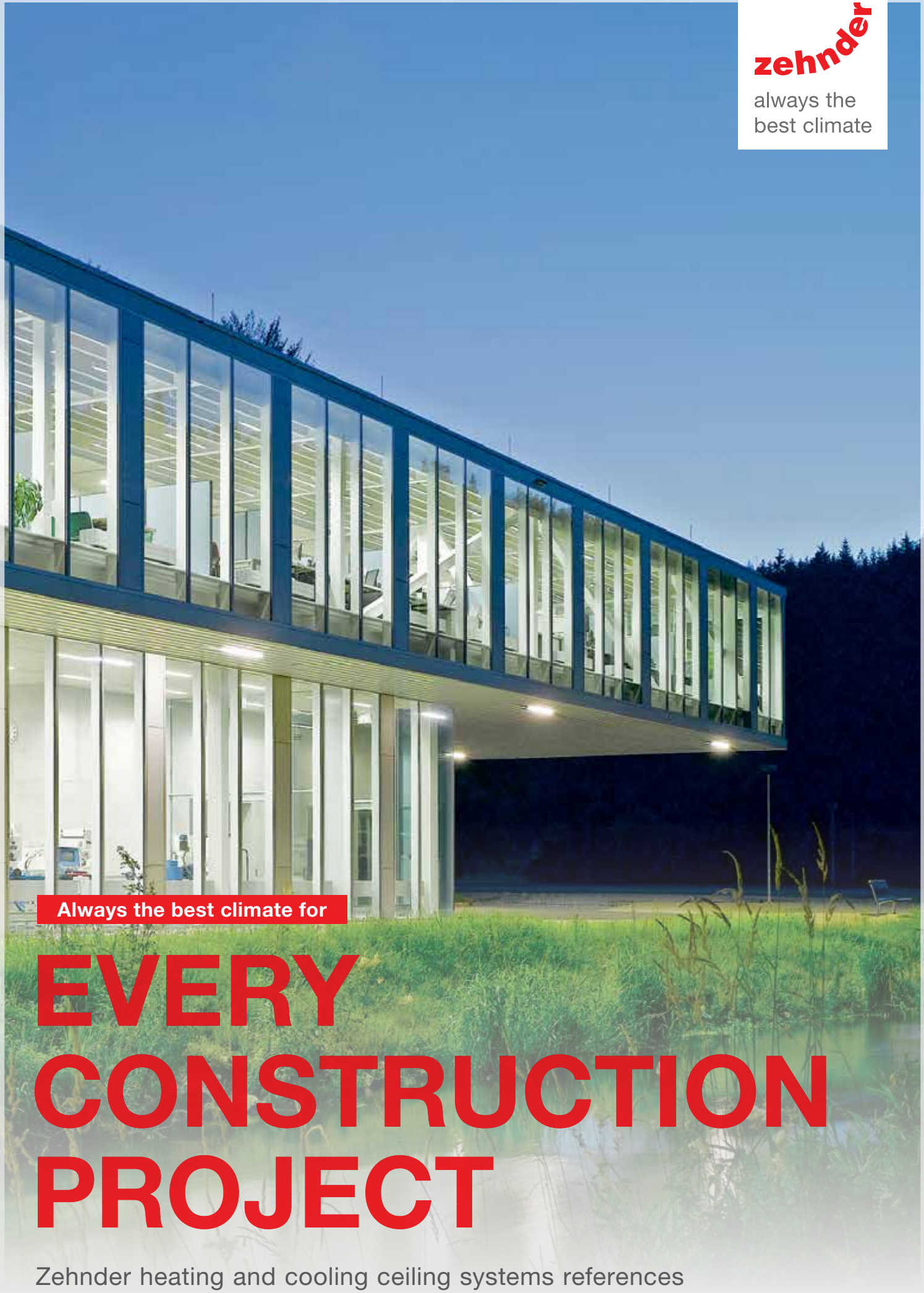
zehnder
always the best climate



Always the best climate for

EVERY CONSTRUCTION PROJECT

Zehnder heating and cooling ceiling systems references

Energy efficient and comfortable

The principle of thermal radiation is just as simple as it is efficient: because the perceived temperature is higher than the actual air temperature, more than 40% energy savings can be achieved.
For decades, Zehnder heating and cooling ceiling systems have been successfully using this principle for heating and cooling where other systems such as air heaters have proven themselves to be less economical: in large spaces with up to 50 m high ceilings – production and sports halls, showrooms, offices, schools and hospitals.
With over 60 years of experience, Zehnder is one of Europe's longest established leaders in technology and innovation in the field of heating and cooling ceiling systems. Tens of thousands of satisfied customers all over the world validate the quality of the systems built by Zehnder.

Zehnder heating and cooling ceiling systems:
- Utilisation of the principle of thermal radiation
- Heating and cooling of large spaces with ceilings up to 50 m in height
- Significantly more efficient than alternative systems
- Possible energy savings of over 40%
- Quality from one of the most experienced manufacturers
- Satisfied customers across the globe

OFFICE BUILDINGS

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Office buildings

Enhancing performance. The best prerequisites for healthy and efficient office work are provided by Zehnder heating and cooling ceiling systems. Suitable for standard grid ceilings, but also for a multitude of special forms, colours and customisations, they ensure a tailor-made solution for every project.

RAFI Eltec

Germany
Product: Alumline heating and cooling ceiling system
Design: closed metal ceiling
Activation: aluminium heat-conducting profile made with copper pipe

RAFI Eltec is an internationally renowned developer and manufacturer of prefabricated electronic components and is headquartered in Überlingen on Lake Constance. For its new company premises, RAFI Eltec opted for modern, ecological building technology which included energy-efficient heating and cooling ceiling systems.

Among other areas, the heating and cooling ceiling systems were installed in all of RAFI Eltec's open-plan offices. The ceiling modules were installed as closed ceilings, fitted in a suspended ceiling system. A welcome bonus is that the effective sound absorption of the system provides a pleasant working environment.

Zehnder heating and cooling ceilings also ensure pleasant heat distribution in the corridors. The closed ceiling modules are also visually appealing and blend in harmoniously with the light outlets.

Repucom GmbH

Germany
Product: Zehnder plasterboard heating and cooling ceiling system
Design: closed plasterboard ceiling and sail
Activation: aluminium heat-conducting profile made with copper pipe

The design of the Zehnder cooling ceiling and plasterboard sail enabled the ceiling level to be flexibly and perfectly adapted to the arrangement of pillars, beams and ceiling panels, which in some cases were very irregular.

The climate in the office of market research specialist Repucom has a major impact on productivity and success at work. In the conference room, the pleasant coolness that is radiated from above balances out the “heated discussions” of the marketing strategists.

In contrast to conventional circulated-air cooling systems, Zehnder plasterboard sails use passive cooling involving cooling elements, which are easy to integrate in any ceiling at little expense and without compromising the appearance of the room.

German Gymnastics Federation Frankfurt

Germany
Product: Carboline heating and cooling ceiling system
Design: closed metal ceiling
Activation: graphite sandwich with copper pipe

At the headquarters of the German Gymnastics Federation in Frankfurt, the ceiling system covers a total of 12,000 sqm across 6 floors. A building complex of this size is particularly challenging when it comes to providing an efficient energy supply.

The Zehnder Carboline heating and cooling ceiling system creates a “feel-good climate” in the office spaces of the German Gymnastics Federation. It responds quickly, flexibly and directly to the different climate requirements of the staff – both in the summer and the winter.

Staff benefit from an optimum indoor climate in the cafeteria too. Owing to the sound-absorbing properties of the heating and cooling ceiling system, the sound insulation provided by the fleece in the ceiling systems ensures a pleasant atmosphere.

Trumpf

Germany
Product: Carboline heating and cooling ceiling system
Design: metal sail
Activation: graphite sandwich with copper pipe

Trumpf GmbH & Co. KG produces machine tools and is the world market leader in the technology of industrial laser systems. The new building complex is also “state-of-the-art” – visually as well as in terms of climate.

Despite the large glass front panels, Zehnder heating and cooling ceiling sails guarantee a comfortable indoor climate. At the same time, thanks to their noise-insulating effect, they also ensure comfortable acoustics.

The “folded” roof on the top floor also poses no obstacle: the customised ceiling sails were suspended in accordance with the slope of the ceiling.

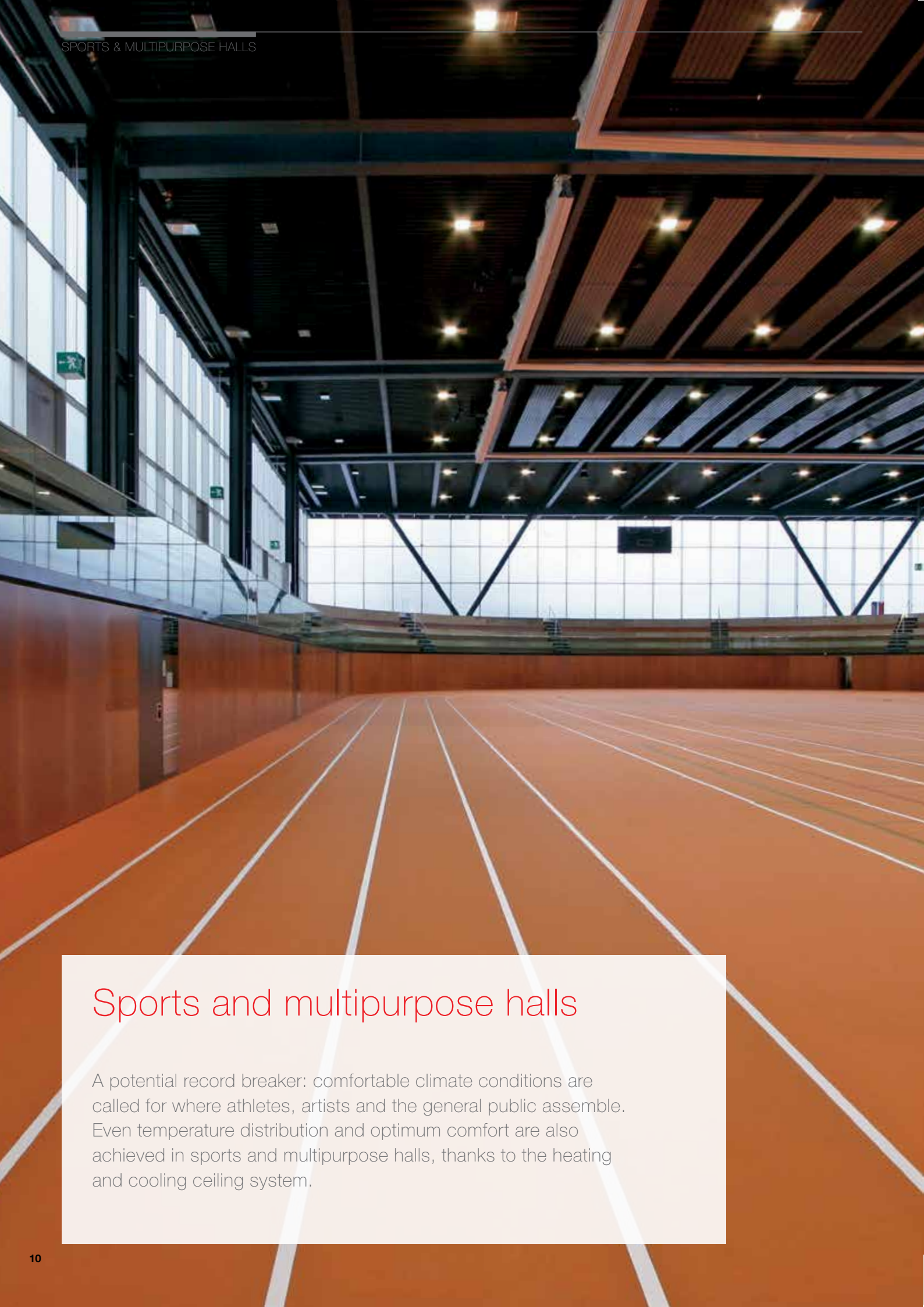
Golf park

Germany
Product: Carboline heating and cooling ceiling system
Design: metal sail
Activation: graphite sandwich with copper pipe

Climate control specifications for the office complex were a combination of efficiency and aesthetics. Heating and cooling are provided by means of a radiant ceiling system for regenerative energy recovery using heat pumps and heat exchangers.

The climate in all of the office areas, including the cafeteria, is controlled with Zehnder heating and cooling ceiling sails. The lightweight panels made of natural graphite ensure particularly rapid, even and efficient temperature distribution.

The solution impresses with its attractive appearance: the high-quality surfaces of the suspended ceiling sails are consistent with the architectural philosophy of “unseen technology”.



Sports and multipurpose halls

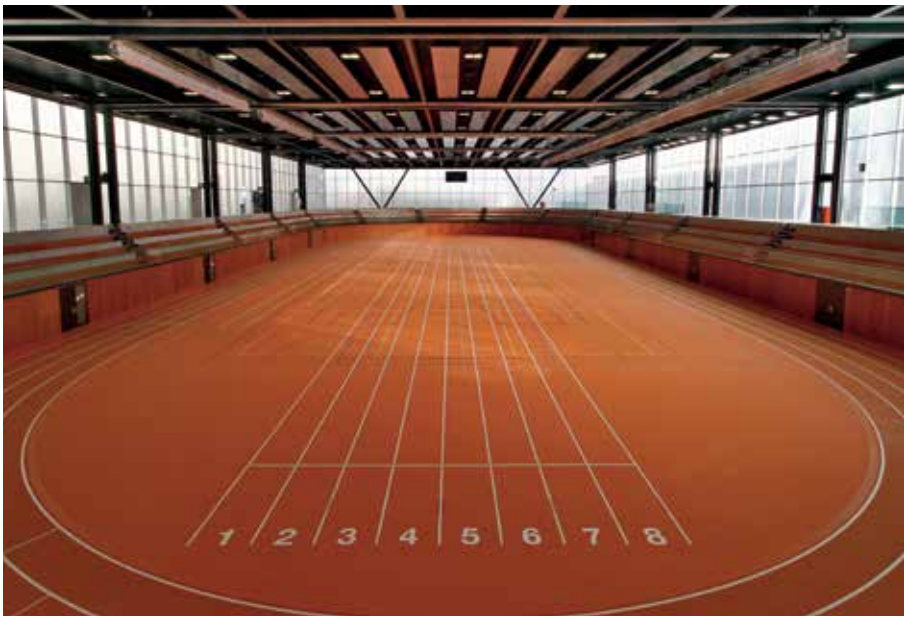
A potential record breaker: comfortable climate conditions are called for where athletes, artists and the general public assemble. Even temperature distribution and optimum comfort are also achieved in sports and multipurpose halls, thanks to the heating and cooling ceiling system.

Athletics centre

Switzerland
Product: Zehnder ZBN
Design: radiant ceiling panel
Sheet steel with copper pipe

Located close to where the borders of Switzerland, Austria and Germany meet, St. Gallen is an ideal place to hold a competition. The Athletics centre offers the best conditions for this, visually, functionally and also – thanks to Zehnder – in terms of indoor climate.

Simply in formal terms, the hall impresses with its modern architecture. But with its 4,160 m^2 of space for multipurpose uses, the building also sets standards in terms of functions which meet international standards for a number of sports competitions.



The Athletics centre is also way out in front in terms of heating and cooling: after all, Zehnder radiant ceiling panels ensure that both athletes and spectators are always able to enjoy a comfortable and healthy indoor climate.

Sports forum

Germany
Product: Zehnder ZIP
Design: radiant ceiling panel
Sheet steel with copper pipe

The Sports forum in Berlin's Hohenschönhausen district, a combination of a total of six sports halls, also includes Germany’s largest athletics hall. The heating system was also replaced as part of a renovation.

Because large glass front panels were used, the new heating system was required to guarantee year-round useability. The Zehnder ZIP radiant ceiling system met this challenge as well.

All aspects of the construction situation were overcome with ease, and training was resumed in the first winter after the renovation.

Sports hall

Poland
Product: Zehnder ZBN
Design: radiant ceiling panel
Sheet steel with copper pipe

As a university city, Poznań is numbered among the cultural centres of Poland. Numerous sporting and other events can be watched in the new university sports and events hall, which was completed in 2009.

In order to heat the 5,000 m^2 large hall evenly and efficiently, the decision was made to choose Zehnder ZBN. A total of 372 m^2 of perforated radiant panels were installed on the wooden structure which supports the roof of the hall in order to absorb the sound.

Thanks to the efficient system, the operators of the hall save on energy and costs. Also, athletes, artists and the general public enjoy pleasant indoor climate conditions.

Sports hall

Germany
Product: Zehnder ZBN
Design: radiant ceiling panel
Sheet steel with copper pipe

The sports hall in Munich is a glass-based architectural structure with an ultra-modern and highly practical facade. To reflect the full scope of the project's form and function, the designers utilised a Zehnder radiant ceiling system.

If it's sunny and the hall heats up rapidly, Zehnder radiant ceiling panels respond at speed. Thanks to their low water content, they match their thermal output to the external conditions in a flash. It's no wonder that Zehnder radiant ceiling panels, with their proven technology, rank amongst the most economical of any space heating system in the world.

Sports hall

Germany
Product: Zehnder ZBN
Design: radiant ceiling panel
Sheet steel with copper pipe

In 2016, the town of Waldkirch went in search of a contemporary, structural panel heating system for its sports hall. The aim was to provide energy efficiency and a pleasant climate inside the hall at an affordable price, as well as high-quality and durable LED lighting. Zehnder's ZBN radiant ceiling panels which feature recessed LED light fixtures and ball impact resistance fulfil these requirements in a single system.

In the Georg Schindler sports hall, a total of 24 Zehnder ZBN radiant ceiling panels with recessed LED light fixtures were installed. The energy-saving 2-in-1 solution was mounted on wide span beams using chain suspension. The individual radiant ceiling panel elements were connected using flexible connectors, which were routed along the ceiling construction several times through glued laminated timber bores.

Using recessed LED light fixtures enables energy savings of up to 90% to be achieved compared with alternative lighting systems. A very long service life and high switching durability also ensure that no maintenance is required.

Production and maintenance halls

Energy-efficient: whether it be workers, machines or goods: in production and maintenance halls, everyone involved benefits from the utilisation of a Zehnder heating and cooling ceiling system. Even in halls with 30 m high ceilings, the heating and cooling ceiling system proves itself to be powerful and energy-efficient, particularly in comparison with air heating systems.

IAGB Airbus hall

Germany
Product: Zehnder ZBN
Design: radiant ceiling panel
Sheet steel with copper pipe

The building complex of IMA GmbH, an independent aviation service company, is located in the immediate vicinity of Dresden airport. Here, the gigantic Airbus 380 is subjected to the most exacting performance tests.

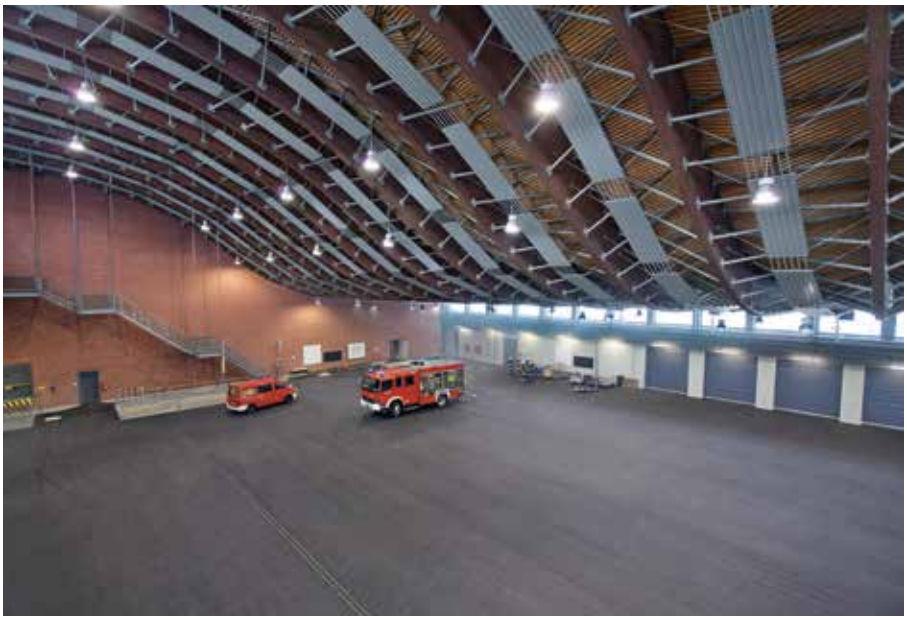
A challenge for the heating system as well. All of the planning specifications with respect to maximum space utilisation, performance and economic efficiency favoured a radiant ceiling system – a preference which the Zehnder radiant ceiling panels fulfilled most satisfactorily.

Unusually high temperatures are required, due to the extremely sensitive measuring processes on the Airbus 380. Even with a ceiling height of almost 30 m, the system is able to provide a homogenous indoor climate while at the same time ensuring high efficiency in terms of both energy and costs.

Fire Services Training School

Germany
Product: Zehnder ZBN
Design: radiant ceiling panel
Sheet steel with copper pipe

Water is its weapon: this is also reflected in the wavelike roof of the training hall at Regensburg's State Fire Services Training School. Eight years ago, the unusual 1970s construction finally became silent and is now cooled efficiently – all thanks to Zehnder radiant ceiling panels.



The floor space of the fire services training hall covers over 2,370 m². The increased energy efficiency of the radiant panels compared against air heaters has an extremely positive impact on operating costs.

Peace at last: the old air heaters were so loud that they had to be switched off before training could start. The radiant ceiling panels, however, work silently and – on account of their extremely short response times – only need to be activated just before the training session is to begin.

Cargolux hangar

Luxembourg
Product: Zehnder ZBN
Design: radiant ceiling panel
Sheet steel with copper pipe

Two football fields would fit in the huge hangar of the Cargolux aviation freight company in Luxembourg. Sufficient space, therefore, to perform maintenance on the big “birds” and to get them ready for their next flight.

An area of 17,000 m² and a ceiling height of up to 42 m: a considerable challenge for Zehnder ZBN. The principle of thermal radiation takes full effect here, particularly considering that the heat is required mainly in the lower area of the hall.

The fact that no dust particles are dispersed benefits not only the personnel but also the sensitive electronics in the aircraft.

Reifenhäuser

Germany
Product: Zehnder ZBN
Design: radiant ceiling panel
Sheet steel with copper pipe

The overhead crane can run just below the ceiling of the new hall and the company is able to make the most of the height available – radiant ceiling panels make this possible. The flat elements need only a hot water flow of a maximum of 80 degrees centigrade to enable the crane to run directly below the panels. In other systems, such as gas-fired radiant tube heaters, a configuration like this would not have been possible, as the crane would have to maintain a minimum distance from the heaters due to their high surface temperatures.

Flexible installation: in an older hall with a saw-tooth roof, it was no problem to suspend the Zehnder radiant ceiling panels parallel to the ceiling and adapted to the room geometry. The 20 per cent inclination does not compromise efficiency or how easy it is to distribute heat across the radiant panels.

Even heat distribution in all areas of the hall: the radiant principle used in the ceiling panels means that the temperature throughout Reifenhäuser is draught free, comfortable and above all constant. As well as being pleasant for the workforce, this also helps the precision work at the machine components.

ICE maintenance hall

Germany
Product: Zehnder ZBN
Design: radiant ceiling panel
Sheet steel with copper pipe

The ICE fleet of the German railway company, Deutsche Bahn, requires all kinds of different types of maintenance. A facility was built in Krefeld for this purpose in the record time of 12 months. Also on board: Zehnder radiant heating ceiling panels.

39 radiant panel modules were installed, with a length of 1,147 m. Placement of the panels required a large amount of skill in order not to be in the way of the crane rails running the entire length of the hall over the three sets of tracks.

Thanks to the differential between perceived and actual room temperatures, which is a specific feature of radiant heat, energy consumption is reduced in comparison with other systems.

Zehnder Rittling

USA
Product: Zehnder ZBN
Design: radiant ceiling panel
Sheet steel with copper pipe

With headquarters in Buffalo, New York, Zehnder Rittling produces heating and cooling systems for industry, commerce and other sectors. It is thus only logical that this Zehnder subsidiary has outfitted its plant with Zehnder radiant ceiling panels.

Zehnder ZIP radiant panels were used. An overall length of approximately 1,800 m was installed in 13,000 m^2 of plant area and 1,850 m^2 of office space, with ceilings ranging up to 30 m in height.

Efficient detail: most of the energy used to operate the radiant ceiling system comes from the waste heat of the plant's own painting bay. This means that the radiant panels heat and cool up to 98% of the time with cost-free heat.

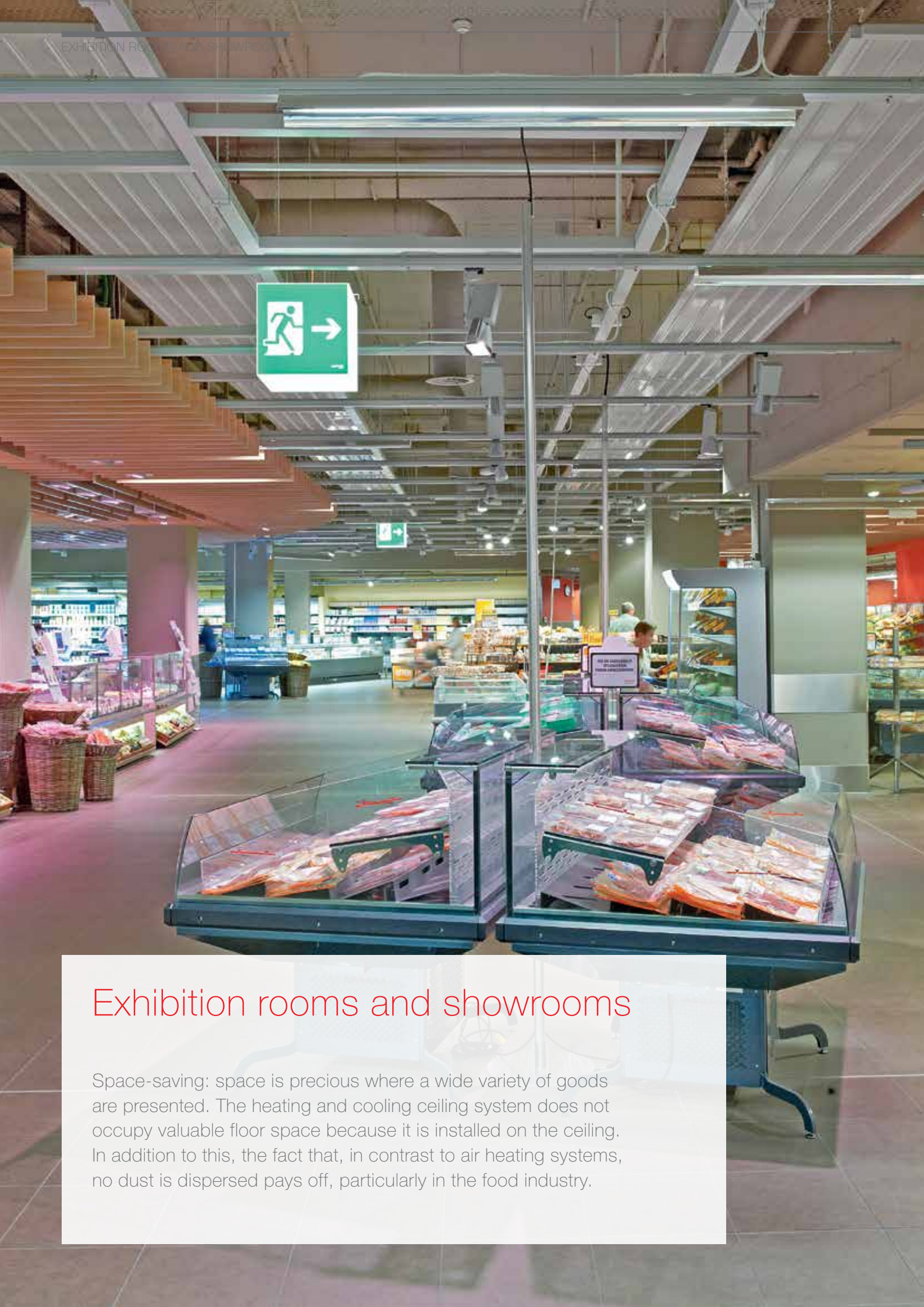
Rubin Mühle

Germany
Product: Zehnder ZIP
Design: radiant ceiling panel
Sheet steel with copper pipe

In 2014, successful family-run company Rubin Mühle from Lahr-Hugsweier at the foot of the Black Forest decided to develop a new production location in the town of Plauen in the German state of Saxony. With this development, Rubin Mühle Vogtland – one of the most modern mills in Germany – is championing biological agriculture and regional production, while also ensuring it is in closer proximity to a large number of customers.

At Rubin Mühle Vogtland, ten Zehnder ZIP radiant ceiling panels, each three metres in length, were installed. This intelligent form of heat supply can be mounted approx. two metres below the hall ceiling in a flexible and customised manner.

The heating system from Zehnder represents an efficient form of heat supply: due to the extremely cold winter months in Plauen, the industrial heat is not sufficient to ensure an acceptable temperature situation in the mill. What's more, the corrosion-protected design of the Zehnder radiant ceiling panels means that no pests can settle and thrive – guaranteeing optimum hygiene at all times.



Exhibition rooms and showrooms

Space-saving: space is precious where a wide variety of goods are presented. The heating and cooling ceiling system does not occupy valuable floor space because it is installed on the ceiling. In addition to this, the fact that, in contrast to air heating systems, no dust is dispersed pays off, particularly in the food industry.

Migros

Switzerland
Product: Zehnder ZBN
Design: radiant ceiling panel
Sheet steel with copper pipe

The Tivoli is the largest shopping and adventure centre of the Migros national supermarket chain in Switzerland. 22 different businesses provide a huge variety of offerings in terms of services, gastronomy and recreation on 12,317 m^2 of floor area.

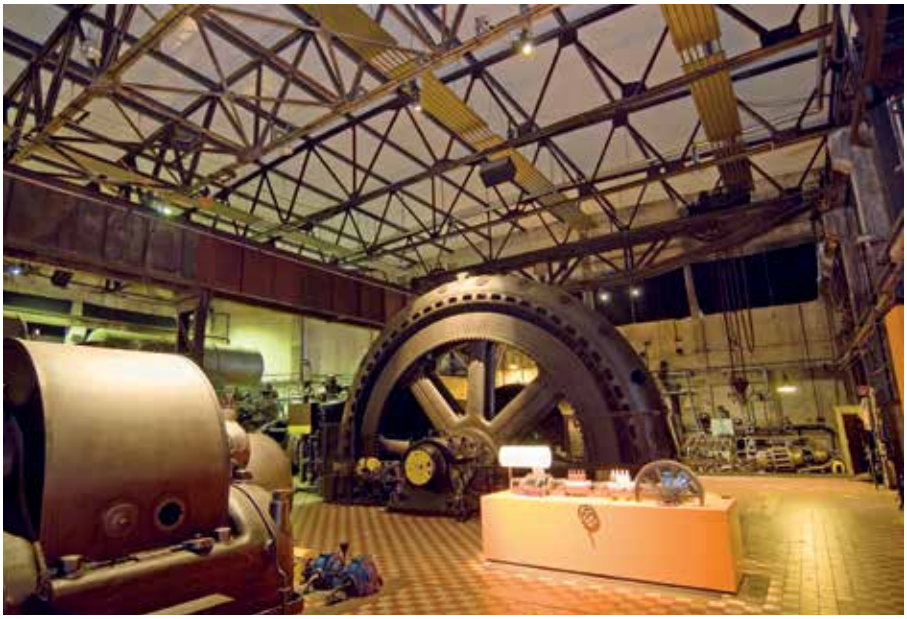
A mixture of people, equipment, goods and foodstuffs for which suitable climate conditions were provided: with a Zehnder radiant ceiling system, efficiently functioning, individually controlled and attractively integrated into the surrounding architecture.

An advantage of low-convection radiant heat: the dispersal of dust particles is minimised, which is good in terms of both health and the presentation of goods.

Völklingen ironworks museum

Germany
Product: Zehnder ZBN
Design: radiant ceiling panel
Sheet steel with copper pipe

From an ironworks to a visitor attraction: the Völklingen ironworks now attracts around 100,000 guests to its events every year. Zehnder radiant ceiling panels ensure comfortable temperatures.



The project was packed with challenges: the extensive array of halls. The requirements for preserving listed buildings. The large, cold masses of steel in the machinery...

These were solved with Zehnder ZBN radiant ceiling panels with surfaces made of untreated steel. They blend inconspicuously with the general appearance of the site; therefore the view of the roofs of the steel construction is retained.

Dauphin event hall

Germany
Product: Zehnder ZBN
Design: radiant ceiling panel
Sheet steel with copper pipe

Dauphin is not only one of the leading European office furniture manufacturers. The family also owns a prized private collection of vintage cars, which are cosseted by the best possible temperatures thanks to Zehnder ZBN.

The showroom, which is located in a former factory, was equipped with radiant ceiling panels across the entire installation length of just under 400 m. This perfectly meets the particular climate requirements of a museum.

As a result, both visitors and exhibits can enjoy a comfortable climate without any signs of draughts. The inlayed insulation considerably reduces sound reverberation within the high-ceilinged exhibition areas.

Kodin Terra DIY superstore

Finland
Product: Zehnder ZIP
Design: radiant ceiling panel
Sheet steel with copper pipe

The branches of Kodin Terra, Finland's best-known DIY chain, are the obvious choice in the country for construction materials, gardening and interior decoration. This also applies to Tuusula, located north of Helsinki.

Zehnder ZIP radiant ceiling panels took on the enormous task of providing sufficient heating and cooling in retail and warehouse areas with a floor area of 15,255 m^2 and a total volume of 126,960 m^3.

Thanks to minimum convection, the goods and the plants remain dust-free, the employees healthy and the thousands of daily visitors enjoy comfortable temperatures all year round, despite the fact that outdoor temperatures of -30 °C are reached in winter.

BMW dealership

Russia
Product: Zehnder ZBN
Design: radiant ceiling panel
Sheet steel with copper pipe

The BMW dealership in St. Petersburg is noteworthy not only for its product range but also for its architecture: the largest showroom in the city is also unique in the country.

The Zehnder ZBN radiant ceiling system was selected in order to enable the best possible indoor climate conditions to be achieved in both the showroom and the workshop. A total of 150 m² of individual modules were installed.

These provide not only comfortable temperatures, but also, thanks to low convection and the absence of dust dispersal, gleaming showroom models.

Volksbank Frontenhausen

Germany
Product: Carboline heating and cooling ceiling system
Design: metal sail
Activation: graphite sandwich with copper pipe

Due to the large glass surfaces and the resulting cooling load, the architecture means that particular requirements have to be met when it comes to controlling the room temperature.

The Carboline ceiling elements are ideal for both cooling and heating. The high thermal conductivity of the material natural graphite and the low mass of the elements ensures that short response times are achieved.

Comfortable indoor climate in the foyer: the Zehnder Carboline ceiling elements cool the space without so much as a sound or draught, and the lighting and air outlets harmonise with the cooling ceiling.

Waldecker Bank

Germany
Product: Alumline heating and cooling ceiling system
Design: closed metal ceiling
Activation: aluminium heat-conducting profile made with copper pipe

Bank becomes property developer: the new branch of the Waldecker Bank in Giflitz – all set for the future in terms of appearance and conditioning the air inside the building.

Aesthetic building technology: as well as ensuring a pleasant indoor climate throughout the bank, the Zehnder Alumline heating and cooling ceiling system and its flush ceiling elements also harmonises with the architectural concept of the property developer.

The heating and cooling ceilings also integrate as a trend-setting architectural design element for modern, suspended ceiling light fittings, for example.

Educational establishments and hospitals

Healthy and hygienic: optimum climate without dust dispersal is particularly important in the education and health sector: the improved indoor climate is beneficial to students and increases their ability to concentrate.

The heating and cooling ceiling system is an especially hygienic alternative in the hospital and care home sector.

University

France
Product: Carboline heating and cooling ceiling system
Design: metal sail
Activation: graphite sandwich with copper pipe

The Pierre and Marie Curie University in Paris enjoys an outstanding reputation: it attracts more than 30,000 students from all over the world. The existing buildings have now undergone a complete modernisation.

The building complex extends over a total area of 70,000 m^2.
12,000 modules of the Zehnder metal sails were installed over 7,275 m^2.

The form and surface of the heating and cooling sails were selected in such a way that they fit in perfectly with the overall architectural concept. Lighting elements were also integrated into some of the panels.

University of Wuppertal

Germany
Product: Carboline heating and cooling ceiling system
Design: metal sail
Activation: graphite sandwich with copper pipe

“Studying in the third millennium”: modern visual and structural renovation concepts in harmony with the new air-conditioning technology of the European indoor climate specialist – Zehnder Group Deutschland GmbH from Lahr.

The spacious foyer exhibits clarity of design, is modern and has an open layout. The heating and cooling ceiling system from Zehnder integrates perfectly in the architectural concept including the suspended light fittings.

Architects use colour and light as an excellent means of visual enhancement. As the windows at the back of the lecture theatre create the special atmosphere of the room, the property developers concentrated on the ceiling when it came to installing the heating and cooling system.

ZBZ research centre

Germany
Product: Zehnder plasterboard ceiling
Design: plasterboard sail
Activation: aluminium heat-conducting profile made with copper pipe

The dental medicine and life sciences research and development centre, referred to as ZBZ for short, is the only project of its kind to date in Europe. This means that exceptionally high requirements were also placed on its indoor climate.

A solution using closed heating and cooling ceilings was the obvious choice: Zehnder plasterboard sails guarantee that patients, physicians and clinic personnel experience comfortable room temperatures and acoustics during work and treatment, with high energy efficiency.

The aesthetic challenge: the imposing cylindrical shape of the building presented no problems for the ceiling sails – they were tailor-made at the factory to match the outline of the ceiling.

Warehouses and high-bay warehouses

Energy-efficient: by using radiant ceiling panels, large and high halls can also be heated in an energy-saving manner. It is particularly in buildings with extremely high ceilings of up to 50 m that the heating and cooling ceiling system – in comparison with air heating systems – proves itself to be an especially energy-efficient solution.

Letter sorting centre

Switzerland
Product: Zehnder ZBN
Design: radiant ceiling panel
Sheet steel with copper pipe

Performance is given special emphasis at the letter sorting centre in Härkingen. It's no wonder: after all, no fewer than 5,900,000 letters must be processed here each day on 38,000 m² of indoor space. It takes 780 employees in three shifts to accomplish this.

It is only logical that emphasis is also placed on having a high-performance system in the area of air-conditioning technology: with Zehnder radiant ceiling panels, the planners of the modern logistics centre opted for pure efficiency.

Ideally suitable for high-ceiling spaces, e.g. the Härkinger high-bay warehouse, the system provides optimum and efficient heating and cooling, in line with the season.

KiK logistics centre

Germany
Product: Zehnder ZIP
Design: radiant ceiling panel
Sheet steel with copper pipe

Good quality at reasonable prices: this is the simple but successful concept behind the textiles and non-food supplier KiK. It is only logical that cool calculations are applied to heating costs at the company's logistics centre.

Zehnder ZIP radiant ceiling panels have shown themselves to have been a good choice: with extremely low convection and high energy efficiency, they represent the optimum solution in the 38,626 m² warehouse.

A total of 266 individual modules with a total length of 2,628 m were mounted. The great advantage: the panels no longer need to be welded, but can now be pressed or screwed into place instead.

Kaufland central warehouse

Poland
Product: Zehnder ZBN
Design: radiant ceiling panel
Sheet steel with copper pipe

The German supermarket chain Kaufland is also active in Eastern Europe. A gigantic central warehouse has been constructed for this purpose in the Polish city of Wola Krzysztoporska – representing an equally gigantic task for Zehnder ZBN.

The building is divided into two areas – 5,205 m² and 8,040 m² in size – and was outfitted in two stages. Because the second construction stage took place in the winter, the radiant panels which were already installed were able to be used as a source of heat.

This resulted in a tour de force in terms of construction – and the largest logistics installation in the world equipped with Zehnder ZBN.

Anttila logistics centre

Finland
Product: Zehnder ZIP, Zehnder ZBN
Design: radiant ceiling panel
Sheet steel with copper pipe

Anttila is one of the largest department store chains in Finland, the nationwide branches and online stores of which are visited annually by millions of people – and where millions of articles are sold.

An enormous logistical task, for which a huge logistics centre was built in the vicinity of Helsinki: 21,000 m^2 of floor area, 330,000 m^3 in volume, 35 m in height – and all heated by Zehnder ZIP and ZBN.

In order to ensure that construction could continue through the winter, the radiant ceiling panels were installed at an early stage of construction in order to defy the icy outdoor temperatures which drop as low as -30 °C.

Striebig logistics centre

France
Product: Zehnder ZIP
Design: radiant ceiling panel
Sheet steel with copper pipe

Hatten is a small community in Alsace. Even so, one also finds largeness of scale here – such as the Striebig logistics hall, in which logistical tours de force are accomplished every day.

Emphasis is also placed on performance and efficiency in the area of air-conditioning technology, in the form of a Zehnder heating and cooling ceiling system. 20 km of Zehnder ZIP radiant ceiling panels were installed.

These proved to be the ideal choice for both people and material at the logistics centre – and guarantee high performance values, low energy consumption and comfortable temperatures.

ALWAYS THE BEST CLIMATE

“We strive to improve the quality of life by providing the finest indoor climate solutions.”

Excellent team
Every day we combine passion, expert knowledge and commitment to give you the best results.

Great solutions, products and services
Great products and unique service for an energy-efficient, healthy and comfortable indoor climate.

WE ARE THE SPECIALISTS FOR A HEALTHY, COMFORTABLE AND ENERGY-EFFICIENT

The broad and clearly structured portfolio from the Zehnder Group is split into four product lines. Consequently, we can provide our customers with the right product, perfect system and matching service for all types of projects – from new build to renovations, single or multi-occupancy homes, as well as commercial projects. This variety ensures that our wealth of experience is continuously expanding, providing tangible added value to our customers on a daily basis.

Decorative radiators
Our individual decorative radiators for living and bathrooms make a home not only warmer but also more attractive. Created by renowned designers, they impress with excellent functionality.

OUR BRANDS EMBRACE INNOVATION, QUALITY AND DESIGN

zehnder

The Zehnder brand offers excellent indoor climate solutions within the product lines of decorative radiators, comfortable indoor ventilation, heating and cooling ceiling systems and clean air solutions.

runtal

The Runtal brand develops and manufactures exclusive radiators combining innovative technologies with unique designs.

First choice for customers
Always close to the needs of our customers, to grow with you and overcome all challenges together.

INNOVATION OVER 4 GENERATIONS

MANUFACTURER OF THE WORLD'S **1st** STEEL AND BATHROOM RADIATOR

REPRESENTED IN MORE THAN **70** COUNTRIES

AROUND **3,000** EMPLOYEES

14 OF OUR OWN PRODUCTION PLANTS IN EUROPE, NORTH AMERICA AND CHINA

INNOVATION SINCE **1895**

830 PATENTS AND DESIGN RIGHTS THROUGHOUT THE WORLD

MORE THAN **20,000** CUSTOMER TRAINING SESSIONS PER YEAR

INDOOR CLIMATE

Comfortable indoor ventilation
Our comfortable indoor ventilation is energy-efficient and provides a healthy indoor climate. It promotes the wellbeing of the occupants and increases the value of the property.

Heating and cooling ceiling systems
Zehnder ceiling systems are convenient and energy-efficient for heating and cooling. They are perfectly attuned to the relevant environment.

Clean air solutions
Clean air systems from Zehnder reduce the level of dust in the air, create a healthier working environment and reduce the amount of cleaning required.

BEST QUALITY CERTIFICATES

Zehnder Group products are frequently awarded prizes for design and innovative technology.

iF DESIGN AWARD 2016

reddot award 2016
best of the best

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