

# VENTILATION *TECHNOLOGY*



 **PICHLER**

*Systematic ventilation.*



# A SYSTEMATIC CONCEPT

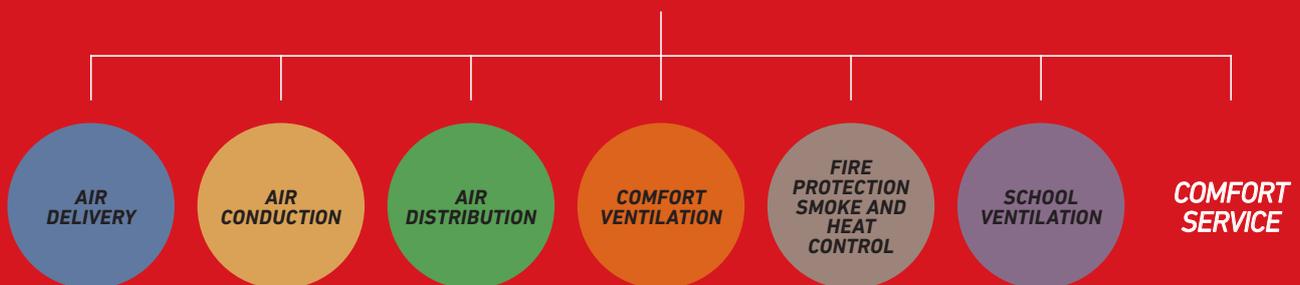
PICHLER VENTILATION TECHNOLOGY -  
FIRST-CLASS AIR QUALITY FOR OVER 65 YEARS.

At Pichler ventilation technology we have been providing greater comfort for dwellings, offices, portal buildings and other buildings in both Austria and the rest of Europe for more than 65 years. What started out as a small family business is now a modern,

innovative model company in its second and third generation in the ventilation industry. We develop, design, produce and commission components and whole installations. Our motto is everything from one source, for pleasant air in all rooms.

## THE COMPLETE PICHLER PRODUCT RANGE

Our extensive range of products covers all important areas of ventilation technology. Pichler's full range of products is subdivided into six product areas and the Pichler-Comfort-Service (see diagram).







## COMFORT

VENTILATION WITH A SYSTEM - FOR PEOPLE WITH HIGH REQUIREMENTS.

It is all around us every day – invisible and yet so important for our well-being – the air we need to breathe. If your body feels pleasant and comfortable, it depends to a high degree on the air quality. This is where our ventilation systems come in, because clean air alone is not enough for us. Continuous further development and improvement by our expert staff as well as expansion and modernization will also secure the high quality of our products in the future. This is ensured by over 300 expert employees. A top team that delivers maximum performance for our customers. And every day.

### THE BEST AIR COMES FROM AUSTRIA

The headquarter of our company is in the city of Klagenfurt. It is the home of the production division of Pichler's quality products and is the starting point for our research projects, new developments and laboratory activities. Our customers enjoy the rapid availability of our products from our Klagenfurt and Vienna sites.

### AIR CHANGE EXPORTED TO EUROPE

Our success history started in Slovenia over 25 years ago. We now have our own branch in Maribor and are meanwhile one of the leading companies in the industry. In 2007 company Airvent in Bosnia was opened, in 2022 the Czech branch in Moravská was integrated. Another site has been set up and expanded in the city of Belgrade in Serbia.

#### *Facts and figures*

- 7 branch offices in Austria (2x), Germany, Czech Republic, Slovenia, Serbia and Bosnia.
- Approx. 300 expert and highly motivated employees are in action for you every day.

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*"The air that we breathe is part of our quality of life. We make a contribution towards people being able to simply feel better in their own four walls."*







#### *Facts and figures*

- 13 Pichler trucks are on the road for you all over Austria.
- 10,000 of Pichler's standard articles are permanently in stock and can be ordered for immediate delivery.

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*"We have invested in an extremely high degree of delivery flexibility and reliability. Whatever you may need, we'll move heaven and earth to achieve it for you."*

## EFFICIENCY

OUR ADDITIONAL SERVICES  
MAKE ALL THE DIFFERENCE.

What our customers value greatly in us is the particularly high degree of availability of our comprehensive product range. Thanks to a refined inventory management system we are able to deliver the standard items of our range immediately. Prompt, customer-orientated service provided by our technical and logistics teams, i.e. genuine partnership, is an important cornerstone of our company.

### TECHNICAL SERVICE INCLUDED

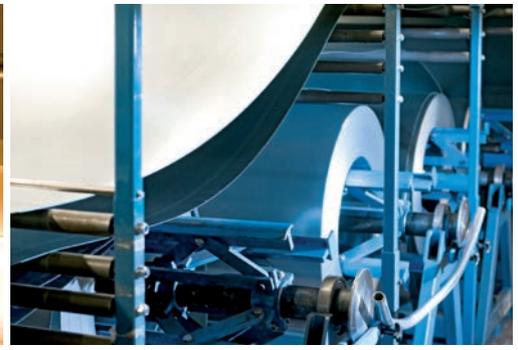
Our technical advisors are in action all over Europe to assist you with our proposed solutions and expert support for everything that relates to your ventilation project. We support you, in conformity with your requirements, from the technical consulting stage through to the initial startup of the complete system.

### DIRECT COLLECTION OR IMMEDIATE DELIVERY

You can either collect our ex-stock products yourself from Klagenfurt or Vienna or you can have them delivered for your convenience to the relevant construction site. For the Vienna region we have set up our own express route with daily deliveries so that our goods can reach you even quicker. This enables us to offer you an exclusive service with our own fleet of vehicles.







## FURTHER DEVELOPMENT

ONLY THE BEST QUALITY IS GOOD ENOUGH FOR OUR CUSTOMERS.

Ventilation components and systems must satisfy many quality requirements: Operational safety, efficiency, acoustics, design etc. That is why we invest constantly in the development and improvement of our production processes. We test our components in an acoustic cubicle, perform seal-tightness tests and expose our products to extreme conditions in a cold chamber. Only the best products succeed at our company.

### STANDARDS IN STEP WITH THE TIMES

Our innovative company is able to introduce our decades of acquired know-how into the formulation of standards in the field of ventilation technology. Our leading technicians collaborate actively on the ON committee and in various working groups of the Austrian standards institute.

### SEAL-TIGHTNESS ALL THE WAY DOWN THE LINE

We produce components with high seal-tightness classes so that you are able to save energy every day. They pass through several internal tests in the laboratory and in the production process. Products with requirements for seal-tightness class C are also produced at our company. In this way we make a further contribution to energy-efficient solutions, because where no air is lost, hard cash is saved.

#### *Facts and figures*

- 30,000 tested Pichler articles are in the current assortment.
- Hundreds of quality tests are performed annually in our laboratories.

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*"These are the main features of our systems: quiet, energy saving, operator friendly and environmentally friendly and the state of the art."*





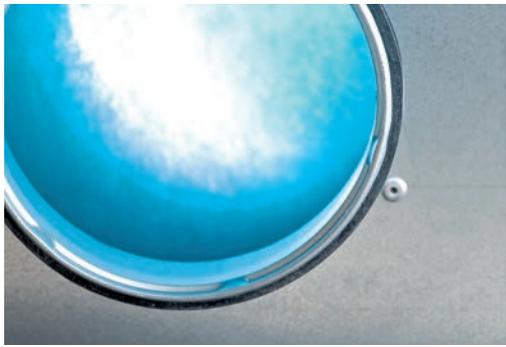




**AIR  
DELIVERY**

VENTILATION UNITS  
FANS  
SINGLE ROOM FANS  
SPECIAL APPLICATIONS





#### *Facts and figures*

- Select one of our ventilation units for an air volume of up to 100,000 m<sup>3</sup>/h.
- All fans that are commercially available are in our assortment.

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*“Our ventilation and air conditioning units provide clean and fresh air so that you can breathe.”*

## ENERGY EFFICIENCY

AIR DELIVERY - GREAT VARIETY, GREAT BENEFITS

**Air treatment and air conditioning:** Our ventilation units are really in their element in this area. Our assortment ranges from inexpensive small units to powerful large systems. Our units are energy efficient and acoustically optimized.

### REALLY COMPACT VENTILATION UNITS

Whatever your ventilation requirements may be, whether it's a residential house, an office building, indoor swimming pool or child care centre, we have a suitable solution for you. The ventilation units made in Klagenfurt with passive house certificate as well as the regulating and control system are matched to the relevant application, tested together with the system as a unit and provide for convenient and easy operation.

### FANS FOR ALL REQUIREMENTS

We offer an extensive range that covers whisper fans, pipe fans, duct fans and roof fans. All commercial dimensions can be supplied or collected immediately.





**AIR  
CONDUCTION**

AIR LINES  
SOUND INSULATION  
AIR REGULATION  
AIR LINE COMPONENTS  
MOUNTING AND INSTALLATION MATERIALS





#### *Facts and figures*

- 15,000 m<sup>2</sup> of warehouse and production area.
- 3,500 tonnes of sheet steel are processed by us annually.

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*“The safety of people is important to us. That is why we work constantly on the further development of fire protection and sound insulation technology.”*

## ASSERTIVENESS

AIR CONDUCTION -  
FROM A MARKET LEADER.

We are an Austrian producer that offers you components for air conduction and complete air piping systems such as round and rectangular air pipes and fittings. All popular dimensions are available ex-stock, regardless of whether they are available as individual pieces or in pack units.

### VOLUME FLOW REGULATORS PUT TO THE TEST

Whether round or square: all Pichler volume flow regulators – without exception – are tested prior to dispatch. They are subjected to functional ventilation testing and are preconfigured according to customers' specific requirements. In this way, we ensure that our systems function properly, economically and in an energy-efficient manner. Pichler volume flow regulators are also available in combination with built-in deflection sound absorber splitters.

### SOUND INSULATION FULLY SILENCED

Our ventilation systems and components are acoustically optimally designed. Any new development and further development of our silencers is intended to make the operation of our systems more pleasant for people. Our products are tested in our acoustics cubicle with regard to their sound emissions and silencing capacity. Our silencers are also available for delivery immediately in all standard dimensions.





**AIR  
DISTRIBUTION**

UNO-DUCT NOZZLE SYSTEMS  
AIR DIFFUSERS  
AIR VALVES  
FLOOR CONVECTORS  
FILTERS  
KITCHEN HOODS





## INNOVATIVE STRENGTH

### AIR DISTRIBUTION - INFINITE POSSIBILITIES

Ideal air distribution in a room requires special know-how. We place importance not only on flow optimization, but also on architecturally attractive designs. Besides a large range of air diffusers, air grilles and valves etc. we have also invested in our own developments in the field of air distribution. The two highly innovative systems, Pichler UNO-DUCT and Pichler PDD, were created in research projects that were performed in collaboration with renowned institutes.

#### PICHLER UNO-DUCT NOZZLE SYSTEMS

Uniform, smooth and thorough – that is how the air in a room has to be mixed so that a feeling of comfort spreads. With our design-protected nozzle system UNO-DUCT we provide for perfect air distribution in the wide range of different areas of application, whether these are offices, shopping centres, schools or industrial buildings.

#### PICHLER PDD SWIRL DIFFUSERS

We developed the Pichler PDD so that you can achieve a pleasant room climate in your residential or business premises. Our design-protected swirl diffusers provide excellent air distribution in a room, which promotes physical well-being. The air supply is flow optimized, the velocity and temperature being rapidly reduced – a system that provides all-round comfort.

#### *Facts and figures*

- 200,000 black and white Pichler PDD air cylinders are installed annually by us.
- 20,000 Pichler Uno-Duct nozzles are processed by us in a year.

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*“You want to feel air quality, but not necessarily see it. That is why we place great importance on the aesthetic integration of our products into modern architecture.”*





**COMFORT  
VENTILATION**

ROOM VENTILATION UNITS  
COMPACT VENTILATION UNITS  
MODULAR VENTILATION UNITS  
HEAT PUMP COMBI UNITS  
AIR HUMIDITY UNITS  
AIR CONDUCTION  
AIR DISTRIBUTION





#### Facts and figures

- Innumerable Pichler comfort ventilation systems have been installed since 1993.
- Passive-house certified versions can be ordered ex-stock from the Pichler range.

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*“Clean air alone is not good enough for us. We have developed an energy-efficient complete system that brings comfort to your residential and working rooms.”*

## AIR COMFORT

PICHLER COMFORT VENTILATION SYSTEMS -  
ENERGY-EFFICIENT COMFORT VENTILATION SYSTEMS  
FOR APARTMENTS, HOUSES, SCHOOLS & OFFICES.

A healthy, pleasant living space climate for a feeling of well-being: Our systems are residential ventilation systems that are designed especially for apartments, houses and offices, hotels or schools, helping to bring comfortable heat, an ideal air exchange and a pleasant atmosphere into your rooms.

#### FLEXIBILITY TO SUIT THE TYPE OF BUILDING

Our apartment ventilation units (central solutions or individual units, which includes units for passive house and low energy construction) heat, cool and generate hot water. We implement your requirements flexibly and reliably, and deliver clean systems all round – we allow your living space to breathe.

#### OPTIMAL INDOOR AIR HUMIDITY AT THE PRESS OF A BUTTON

Our systems are easy to operate, particularly energy efficient (confirmed by certification centres) and, in addition to all this, regulate the air humidity. Our active air humidifier, the LBE, provides you with constant indoor air humidity (excellent hygiene values), greater well-being and increased living comfort.





**FIRE  
PROTECTION  
SMOKE AND  
HEAT  
CONTROL**

FIRE DAMPERS

FIRE SMOKE CONTROL FLAPS

FIRE PROTECTION CLOSURE

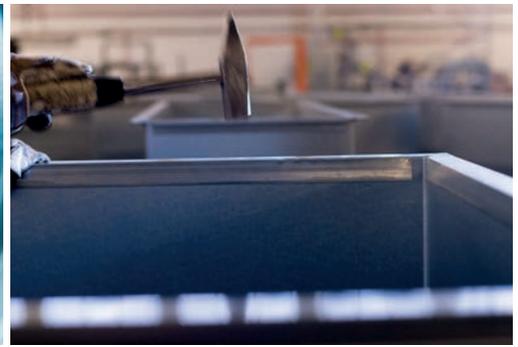
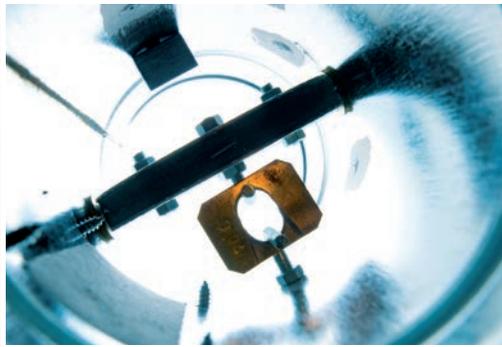
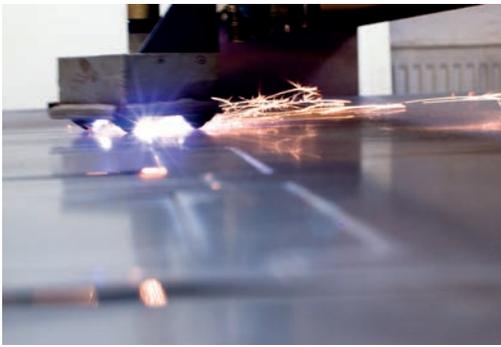
PRESSURE VENTILATION

SMOKE DILUTION

MECHANICAL CHANNEL AERATION

CO WARNING SYSTEM





## COMPETENCE CENTRE

FIRE PROTECTION - NEW CONCEPTS  
AND PRODUCTS FOR GREATER SECURITY

At Pichler, we have assembled an expert fire protection team over the past ten years. We have established a competence centre in which we develop new, all-in-one systems for pressure ventilation, for example, and advance new developments in fire protection products. We work in close cooperation with authorities, inspection bodies and institutes at all times.

### FOCUSED ON FIRE PROTECTION

In our range you will find a wide assortment of fire protection systems, as the fire dampers EI 90 (S) with CE mark, that we keep in stock in many different dimensions. Apart from this we are a member of the Austrian society "Pro Brandschutz" ("In support of fire protection"), which among other things defines the quality objectives for fire protection and smoke extraction, assuming consulting and information functions and providing recommendations for fire protection.

### SIMULATION AND TEST FACILITY

We work with a unique, ultra-modern simulation and testing facility for smoke extraction systems at our company headquarters in Klagenfurt. The knowledge gained from our studies and test scenarios feeds directly into our development activities for better, more efficient systems and products. And for greater safety.

#### *Facts and figures*

- Our range includes thousands of fire protection products.
- Countless multi-storey housing developments have already been fitted with Pichler fire dampers.

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*"People's safety is important to us. That's why we're committed to continued development in the area of fire protection."*



A photograph of a bright, modern classroom. The room features exposed dark wooden beams on the ceiling and light-colored wooden floors. Several small, square tables with light green tops and wooden chairs are arranged in the room. A large window with a white frame and a radiator below it is visible in the background. A silver metal duct runs along the ceiling on the right side. A purple circle is overlaid on the left side of the image, containing the text 'SCHOOL VENTILATION'.

**SCHOOL  
VENTILATION**

DECENTRALISED COMPACT VENTILATION UNITS  
FLOOR OR CEILING UNITS  
CENTRALISED COMPACT- UND MODULAR UNITS  
FOR NEW-BUILDS AND RENOVATIONS  
IN ACCORDANCE WITH VDI 6022



#### *Facts and figures*

- Pichler school ventilation systems for an excellent learning comfort, a healthy room climate and maximum energy efficiency.
- From the nursery school to the technology park - a wide variety of projects have been installed successfully

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*»We have the perfect ventilation technology solution for every application and every building size: from small-scaled nursery schools to university campuses, including multi-storey school buildings.«*

## SYSTEM DIVERSITY

THE RIGHT SOLUTION FOR EVERY EDUCATIONAL ESTABLISHMENT

### INDIVIDUAL SOLUTIONS

As a specialised provider for comfort ventilations, we provide the individually tailored system solution for every educational establishment. Whether we are dealing with nursery schools and day-care centres, primary schools, secondary schools, secondary academic schools, universities of applied sciences, universities, seminar centres or any other type of educational establishment, our ventilation specialists will provide you with comprehensive advice and assistance in finding your ideal solution.

### FROM CLASSROOMS TO LABORATORIES

The scope of application is wide: classrooms or assembly rooms, corridors, ballrooms, lecture halls, gyms, changing rooms, showers, toilets, kitchens, laboratories, workshops, etc. can be efficiently ventilated with our ventilation systems. When it comes to planning and dimensioning, decisive factors are for instance the way in which the rooms are to be used, the architecture of the building, the number of pupils, teachers and employees and for how long they will be staying in the room, standards and guidelines as well as the individual goals you wish to achieve.

### FOR NEW-BUILDS AND RENOVATIONS

Our complete systems are used for both new buildings and renovation projects. All PICHLER comfort ventilation units used in nursery schools, schools and comparable buildings are highly efficient and extra quiet; from the decentralised LG 740 to the centralised LG 10000. They work fully automatically, are user-friendly and can be monitored via remote access on request.



# *COMFORT SERVICE*

SUPPORT  
CUSTOMER SERVICE  
SPARE PARTS  
TRAINING  
DELIVERY SERVICE

Artikel: 231437 Vorg. 292251  
ZULUFTFILTER LG250  
BxHxT 200x460x48 mm, F





#### Facts and figures

- +43 463 32769-290 – your Comfort service hotline.
- Quick and expert solutions through our service team.

*“Top-quality service is our number 1 priority. We’re only satisfied when you are.”*

## ADDED VALUE

PICHLER COMFORT SERVICE –  
WE MAKE IT EASY FOR YOU

Our Comfort portfolio offers a wide range of technical services. Our team of qualified, well-trained staff ensure the highest levels of service quality. You can expect top-quality performance, total commitment, absolute reliability and exemplary teamwork.

### SUPPORT AND CUSTOMER SERVICE

Whether it’s about rectifying a system malfunction, functional monitoring, a response to a technical query or planning support: our service team will be pleased to assist you. In addition, they guarantee proper installation, start-up, maintenance, cleaning and inspection of your ventilation system. Quick and competent.

### SPARE PARTS AND TRAINING

We have over 10,000 standard items in stock and immediately available at all times. Thus, all original Pichler parts are guaranteed to be an exact match, safe, and reliable in operation. You can also reap the benefits of our trainers’ know-how. They can put together individual training sessions and seminars for you, or for your employees and partners, and can provide in-depth technical knowledge – from practice and for practice.





# ENTHUSIASM

TOP LIST REFERENCES  
FROM ALL OVER THE WORLD.

## HOTELS & EVENT COMPANIES

- MuTh Vienna Boys Choir, Vienna
- Sacher hotel, Vienna
- Velden casino
- Schönbrunn zoo, Vienna
- The museum district in Vienna
- Thermerland Congress Center, Loipersdorf
- Hotel Slovenia I. Portorož, Slovenia

## SCHOOLS, TRAINING CENTRES & LEISURE CENTRES

- The vocational college, Klagenfurt
- Graz university
- Military academy, Vienna Neustadt
- Khevenhüller barracks, Klagenfurt
- Sport and leisure centre, Strallegg

## OFFICES, BANKS & INSURANCE COMPANIES

- DC Tower, Vienna
- Telekom FG 20, Vienna
- The administrative building Dampfschiffstrasse, Vienna
- Vienna municipal state directorate, Graz
- Planning group Buerobox Square, Graz
- UniCredit Leasing Tower, Graz

## THERMAL BATHS & SWIMMING POOLS

- Grimming thermal baths, Bad Mitterndorf
- Loipersdorf thermal baths
- The thermal baths and well-being hotel, Bad Blumau
- Golf and thermal bath resort Bad Waltersdorf
- The sport and well-being baths Eggenberg
- The spa therapy house Bad Tatzmannsdorf
- Amade thermal baths, Altenmarkt

## THE RETAIL & CATERING TRADE

- Seiersberg shopping centre, Graz
- Atrio shopping centre, Villach
- HOFER distribution centres and branches in Austria, Slovenia, Croatia
- Interspar branches in Austria
- IKEA, Graz and Klagenfurt
- Rutar Center, Klagenfurt
- Hypermarket Tuš, Kranj, Slovenia
- GIGASPORT branches in Slovenia

## INDUSTRIAL ESTATES AND BUSINESS PARKS

- Funder Isowood, St. Veit
- Infineon, Villach
- Lenzing AG, Austria
- Telfs catastrophe aid centre
- Hinterstoisser air base, Zeltweg
- OMYA BEHEER B.V., AB Moerdijk, Holland
- Lacquer and paint factory, Ljubljana, Slovenia

## COMFORT VENTILATION

- Olympic city, Innsbruck
- WHA Vögelebichl, Innsbruck
- WA Lodenareal, Innsbruck
- WHA Korneuburg
- WHA Hollabrunn
- WHA Prinzersdorf
- WHA Tulln
- Babilon hostel, Ljubljana, Slovenia
- Elementary school Miklavz, Slovenia
- The motorway services before Ljubljana, Slovenia





klimaaktiv  
Partner



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**PICHLER**

*Systematic ventilation.*

**J. PICHLER**  
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