euroclima

euroclima®

We care for better air






# WE CARE FOR BETTER AIR

...SINCE 1963


euroclima®
We care for better air

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# WE CARE FOR **BETTER AIR**



# LOCATIONS

**We are your partner** for innovative, customized air conditioning systems and Air Handling Units. Our local contact persons will be happy to advise you and present numerous possible solutions.

Thanks to our **local presence in more than 60 countries**, we can ensure comprehensive **service in sales and customer service**. Our broad distribution network spans sales and service offices throughout Europe, Asia, the Middle East, North Africa and Australia.

We have been providing better air and a healthy indoor climate for more than 60 years and are a true pioneer in this area. Since inception, we have continuously advanced innovations and developed into a global leader in customised Eurovent certified Air Handling Units. Our many years of expertise are reflected in the quality of our products. We always strive to meet the needs of our customers and look forward to shaping the future of indoor air technology in the coming decades.



**Europe**

» ITALY
(Brunico, Rovereto, Mestrino)

» AUSTRIA
(Sillian)

**Dubai**

**Mumbai**

» **Worldwide uniform production & equipment standard**

» **Equipment design is centralised for all projects worldwide in the Sillian & Bruneck plants**

**6 PRODUCTION SITES**
PROJECTS IN 120 COUNTRIES

**580+**
EMPLOYEES

**WORLDWIDE PRESENCE**
WITH SALES AND SERVICE PARTNERS

**50.000 m²**
PRODUCTION AREA




# MILESTONES
# **OUR HISTORY**

**2026**
Foundation
Visionclima

# HISTORY

Josef Schmidhammer founded an installation company in South Tyrol in 1953. The company's own need for Air Handling Units was ultimately decisive in for **laying the foundation for the company Euroclima** in Bruneck in 1963. **In 1980, a new plant was founded in Sillian** (AT). The daughter Karin Stolzlechner took over the chairmanship of the Executive Board of Euroclima in 2008. **In 2010, the fan coil unit manufacturer** Bini Spa was taken over and renamed into Bini Clima Srl. **In 2013, the company Euroclima India was founded**, where today approx. 50 employees produce central Air Handling Units for the Southeast Asian market on 5,000 m². **In 2016, Euroclima took over an existing plant in Dubai** and founded Euroclima Middle East. Today, Euroclima produces on approx. 6,000 m² and with about 100 employees Air Handling Units based on European technology for selected markets of the Middle East.

With the **expansion** of Euroclima Austria in **2020/21**, the introduction of a fully automated bending system in 2023, and the hall expansion and commissioning of the automatic welding system in **2025**, Euroclima continues to focus on innovation and expanding its production capacities to meet the growing demands of the market.
In **2026**, the Euroclima Group established its new **Visionclima plant in Mestrino** (IT)..




- **Family business in the 3rd Generation**
- **Worldwide presence with sales and service partners**
- **Leader for high-tech solutions**

**FAMILY COMPANY**
3° GENERATION

**60 YEARS**
EXPERIENCE

**MANAGEMENT-RUN**
WITH FAMILY VALUES



# TOGETHER ACHIEVING **GREAT THINGS**

# CUSTOMER SATISFACTION & PARTNERSHIP

From the very beginning, **customer-oriented solutions** of the highest quality have distinguished our product and made us the first point of contact for **technological excellence** today. The **individual support** of our customers and their needs are fundamental to our success.

We will remain true to these principles in the future, so that we can tackle the new challenges of the **future** with optimum prerequisites.



- **Professionalism and commitment of employees**
- **Teamwork and a close relationship with our customers and partners**
- **Long-term experience and know-how combined with a spirit of innovation**
- **Quality and reliability**

*"Thanks to the 15-year partnership with Euroclima, I feel part of the Euroclima team, from which I always receive the necessary support and conditions to build up the market and work successfully in the Netherlands. This cooperation has enabled us to advance innovative solutions, and we are proud that we have already developed many high-quality technical Air Handling Units over the years."*



Carst Mulling
GF Altop International /
Distribution Partner for the Netherlands

*"I appreciate Euroclima's diverse areas of responsibility, independent work and the excellent cooperation between the individual teams. In addition, the company offers me flexible working hours as well as appreciation and recognition during my work."*



Katrin Huber
Euroclima Secretariat/Transport Documentation and Invoicing



HEATWHEEL

REVERSIBLE REFRIGERATION CIRCUITS

PLATE HEAT EXCHANGERS

RUN AROUND COIL SYSTEM

ACCUMULATORS

COUNTERFLOW HEAT EXCHANGERS

# RESPONSIBLE & **RESOURCE-CONSCIOUS**

# TAKING RESPONSIBILITY. SHAPING THE FUTURE.

For Euroclima, sustainability is an essential part of our corporate responsibility. We pursue three key objectives that guide our actions and drive our continuous development:

**Green Production**

We continuously work to improve our energy efficiency and rely on renewable energy sources to supply our production facilities. These include electricity generated by our own photovoltaic systems, as well as geothermal energy, solar thermal energy and biomass for heating. In addition, we source electricity from renewable energy providers.

**Resource Efficiency**

We are committed to using materials and resources responsibly and efficiently. To achieve this, we use recycled raw materials and implement casing concepts that allow for complete disassembly and recycling of individual components. Furthermore, we focus on long-term partnerships with local suppliers, consolidate deliveries and work with local logistics providers.

**Highly Efficient Air Handling Units (AHUs)**

We develop and manufacture energy-efficient air handling units designed to ensure energy-efficient operation and a healthy indoor climate. Our Air Handling Units are engineered to optimise energy consumption during operation and thereby contribute to reducing $CO_2$ emissions across a wide range of applications. Improving indoor air quality and delivering energy-efficient solutions are at the heart of our product development.



- **Environmental certificate ISO 14001**
- **Our energy resources:**
  - Photovoltaic
  - Wood pellet heating system
  - Geothermal
  - Solar heating
  - Heat pumps
- **Designed for dismantling**
- **Energy-efficient machining equipment**
- **Heat recovery**
- **EcoVadis sustainability assessment**

**RENEWABLE ENERGY**

IS AN INTEGRAL PART OF OUR ENERGY SUPPLY IN BRUNECK AND SILLIAN.



# WE ARE
# **READY FOR THE FUTURE**

# PRODUCT DEVELOPMENT & AUTOMATED PRODUCTION

**Pioneering innovations** are created and existing products are continuously improved in our R&D office.

We challenge ourselves to not only use the technology, but to **help shape it**. That's what our **weekly development meetings** are all about, where management can quickly make decisions to advance developments and improvements.

Quality is our absolute priority, so we have first-class suppliers, **high-quality production methods** and **the toughest quality criteria**. Detailed discussions with our customers contribute to a clear understanding of their needs and help in the careful elaboration of the projects.

**Highly qualified** and **conscientious staff** paired with state-of-the-art manufacturing technologies enable us to provide **customer-specific** and **reliable products** with the highest quality and reliability – and this **at a fair price** and with the shortest delivery times.




- **Continuous improvement systems**
- **100% automated panel production**
- **Series parts which combined with each other make the great flexibility of our units possible**

**KVB**
IMPROVEMENT PROCESS

**24/6**
PANEL PRODUCTION

**HIGH-TECH PRODUCTION**
SMART SYSTEMS

**RESEARCH**
AND DEVELOPMENT



# TESTED QUALITY
# **CERTIFICATIONS**



# QUALITY STANDARDS

Our Air Handling Units are inspected and certified according to **well-known guidelines**. The specified equipment data is guaranteed by various certifications. This applies both to the components used and to the **mechanical properties** of the casing. Our equipment is tested for the **casing properties according to EN 1886 and is Eurovent certified**.

Our Air Handling Units are also tested according to the demanding regulations of **VDI 6022, DIN 1946-4, SWKI 99-3, ÖNORM H 6020 or HTM 03-01 NHS**.
In addition, equipment can be built for potentially explosive areas, which are designed according to the strict specifications and certified according to the **ATEX Directive 2014/34/EU**.

The **Ecodesign Directive 2009/125/EC** serves to define requirements for the environmentally of energy-related products (ErP). Euroclima Air Handling Units are designed according to these standards. In addition to our ISO certification **ISO 9001:2015, ISO 14001:2015 and ISO 45001:2018**, Euroclima pursues a policy of continuous improvement of administration and production processes.

CORRESPONDING MEMBER EUROVENT EUROPEAN INDUSTRY ASSOCIATION

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

Euroclima participates in the EPC programme for Air Handling Units (AHU) and Fan Coil Units (FCU); Check ongoing validity of certificate: www.eurovent-certification.com

UK CA

CE

ErP compliant

TÜV AUSTRIA

quality austria SYSTEM CERTIFIED
ISO 9001:2015 No.03578/0
ISO 14001:2015 No.02301/0
ISO 45001:2018 No.00404/0

- Annual audits
- Internal presentations and employment training
- External training with customers and sales partners

**FAT**
FACTORY ACCEPTANCE TESTS

**SAT**
TESTS ON SITE

**CERTIFICATIONS**
IN OUR PLANTS



# AIR IS **OUR FOOD**

# HYGIENE CERTIFICATIONS

In addition to ecological aspects, our focus is on ensuring a comfortable and healthy indoor climate. By default, our products provide the best leckage class, smooth inner walls, minimised dust traps and the highest corrosion protection, which is required according to the specifications of the EN 13053 standard.

Other available options are: **Anti-bacteriological** sealants, easy component expandability, **3-way inclined tubs**, electrostatic filters, and microbial powder coating (AMC). Our **AMC coating** is a surface treatment based on silver ions for the inside of the equipment. We provide additional hygiene options to address the **demanding** applications in operating rooms or **cleanrooms**.



- Technology leader in equipment for cleanrooms
- Avoidance of joints and deposits thanks to the frameless construction
- Equipment design tested according to hygiene guidelines
- Monitoring by external institutes
- Optional antimicrobial coating (AMC)
- Certified Hygiene equipment




**CLEAN CONCEPT**
AS STANDARD



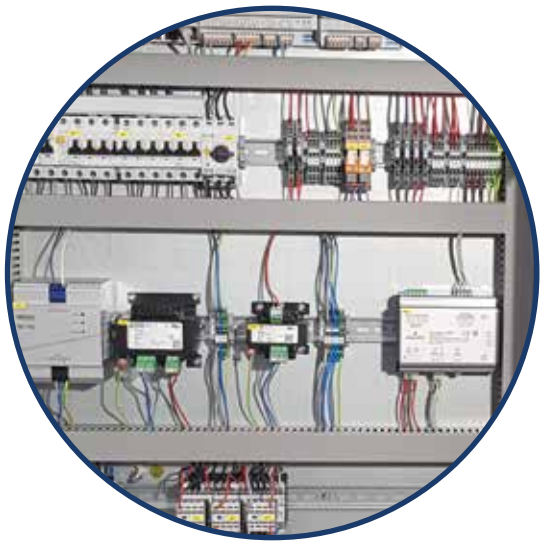
# WE MAKE
# **AHU SMARTER**



# CONTROL SYSTEMS & REMOTE SUPPORT

Our Air Handling Units are available with **factory-mounted control**, including the corresponding protective functions. The **freely programmable control** and the control of the peripheral units such as the temperature and humidity sensor, pressure switches, damper actuators, valves, etc. are part of our scope of delivery. The unit is tested by **factory pre-commissioning**, which results in high reliability, time savings and trouble-free commissioning for our customers. Our ETA MATIC software is perfectly matched to the control types to be executed. **No programming knowledge is required** for commissioning. The software is loaded onto the controller using an SD card – no notebook necessary! All conceivable control strategies and parameters for operation are already included. Only the respective constellation of the Air Handling Unit is set. **Operation is via an external display**, which is used for commissioning and operation in a further step.

With the optional "**Climatix IC Cloud**" package, you get cloud access to the unit. With this access, our customers can access the unit from all over the world, at any time and from any smartphone, tablet, PC, etc. with internet access.



- **We only work with high-quality components (Siemens, Rittal, Wago...)**
- **Control systems compatible with common building control systems**
- **From quotation to commissioning from one source**
- **Significant cost reduction – service operations can be optimised thanks to remote access**
- **Quick troubleshooting & predictive maintenance**
- **Value and data records over years**
- **API service for simple connection to existing or new applications**
- **Easiest connection thanks to the built-in IP interface of the Climatix controllers**
- **Continual software updates and control via the cloud**

**PACKAGE UNIT**
UNITS WITH INTEGRATED CONTROL

**SERVICE**
WORLDWIDE

**EUROCLIMA CLIMATIX CLOUD**
TEST-ACCOUNT



# EUROCLIMA
# **CAN ALSO BE COOL**



# REFRIGERATING ENGINEERING

We offer a **compression refrigeration system** complete with all components and corresponding control. For smaller units that are designed as a monoblock, the refrigeration circuit is completely evacuated, subjected to a pressure test and then supplied filled with refrigerant. For larger units delivered in sections, **we handle the commissioning on-site**.

To ensure seamless support for the customer, we have a **service team with refrigeration technicians** who have all the necessary certificates and training certificates to meet the legal requirements for operation of compression refrigeration systems. Our units are available with **simple or with reversible cooling circuit**, installed in the exhaust and supply air flow of the unit.



- **Simple cooling circuits**
- **Reversible cooling circuits**
- **Up to 280 kW of cooling capacity as standard, depending on the refrigerant**
- **With scroll compressors**
- **With refrigerant R410 & R407, R32 & R513**

**PACKAGE UNIT**
UNITS WITH INTEGRATED CONTROL

**COOLING & HEATING**
FROM A SINGLE SOURCE



# FREELY CONFIGURABLE
# **UNIT SOLUTIONS**

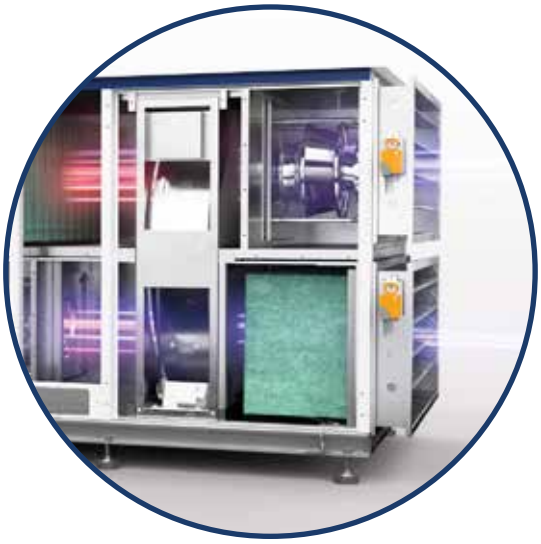


# CUSTOMER-SPECIFIC AHU'S & SELECTION SOFTWARE

Projects in **industrial and process engineering**, automotive, aerospace halls, textile factories, power plants, research centres, etc.: all these applications have special requirements and cannot be covered by standardisation.

The **innovative casing design of the ZHK series** makes the units extremely flexible to cover a wide range of different applications. This applies to simple units in the comfort range up to highly complex units for **process ventilation**.

AirCalc++, our selection program, is the **most modern and most flexible selection software** for air conditioning and Air Handling Units. It is the result of years of experience in the manufacturing of **customer-specific Air Handling Units**. The performance data obtained from the software is Eurovent certified. It enables calculating almost any configuration of components or options to **meet your exact project requirements**. Detailed data sheets, sound power levels, drawings in 3D and DWG format, step files, tender texts, psychometric diagrams, fan curves, SFPs and energy classes can be viewed and printed.



- **Freely configurable material selection: Units can be made of galvanized sheet metal, powder-coated or PVC-coated, stainless steel AISI 304 or stainless steel AISI 316**
- **Factory mounted control and cooling circuit selectable**
- **For unit sizes from 500 m³/h to 250,000 m³/h**
- **Various insulation thicknesses and materials**
- **Various sheet thicknesses up to 1.5 mm selectable**
- **Each unit detail & components individually selectable**
- **AirCalc enables above-average configuration flexibility of the units**
- **Clear data output of the selected unit solution including price**
- **Detailed and complete tender texts**
- **One-click control selectable**
- **Available in 20 languages**

**FLEXIBILITY**
IS OUR PROFESSION

**SPECIFIC SOLUTIONS**
3D MODELS, PSYCHOMETRIC DIAGRAMS, EUROVENT CERTIFIED



# ZHK INOVA
# **PERFECTLY ADAPTED**



# ZHK INOVA
# U1/TB2 AS STANDARD

The ZHK INOVA unit series is characterised by **enormous flexibility**. The basis for this is the **ZHK INOVA** casing, which meets the Eurovent-certified standard **U1/TB2**. We are able to adapt our Air Handling Units **to your needs**.

We provide freely **configurable unit systems** and can rely on a wide range of **high-quality components**. The unit sizes and shapes can be perfectly adapted to the general conditions on site.




- **50 mm double-walled casing**
- **Sheet thicknesses : up to 1.5 mm sheet metal**
- **Non-flammable mineral wool with a density up to 150 kg/m³**
- **Casing data (MB ZHK INOVA) according to EN 1886 certified:**
  - Mechanical casing strength: Class D1(M)
  - Casing leakage at ±400 Pa: Class L1(M)
  - Filter bypass leakage: Class F9 (M)
  - Heat transmission: Class U1
  - Thermal bridging factor: Class TB2

U1/TB2

**AS STANDARD**
FOR ZHK INOVA UNITS

**CUSTOMER-SPECIFIC SOLUTIONS**
FREELY CONFIGURABLE UNIT SYSTEMS



# ZHK VISION
# **U1/TB1**



# ZHK VISION
# U1/TB1 AS STANDARD

The **ZHK VISION** series is characterised by the **unit version in U1/TB1** and its enormous flexibility and was developed to further optimise the thermal properties on the casing of the Air Handling Unit.

Euroclima, as an expert in the field of Air Handling Units, has decades of experience in implementing projects in various sectors. Our strength lies in adapting Air Handling Units **to the specific needs of your processes and buildings**.



- **50 mm double-walled casing**
- **Sheet thicknesses : up to 1.5 mm sheet metal**
- **Non-flammable mineral wool with a density up to 150 kg/m³**
- **Casing data (MB ZHK Vision) certified according to EN 1886:**
  - Mechanical casing strength: Class **D1(M)**
  - Casing leakage at ±400 Pa: Class **L1(M))**
  - Filter bypass leakage: Class **F9(M)**
  - Heat transmission: Class **U1**
  - Thermal bridging factor: Class **TB1**

U1/TB1

**AS STANDARD**

FOR ZHK VISION UNITS

**PANELS WITH THERMAL CUT**

FREELY CONFIGURABLE UNIT SYSTEMS




# SYSTEM SOLUTION
# **FROM A SINGLE SOURCE**

# KON AIR

The unit combination between the **ZHK INOVA or ZHK VISION** Air Handling Unit and the **KonAir condensing unit** was specially designed for easy and quick commissioning. On request, we can supply the Air Handling Unit with the components you need for your project and then combine this customer-specific unit with a condensing unit. All functional units used come from the **specialist departments of Euroclima** and are optimally coordinated with each other. Maximum energy efficiency is our standard. In addition, this solution can also be used to create a **fresh air content of 100%**.

You only have **one contact person** who is responsible for the function, and you can be sure that the **perfect alignment** between the individual components has been tested many times and harmonise with each other in the system. We reduce interfaces and **reduce the time required** for assembly and commissioning. For heating and cooling, **no additional water pipes need** to be connect to the unit.




- **Control AHU unit & condensing unit from one source**
- **100% factory tested before delivery**
- **No more piping on site necessary**
- **Cooling & Heating**



# INDOOR SWIMMING POOL **DEHUMIDIFICATION**

# ETA POOL - SWIMMING POOL DEHUMIDIFIERS

Hygienically impeccable air quality in an indoor pool provides an **additional feel-good factor** and returning bathers. Indoor pools are the buildings with the highest energy density. **Optimal energy management** helps to keep costs low and to ensure the health of guests. Air Handling Units in indoor swimming pools not only create an ideal feel-good climate for bathers by creating a **constant, pleasant and healthy indoor climate**, but they also prevent in particular the occurrence of structural damage (due to penetrating condensing in ceilings and walls).

Our swimming pool equipment is divided into two product lines: **ETA POOL SPA** for smaller indoor pools (private houses, hotels, etc.) up to approx. 1,800 m³/h and **ETA POOL OLYMPIC** for medium and large indoor pools up to 37,000 m³/h.



- **20 years of experience in building equipment for swimming pools**
- **Special powder coating against corrosion**
- **Smart control concept for the lowest energy consumption**
- **Many major projects as a reference**

**BUILDING PROTECTION**
THANKS TO HIGH DEHUMIDIFICATION

**FEEL-GOOD GUARANTEE**
THANKS TO OPTIMAL CLIMATE PARAMETERS

**DEHUMIDIFICATION**
UP TO 92% EFFICIENCY



# RUN-AROUND-COIL-SYSTEM
# **SEPERATION OF AIR FLOWS**

# EFFICIENCY MODUL

The special feature of this **heat recovery system** is the **separation of the supply and exhaust air flows**, which are connected to each other by a highly efficient hydraulic module. How important this can be was again made apparent in times of Covid-19. With **high-efficiency heat exchangers** in combination with our ZHK EfficiencyModule, **efficiencies of more than 80%** can be achieved.

For these reasons, the application of the **run-around-coil-system** in areas such as hospitals, is of great importance. However, the advantages of a spatial and hygienic separation of air flows are also becoming increasingly important in other applications such as in restaurants, schools, etc.



- **With cold and warm water plate heat exchanger**
- **Redundant pump system (optional)**
- **For indoor & outdoor**
- **Including control**
- **With/without pipe insulation**



# VENTILATION FOR **MARINE APPLICATION**

# AIR HANDLING UNITS FOR MARINE APPLICATION

Air Handling Units for the marine segment continues to be one of the most demanding applications in terms of **quality, reliability** and **safety**. The challenges in the marine industry are to build **highly specialized AHU systems** for operation under extreme environmental conditions. Influences such as climate zones, seawater, explosion protection and service activities must be taken into account.

**For more than 20 years**, we have gained experience in the marine sector and have been able to install numerous central Air Handling Units on cruise ships or luxury yachts. In addition to the air conditioners, we design and produce customised and high quality **Fan Coil Unit** for the marine sector, to ensure a perfect indoor climate in cabins, public and service areas.



- **20 years of experience in the marine sector**
- **Sizes flexibly adjustable**
- **Including control**
- **Including refrigeration circuits**
- **Large selection of special components**

**SPECIALLY DEVELOPED**

FOR CRUISE SHIPS, FERRIES, FRIGATES OR PRIVATE YACHTS



# VENTILATION FOR **OFF-SHORE APPLICATIONS**

# ON-/OFF-SHORE PLATFORMS

Offshore requirements are similar to those of shipbuilding, and we have developed custom-designed Air Handling Units to meet the needs of this sector.

Our equipment for the **MARINE & OFFSHORE area** is characterised by a robust and stable design, which can withstand a differential pressure of up to 3000 Pa. Our AHU equipment is also characterised by **generous inspection and maintenance doors in panel thickness**. The door profile is thermally insulated from inside and outside by plastic frames. We use high-quality, **adjustable die-cast hinges** in aluminium to fasten the door panels, and all door handles are provided with locks. On request, the units can be supplied factory-fitted with control systems and DX circuits and comply with the **Atex guidelines**, which ensures the highest safety standards.

Our many years of experience and **numerous references** underline the **quality of our products**. Our team is available **worldwide for service support and commissioning of offshore projects**, to ensure that our customers always receive optimal performance and reliability.



- **Available with Atex certification**
- **Including control**
- **Including refrigeration circuit in unit**
- **Possible with remote maintenance**
- **Large selection of special components**
- **Detailed documentation**
- **20 years experience in the marine sector**



# VARIOUS OPTIONS
# **FOR DATA CENTERS**

# DATA CENTER SOLUTIONS

Euroclima delivers the **full IT cooling chain**: from **fresh air units (FAU)** to in-room **Fan Wall Units (FWU)** – fully integrated, factory-tested and ready for plug & play. We ensure **maximum uptime, energy efficiency, and full system integration**.

## FAU - FRESH AIR UNITS

**Fresh air supply from outside**

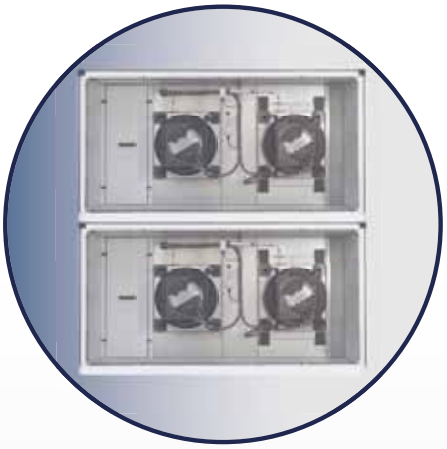
- Freely configurable unit selections with a wide range of high-quality components
- Control AHU unit & condensing unit from one source
- No additional water piping required for heating/cooling
- Quick installation thanks to package unit



## FWU - FAN WALL UNITS

**In-room cooling for server racks and active equipment with maximum operational reliability through redundancy and efficiency (UPS + ATS)**

- High-efficiency EC fans with Active PFC
- Redundant setup (N+1 / 2N)
- Compact design
- Integrated Climatix IC Cloud and predictive maintenance
- THD ≤ 5%, power factor up to 0.998



**PACKAGE UNIT**
UNITS WITH INTEGRATED CONTROL UNIT

**SERVICE**
WORLDWIDE

**CONTROL STRATEGY**
DESIGNED, ASSEMBLED AND CALCULATED IN FACTORY




# EUROCLIMA
# **COMPACT SOLUTIONS**



# OUR COMPACT UNITS

Flexibility is not always required. That's why we also offer prefabricated compact units:

## ZHK NANO
**for horizontal air flow**

## ZHK RECO
**Ceiling units**

## ZHK UP
**for vertikal air flow**

Our compact units bring fresh air into your building in the most economical way possible and at the same time with the lowest space requirement. All components have been selected based on an optimal price/performance ratio, and the operating parts have been adapted to the current safety guidelines.



- **Short delivery times**
- **Cost-optimised products**
- **Integrated control**
- **Highly efficient components**
- **Very easy maintenance**
- **All units with control are tested before leaving production**



# ZHK NANO
# **ROOM AIR CONDITIONING**



# ZHK NANO

The ZHK NANO units work with energy-efficient **high-performance EC fans**, glass fibre bag filters on the fresh air and exhaust air side, heat recovery with a rotary heat exchanger or counterflow. ZHK NANO units are the first choice to create the best indoor climate in office buildings, schools, hotels, airports, shopping centres, gyms, etc.

The ZHK NANO is available in **4 different sizes up to 8,800 m³/h**. The performance data of the ZHK NANO unit and the mechanical properties have been tested in an independent test facility according to EN13053 and EN1886 and are certified according to **EUROVENT**.



- **4 unit sizes up to 8,800 m³/h**
- **Possible with remote maintenance**
- **Heat recovery with rotary or plate heat exchanger**
- **Very compact design**
- **Available with/without control**



# CEILING UNIT
# **ZHK RECO**



# SPACE-SAVING CEILING UNITS

Based on the high-quality **Eurovent certified** ZHK INOVA unit casing, flat units with a total height of **420 mm or 505 mm** can be selected. The ZHK RECO is available with many additional options and the frameless design achieves U1/TB2 values.

The units can be **precisely designed for the operating point with the help of our selection software Aircalc++**. No oversizing or undersizing of the fans or heat exchangers is necessary. The use of fans with EC technology and counterflow plate exchangers enables low energy consumption. **50 mm panels** guarantee best acoustic and thermal performance.



- **Easy assembly with easy connection**
- **With EUROVENT certification**
- **U1/TB2 as standard**
- **Components can be adapted to normal operation**
- **Compact design**
- **Available with/without control system**
- **Operation from below**

**LOW HEIGHT**

THANKS TO COMPACT DESIGN



# VERTICAL UNITS WITH **OPENINGS AT THE TOP**



# ZHK UP - VERTICAL UNITS

Due to its compact design with **vertical airflows** the ZHK UP is ideal for use where space is limited. Its **narrow and at the same time low design** allows that the unit can be easily integrated into existing rooms without additional structural changes.
The ZHK UP units are available **up to 4.800 m³/h**.

In order to save complex assembly work on site, the unit can be delivered in one piece as a monoblock. If you have to bring the unit through small openings, it can also be dismantled into 2 or 3 parts.

**You decide about the configuration of the unit.** Do you need a cooling or heating coil? Does the situation call for frost protection or are adjustable feeds desired as an option? We are happy to do it because we at Euroclima never lose sight of customer requirements. It goes without saying that the ZHK UP unit naturally meets the requirements of VDI 6022.



- **Vertical airflows**
- **With EUROVENT certification**
- **U1/TB2 as standard**
- **Compact design**
- **Available with/without control system**

## STANDARDIZED COMPACT UNITS

NEVERTHELESS YOU DECIDE ABOUT THE CONFIGURATION



# EUROCLIMA
# **FAN COIL UNITS**



# FAN COIL UNITS

The adaptable units for your need can be selected very easily with the Euroclima FCU selection program.

The price offer and the technical data as well as the dimensions can be generated directly by the selection software .

We provide a wide range of standardised Fan Coil Units for residential and commercial buildings, hotels, offices, schools, shops and hospitals. **Project-specific products can also be manufactured**, which are always equipped with state-of-the-art components such as EC motors. All our Fan Coil Units can be supplied on request with control.



- **Eurovent certified (as part of the certification program)**
- **Many options**
- **With UV lamps as option**
- **VDI 6022 certified (as part of the certification program)**

**FACTORY ASSEMBLED CONTROL**

(OPTIONAL)

## CASSETTES

Our cassette models not only offer a space-saving solution, but are also characterised by innovative design. Our cassettes not only ensure high performance with minimal noise, but also fit seamlessly into any interior design. The highly efficient fans and the adjustable slats ensure even air distribution. The dimensions are adapted to European standard ceiling modules, which enables easy and quick installation. With a variety of models and a wide range of accessories, these cassette convectors adapt effortlessly to different situations to ensure maximum comfort.





# CASSETTES

## DOUBLE SKIN CONVECTORS

Our double skin convectors are space-saving, but also versatile. Their optimal adaptability for installation in false ceilings makes them the perfect choice for rooms with limited space. Optimally selected fans and efficient insulation not only ensure quiet operation, but also enable efficient air circulation in the room. The possibility of vertical or horizontal alignment and the option to connect the convectors to ducts provide maximum flexibility. The double-skin construction with sound-absorbing 23 mm insulation made of rock wool (density 20 kg/m³) also enables reliable operation even under very high static pressure (up to 400 Pa).





# DOUBLE SKIN CONVECTORS

## DECORATIVE CONVECTORS

Our decorative convectors not only rely on unique design, but also offer an optimal solution for demanding room installations in hotels, offices, hospitals and schools. These units meet the highest standards through the use of the latest technologies, flexibility for special requirements, a wide range of services and an optimised control system that minimises energy consumption. Our decorative convectors are thus the ideal choice for environments where style and performance are equally in demand.

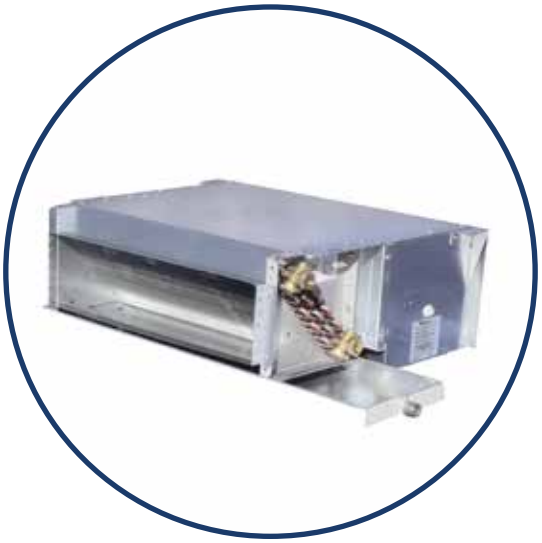




# DECORATIVE CONVECTORS

## DUCT CONVECTORS

Our duct convectors are room optimisers and they also set standards in efficiency and noise reduction. Their flexible adaptation to false ceilings makes them the preferred solution for confined spaces. The design and optimal selection of fans guarantee quiet operation. The available vertical and horizontal versions enable optimal adaptation to individual room conditions. Our duct convectors ensure that air distribution is efficient, making them ideal for a wide variety of environments such as offices, hotels and healthcare facilities.





# DUCT CONVECTORS




Hilti Innovation Center
LIECHTENSTEIN



Shamiya Expansion - Holy Haram Moschee Mekkah
SAUDI ARABIA



Cruises, ferries, yachts, tankers
WORLDWIDE



Parco Della Musica
ITALY



Dubai Mall, shopping mall
UNITED ARAB EMIRATES



Off-shore platforms
WORLDWIDE

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We care for better air

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