treating fellow people and the environment with respect and responsibility to generate sustainable values.

Zehnder International

The best climate for the world. People who sell their products and system solutions throughout the world need to know this world, its markets and customers, and their needs. With production sites and sales companies, Zehnder is represented around the globe – you can be sure that we really are "always around you".



Worldwide



● Distributor
● Production/Development

Your contact to Zehnder

company
street address
postcode city, country
T (Telephone)
F (Fax)
E-mail
URL

Your local Zehnder representative
can be found here:
www.zehnder-systems.com



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