

Product Overview 2026

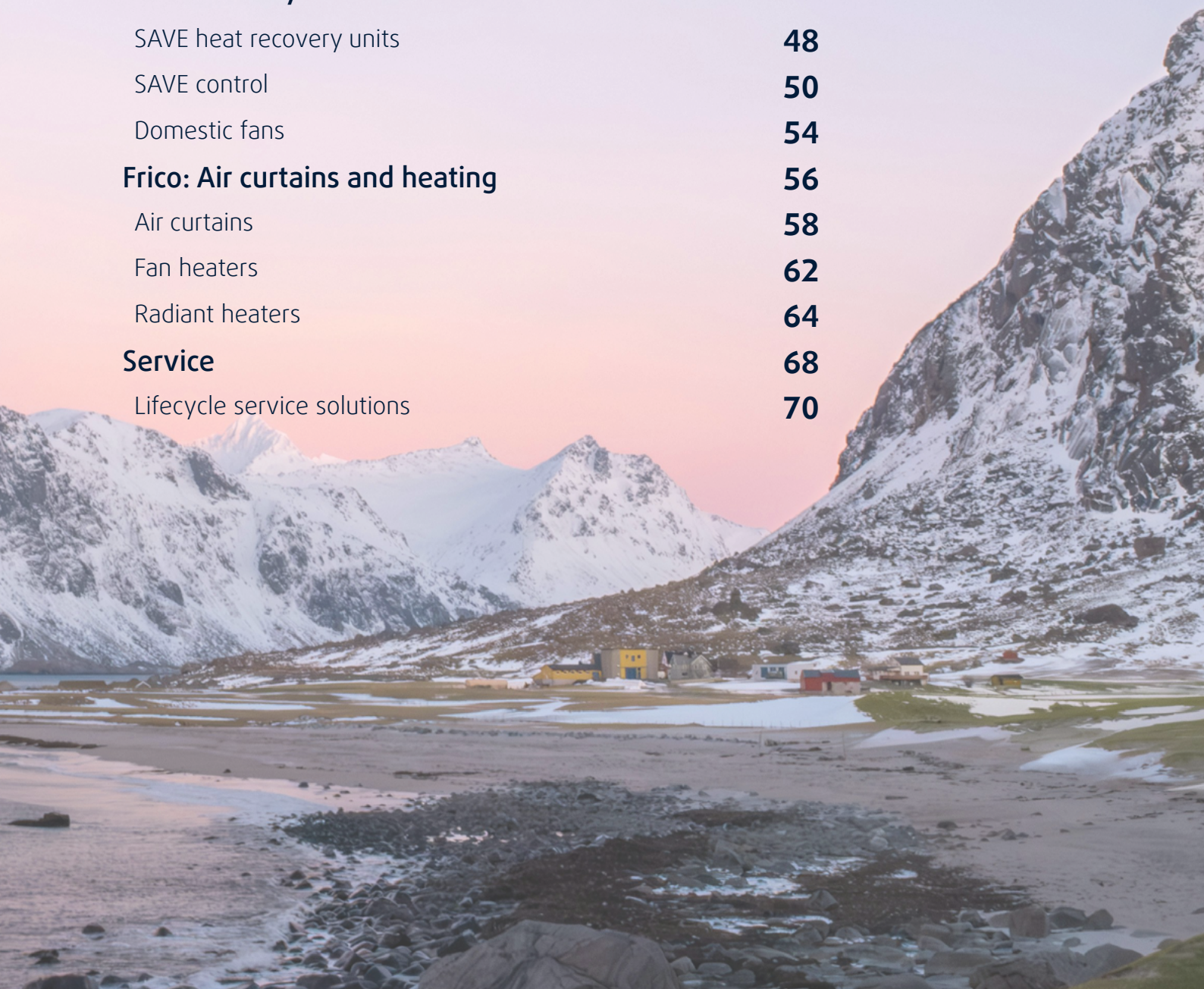


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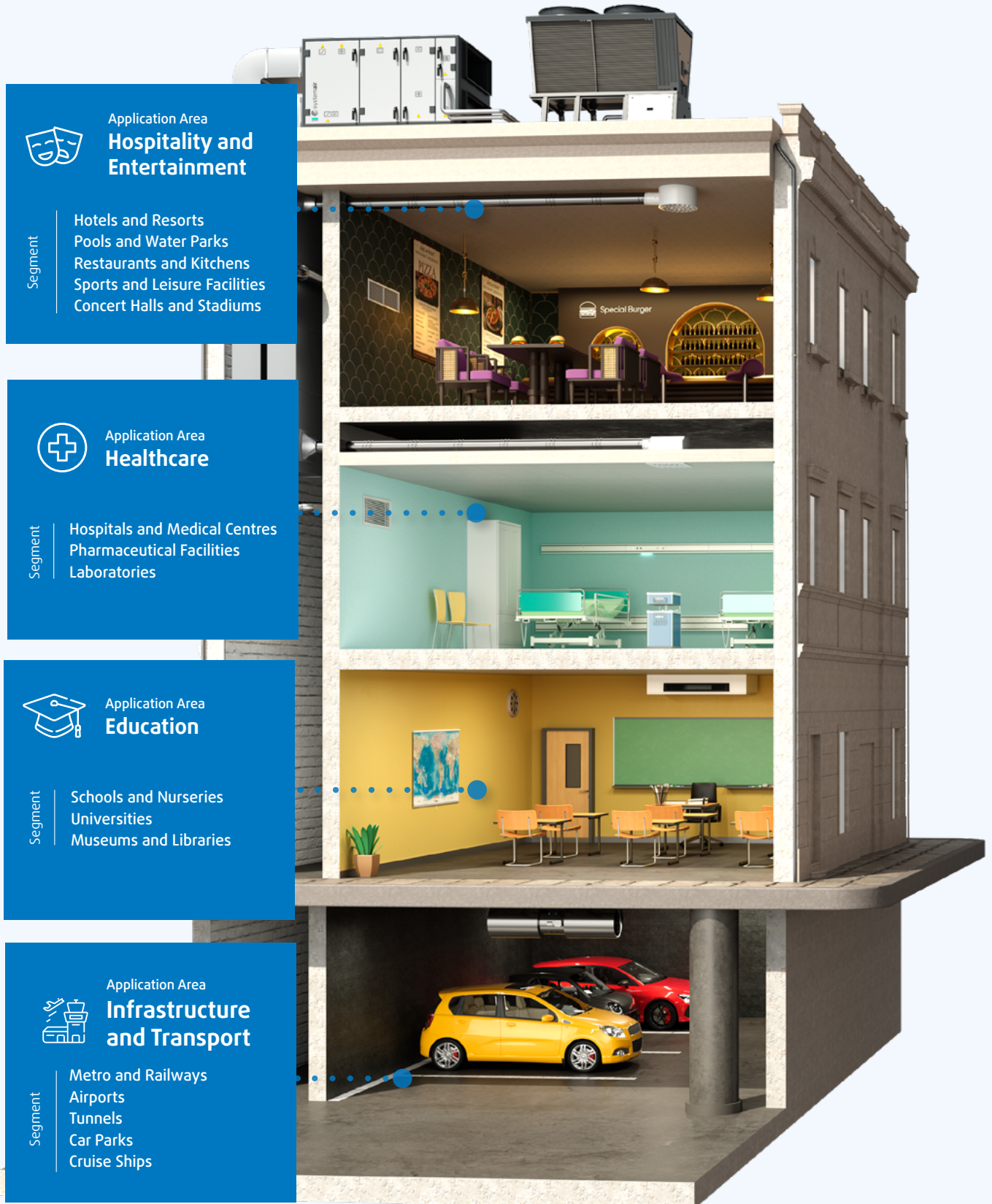


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Applications

Systemair products in the community





Application Area
Residential

Segment

Apartment Buildings
Homes and Villas



Application Area
Commercial

Segment

Office Spaces
Retail and Showrooms
Malls and Shopping
Centres
Supermarkets



Application Area
Industrial

Segment

Food Processing Plants
Marine, Oil and Gas
Factories and
Production
Facilities

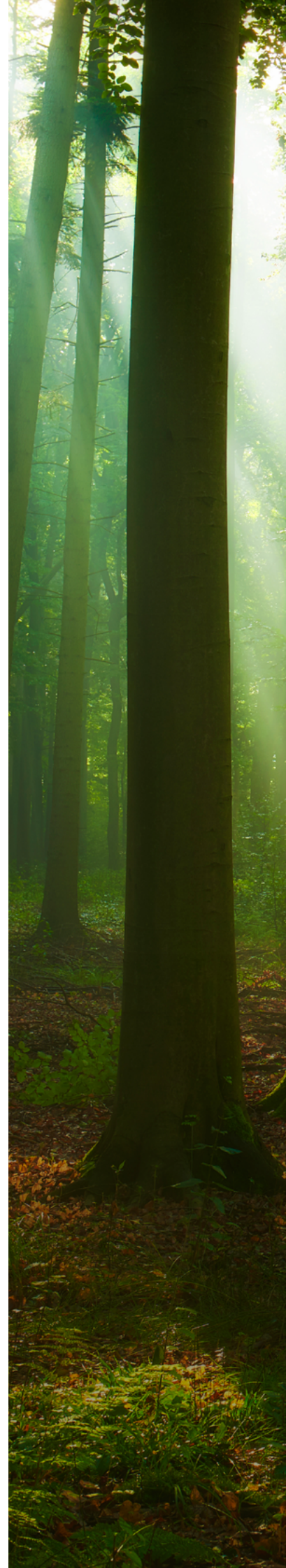
FANS

The key to keeping the air fresh

Systemair offers a comprehensive range of fans for a wide variety of applications – from residential buildings and small office premises to hospitals and large industrial facilities. All products are extensively tested both in laboratory conditions and in real-life environments to meet current and future demands for energy efficiency. In addition, every product is manufactured in compliance with international environmental standards.

Our testing and certified facilities give customers confidence that their fans are reliable, high-quality, and perform exactly as specified. At the same time, advanced acoustic testing ensures quiet operation, while modern technology and compliance standards reduce risk and reinforce trust.

The advanced testing ensures air is distributed evenly for optimal comfort while making performance transparent and reliable. At the same time, climate chamber testing guarantees energy-efficient operation and dependable performance even in extreme cold conditions.





Our collaboration with respected institutes and experts strengthens trust by ensuring independent validation and high product quality.






Circular, square and rectangular duct fans

A proud tradition of quality and innovation

As a result of continuous development, our circular, square and rectangular duct fans set industry standards for performance, functionality and reliability.

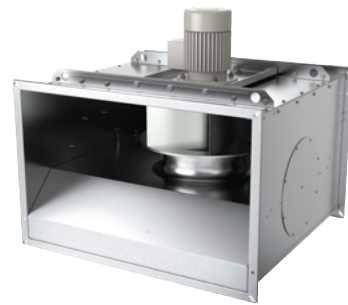
They are widely used in offices, residential buildings and industrial facilities where compact, reliable air supply and extraction systems are required.

Range highlights:

-  Air flows up to 40,000 m³/h
-  AC and EC motors available
-  Explosion-proof fans available
-  Suitable up to 120°C continuous operation or 400°C/2 h
-  Insulated for low noise applications



KVK Slim



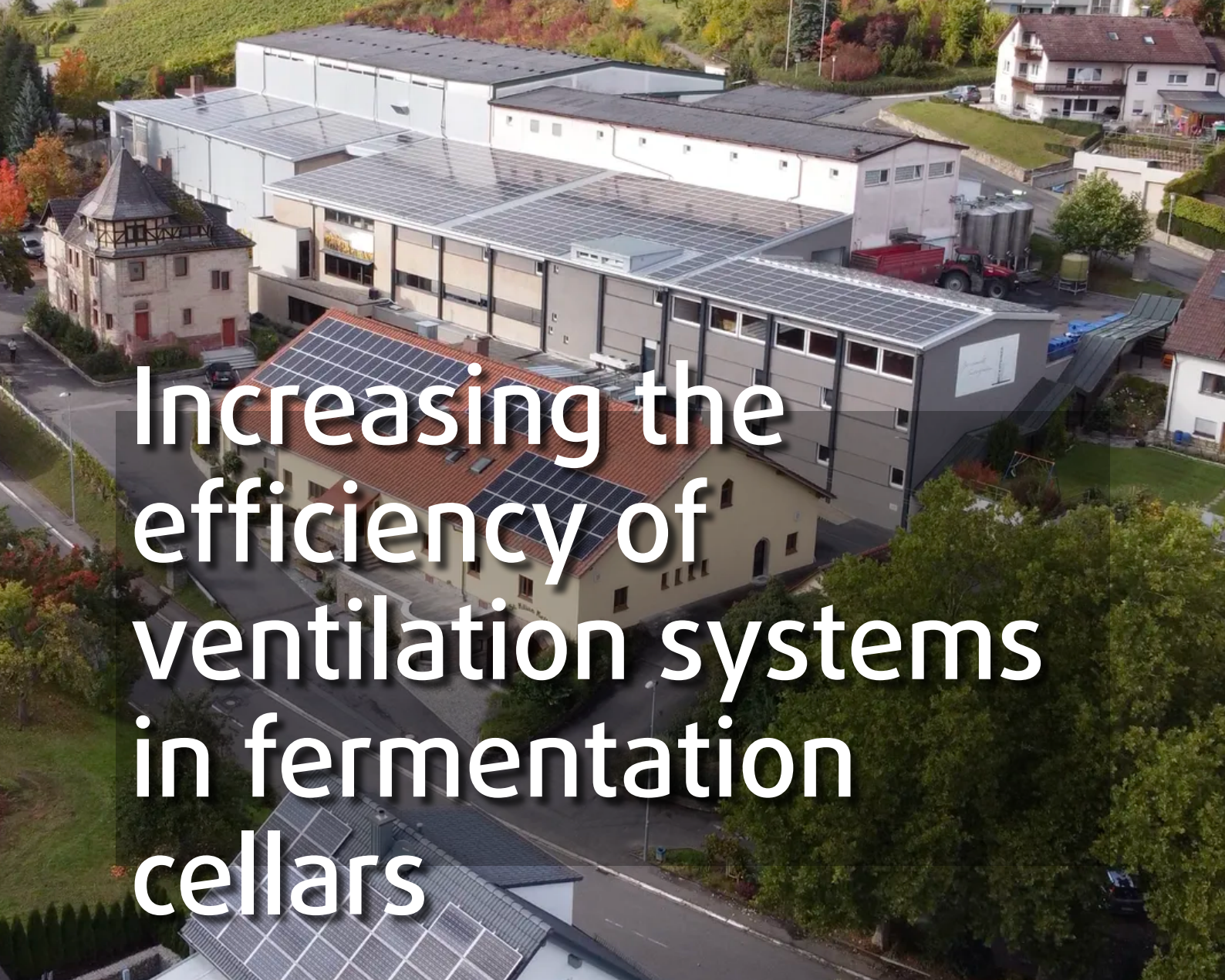
BKF



Prio ECO



MUB



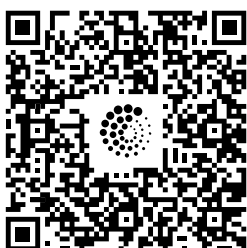
Increasing the efficiency of ventilation systems in fermentation cellars

Case Study: Winzergenossenschaft Beckstein, Germany

Increased efficiency through ventilation retrofit

The ventilation system removes hazardous fermentation gases from the cellar while supplying fresh air to maintain safe oxygen levels, ensuring a healthy working environment.

The solution is based on MUB EC series duct fans, featuring advanced motor and impeller technology. With motor efficiencies of up to 90%, the fans deliver reliable, energy-efficient performance and contribute to the overall efficiency of the ventilation system. Two speed-controlled fans operate in parallel to ensure redundancy. If one unit stops unexpectedly, the second unit continues operating, maintaining safe gas concentration levels at all times.



“ We are now in the middle of the season in which the fermentation gases are produced. Everything was completed on time and we are very happy with the operation. It’s so quiet that we hardly notice anything.

—

Michael Braun

Managing Director, Beckstein Winegrowers’ Co-operative






Axial fans

The best in the business

No matter how varied your requirements are, Systemair's axial fan range is designed to meet them.

Our extensive range of accessories makes it easy to tailor solutions to specific project requirements.

Range highlights:

-  Air flows up to 500,000 m³/h
-  AC and EC motors available
-  Explosion-proof fans available
-  Suitable of up to 55°C or 200°C continuous operation or 300°C/2 h or 400°C/2 h
-  Broad range of accessories

Systemair axial fans are well suited to a wide variety of applications, from large shopping malls and underground car parks to tunnel and metro projects worldwide.

Safety applications, such as smoke extraction and explosion-proof ventilation, are also part of our core expertise.



AXC



AW Sileo



AW sileo - EX



AR



Systemair supplied more than 200 fans to one of the iconic stations in Riyadh

Case Study: Western Station, Saudi Arabia

Balancing comfort ventilation with energy-efficient operation amid harsh regional conditions

The project required high-quality, robust fans capable of delivering reliable performance under demanding high-ambient operating conditions.

To ensure long-term uptime, the customer prioritised the availability of a wide product range together with compatible accessories and spare parts for future operation and maintenance.

The final solution combines AXC(F) smoke extract axial fans, AXC(B) and AXC(B) models for additional extraction capacity, AXCBF-EX medium-pressure explosion-proof axial fans for hazardous zones, and AJR 400(B) axial jet fans to support efficient air movement throughout the facility.








Roof fans

Robust and durable

Systemair roof fans are available with horizontal or vertical discharge, providing highly reliable exhaust solutions. Low-noise, explosion-proof and smoke-extraction variants are also available, as well as thermo fans with the motor positioned outside the airstream.

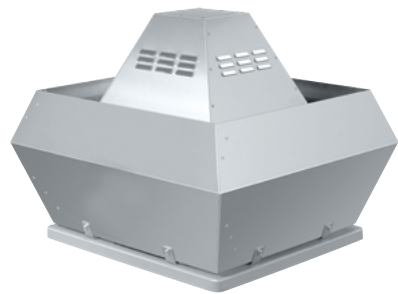
Range highlights:

-  Air flows up to 60,000 m³/h
-  AC and EC motors available
-  Explosion-proof fans available
-  Suitable up to 120°C continuous operation or 400°C/2 h or 600°C/2 h
-  Vertical or horizontal discharge

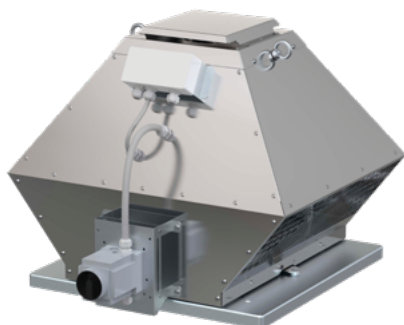
Our roof fans are suitable for a wide range of applications, including industrial facilities, car parks, offices, residential buildings and commercial kitchens.



DVV



DVN



DVG



RFO



Ensuring optimum ventilation in Marriot Hotel

Case Study: Courtyard by Marriott Hotel, Saudi Arabia

Systemair supplies fans to ensure optimum ventilation in critical areas of the Courtyard is a hotel owned and operated by Marriott International in Saudi Arabia

The Courtyard is a hotel owned and operated by Marriott International, where ease of installation was a key requirement for the project team.

Systemair supplied a comprehensive range of ventilation products to ensure clean, odour-free conditions in staircases, kitchens and toilets, creating a comfortable environment for both guests and staff.

The solution included DVN Thermo roof fans and DVS direct-driven roof fans, selected for their reliability, efficiency and straightforward installation. Throughout the project, Systemair demonstrated its commitment to fast and uncomplicated delivery and support, enabling the installation to proceed smoothly and without delays.




Jet fans


Complete, high-performance systems

With compact installation and low energy consumption, Systemair jet fans deliver reliable performance while helping maintain a safe and comfortable environment for both drivers and pedestrians.

Range highlights:

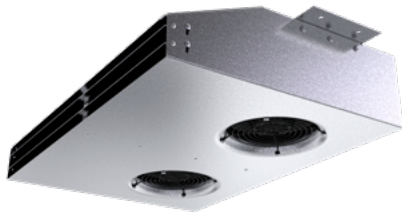
 Thrust up to 2,500 N

 Pressure up to 5000 Pa

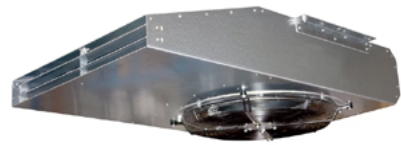
 In the event of fire, our smoke extraction fans save lives. They are tested in accordance with EN 12101-3

 Temperature up to 400°C/120 min

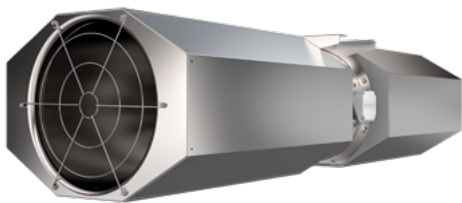
They ensure efficient ventilation in tunnels and car parks by controlling and extracting exhaust gases, fumes and smoke. This improves air quality and visibility while supporting effective emergency ventilation strategies.



IV Smart



IV



AJ8



AJR



Revamping the ventilation in a historic cultural site

Case Study: King Salman Knowledge District, Saudi Arabia

Systemair delivered a state-of-the-art ventilation system, meeting stringent project deadlines, and ensuring compliance with local regulations

Systemair addressed the complexities of the car park ventilation system of the King Salman Knowledge District, by delivering tailored design solutions aligned with both site feasibility and operational requirements.

The solution integrated AJR jet fans with CO sensors to ensure efficient air movement and safe conditions throughout all parking zones.

A key innovation introduced to the Saudi market was Systemair's advanced control matrix. By activating only the fans required at any given time, rather than operating the entire system continuously, the system significantly improves energy efficiency. This intelligent control strategy reduces energy consumption, supports sustainable operation and lowers long-term operating costs for the end user.








Centrifugal fans

Custom designed, integrated solutions

Systemair centrifugal thermo fans are designed for applications with high transported air temperatures and demanding operating conditions. They are ideal wherever higher performance is required, such as extraction from kitchen exhaust hoods, welding fume extractors and industrial catering ovens.

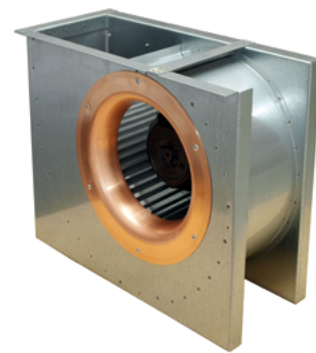
Range highlights:

-  Air flows up to 16,000 m³/h
-  AC and EC motors available
-  Explosion-proof fans available
-  Suitable up to 120°C for continuous operation or 400°C/2 h
-  Aggressive media fans available

Through continuous development and innovation, Systemair has expanded and refined its fan portfolio over the years. Today, our solutions cover a wide range of applications across many industries.



PRF



DKEX



KBR-F EC



KBT



How specialised air solutions can be hygienic and sustainable

Case Study: National Health Laboratory, Qatar

Reliable HVAC for high-security labs

Systemair provided solutions to ensure the highest air quality and meet the stringent requirements of the National Health Laboratories of Qatar. The project demanded a specialised range of products, including fans capable of handling aggressive media and equipment designed for hazardous environments.

To meet these needs, Systemair delivered PRF fans alongside ATEX-certified EX centrifugal fans, ensuring safe and reliable extraction in sensitive laboratory areas. Effective space coordination was equally critical. The building's complex lab infrastructure – including pipework, duct routes and technical rooms – required precise planning to align with architectural and structural constraints. Systemair's expertise in system design helped ensure seamless integration of all ventilation components within the available space.



Systemair's extensive range of air handling units (AHUs) regulate and circulate air in heating, ventilating and air-conditioning systems.



Air handling units

Air treatment at its best

Ventilation represents a significant portion of a building's energy demand, primarily due to heating losses when warm indoor air is replaced by colder outdoor air. Energy-efficient solutions with heat recovery are therefore essential to reduce energy consumption while maintaining a healthy indoor climate.

Systemair offers a comprehensive AHU portfolio including modular air handling units, compact air handling units, and dedicated solutions for residential ventilation applications.



Modular air handling units

Freedom engineered into every unit

Systemair's modular air handling units provide outstanding flexibility for a wide range of projects. Each platform combines energy-efficient performance, robust construction and intelligent control, allowing the unit to be adapted to different building layouts, airflow requirements and technical specifications.

Whether the focus is on compact footprint, configuration flexibility or long-term reliability, the modular design ensures a perfect fit for every project. The result is easy integration, simple operation and reliable performance across many applications.

| | Geniox | KA | Vayrox | HHFlex | SBU/SMU | Menerga NX |
|----------------------------------|---------------|-----------------|-----------------|-----------------|-----------------|----------------|
| Airflow (m³/h) | 750 - 110,000 | 1,000 - 100,000 | 1,000 - 178,000 | 1,000 - 125,000 | 1,000 - 130,000 | 3,300 - 27,500 |
| Hygienic certification | ✓ | ✓ | ✓ | ✓ | | ✓ |
| Applications: | | | | | | |
| Offices & Commercial | ✓ | - | - | - | - | - |
| Education | ✓ | - | - | - | - | ✓ |
| Hotel & Entertainment | ✓ | - | - | - | - | ✓ |
| Infrastructure | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| Healthcare | ✓ | ✓ | ✓ | ✓ | - | ✓ |
| Data Centre | ✓ | - | - | - | - | - |
| Industrial | ✓ | ✓ | ✓ | ✓ | ✓ | - |



Geniox



Vayrox



Industrial ventilation needs for connecting Attica and Crete

Case Study: Ariadne Interconnection, Greece

Ensuring air purity amid harsh environmental conditions

Systemair Hellas provided ventilation solutions for two converter stations and one substation as part of the Crete-Attica interconnection project in Greece. The proximity to heavy industrial and coastal environments required special design considerations.

Systemair Hellas supplied 26 Geniox air handling units with a total airflow of 1,450,000 m³/h – 13 units per station. Each unit was equipped with three-stage filtration including HEPA filters, VSD plug fans, cooling coils, electric heaters, control system panels and mixing boxes.

The solution fully met the project's requirements, featuring C5 corrosion protection, plug-and-play capability, and an optimised configuration to ensure precise dimensional compliance. SystemairCAD, our AHU selection software, ensured that all operational requirements were met.



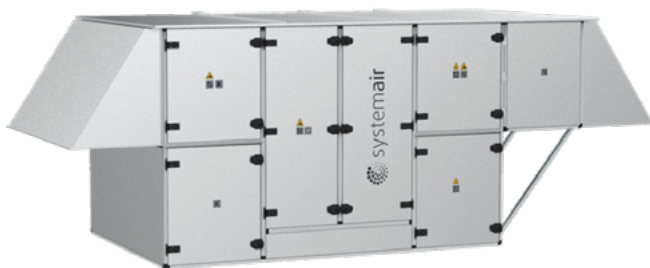
Compact configurable air handling units

Performance that fits any space

Systemair's compact preconfigured air handling units are engineered to deliver reliable ventilation performance when installation space is limited. Designed to simplify project execution, this range combines efficiency, flexibility and ease of installation in one smart solution. Within this family, Roofline and the Geniox Compact Preconfigured units stand out as versatile options tailored to different application needs.

Roofline is ideal for spaces where the installation of ventilation ductwork is not an option, offering a self-contained solution that maximises performance with minimal intervention. In parallel, the Geniox Compact Preconfigured range is suitable for both indoor and outdoor installations, bringing the flexibility of the Geniox platform into a ready-to-use format. Both ranges have been developed with a strong focus on flexibility, energy efficiency and ease of installation, ensuring optimal indoor climate with minimal complexity.

| | Geniox | Roofline |
|-----------------------|----------------|----------------|
| Airflow (m3/h) | 2,000 - 35,000 | 1,000 - 13,000 |
| Applications: | | |
| Offices & Commercial | ✓ | ✓ |
| Education | ✓ | - |
| Hotel & Entertainment | ✓ | - |
| Infrastructure | - | ✓ |
| Healthcare | - | - |
| Industrial | - | ✓ |



Roofline



Geniox



Efficient and compact ventilation solutions

Case Study: Automotive production, Germany

High-efficiency air handling for Automotive Production

Systemair Germany delivered 65 Roofline units for a car manufacturing plant in Germany. Their compact, lightweight casing made them particularly well suited to the project's installation constraints.

Each unit features an integrated control system for seamless connection to the building management system. To meet the project's high performance requirements, the units are equipped with counterflow plate heat exchangers with heat recovery efficiencies of up to 90%, combined with energy-efficient EC plug fans to ensure quiet operation and long service life.

Compact predefined air handling units

Small footprint, big impact

Our compact predefined air handling units deliver efficient ventilation for projects where installation space is limited. The range addresses both specialised and multi-purpose applications: SENSE for educational environments, SAVE for residential buildings, and TOPVEX, Menerga TX and CLEVA for flexible performance across multiple building types.

Designed for fast installation and intuitive control, these units provide reliable airflow in a compact footprint that integrates easily into even the most constrained mechanical rooms.


| | Topvex | Menerga Coral | Cleva | Sense |
|------------------------------------|-------------|---------------|-------------|-------------|
| Airflow (m ³ /h) | 125 - 7,500 | 500 - 3,500 | 500 - 4,500 | 400 - 1,000 |
| Hygienic certification | ☑ | - | - | - |
| Applications: | | | | |
| Offices & Commercial | ☑ | - | ☑ | - |
| Education | ☑ | ☑ | - | ☑ |
| Hotel & Entertainment | ☑ | ☑ | - | - |
| Infrastructure | ☑ | ☑ | - | - |



Sense



Topvex



Forward-thinking concept for flexible use of a commercial property

Case Study: Office building, Horgenzell, Germany

Complete solution for an office building

In a newly developed commercial property on the outskirts of Horgenzell (Germany), Systemair delivered a flexible HVAC solution designed to accommodate different future building uses. As the final layout and tenancy were not yet defined, the project required a ventilation concept capable of adapting to multiple operational scenarios.

The solution is based on Topvex SR compact air handling units, selected for their high efficiency, compact footprint and easy installation. Installed on the upper floor, the units supply fresh air through ceiling outlets, providing balanced ventilation and comfortable indoor conditions throughout the building.

With demand-controlled operation and intuitive control interfaces, Topvex ensures reliable, energy-efficient performance while allowing occupants to easily manage their indoor climate.





VDI6022-1
 certified hygienic options for all modular Geniox air handling units

Hygienic By Design

Designed and certified for maximum hygiene

Special attention is given to internal surface materials, fan arrangement, accessibility of unit sections, effective condensate drainage, and high-quality seals and gaskets to minimise the risk of bacterial growth.

Systemair complements this design with clear guidelines for operation, cleaning and maintenance, ensuring

long-term reliability and safe installation.

At Systemair, we believe that all AHUs should be #HygienicByDesign. Hygienic principles should be standard in general ventilation units, not limited only to systems developed for critical healthcare environments.

SystemairCAD

It's easy to configure Geniox using SystemairCAD

When you configure your air handling unit, SystemairCAD performs a series of calculations. When you are finished, you can save the entire technical documentation as a pdf file on your computer. The documentation includes, e.g., technical data, drawings, calculation results, fan curves, graphics, and a complete descriptive text that you can use in your specification document.

The drawing, which is drawn to scale, can be exported

to other CAD or BIM programs as a DXF or DMR file. The project files can be opened directly in AutoCAD or Revit using the Systemair MagiCAD plug-in program.

You can also perform LCC calculations and print 3D. dxf files or print "live" air handling units in MagiCad or Revit.

SystemairCAD can be downloaded from the Systemair website.

Design it yourself

You can design your Geniox air handling unit yourself using SystemairCAD. The programme calculates and generates the necessary documentation.

Double check

SystemairCAD notifies you of any irregularities in your design and our specialised staff checks that everything is in order before producing your unique air handling unit.

Directly to the factory

Your drawings are ready to go directly to the manufacturing stage in one of Systemair's plants, reducing administrative and delivery times.



Systemair Access control system

By operating your AHUs efficiently you also gain control over your energy consumption and operating costs.

Installed in Geniox and Topvex, Systemair Access is a user-friendly control solution which makes it easier than ever for you to get the best performance from your AHUs. Explore and utilise the full functionality using the NaviPad control panel, supplied as an option with Geniox and Topvex AHUs, or via our Access Connect app on your smartphone or tablet.

User-friendly interface (UI)

(UI) Simple menu structure and navigation with icons. The colour theme adds visibility and contrast.

Configuration wizard

Fast, simple configuration of common AHU accessories and functions.

Energy insight function

Easily monitor Specific Fan Power (SFP value), energy usage for water heaters, and recovered energy.

AHU dashboard gives overview of AHUs

Gives the operator control of all connected AHUs.

Alarm handling

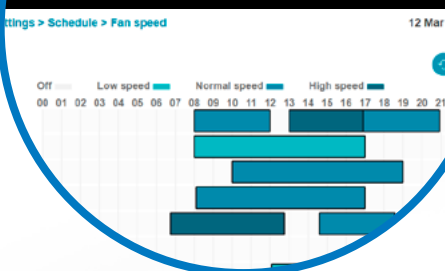
Based on BACnet native standard. Allows **three** alarm actions on each AI signal.

For Geniox and Topvex



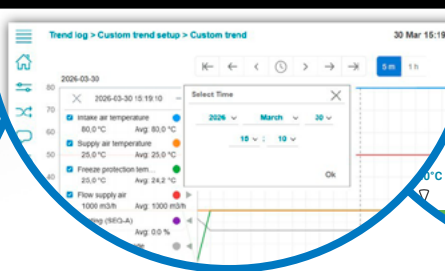
Time schedules

Intuitive graphical user interface with flexible scheduling.



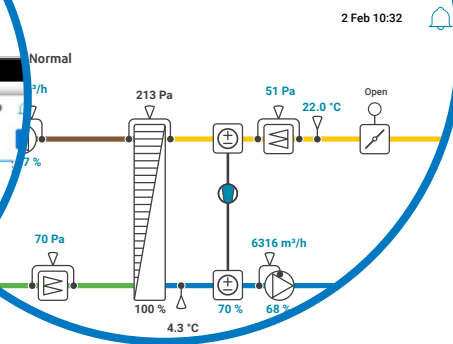
Trend log

View and analyze historical data and events using pre-defined or customized graphical charts



Useful live data

Monitor and adjust AHU performance. Operating data and flow charts available in real time.



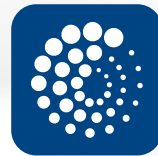
Wireless communication makes Access even more convenient

Install the **Access Connect app** on your device, and you don't need to access the AHUs physically to interact with them. Connect directly to the control unit in the AHU, or via the building's network. Navigate the intuitive menus, get notified when there are new Access software versions available for download from cloud and perform back-up and restore of configuration files - all in one app.

Choose the device you prefer



Download our
Access Connect app



ACCESS CONNECT
by Systemair



Robust design

Access NaviPad is developed specifically for industrial use - simple to use, yet robust and durable.

IPS display

IPS based 7" touch display with high contrast, wide viewing angles and clear visibility.

Press Home button to view AHU dashboard

LED-light indicates alarm status

Connection cable

The NaviPad is supplied with a 3 m connection cable.





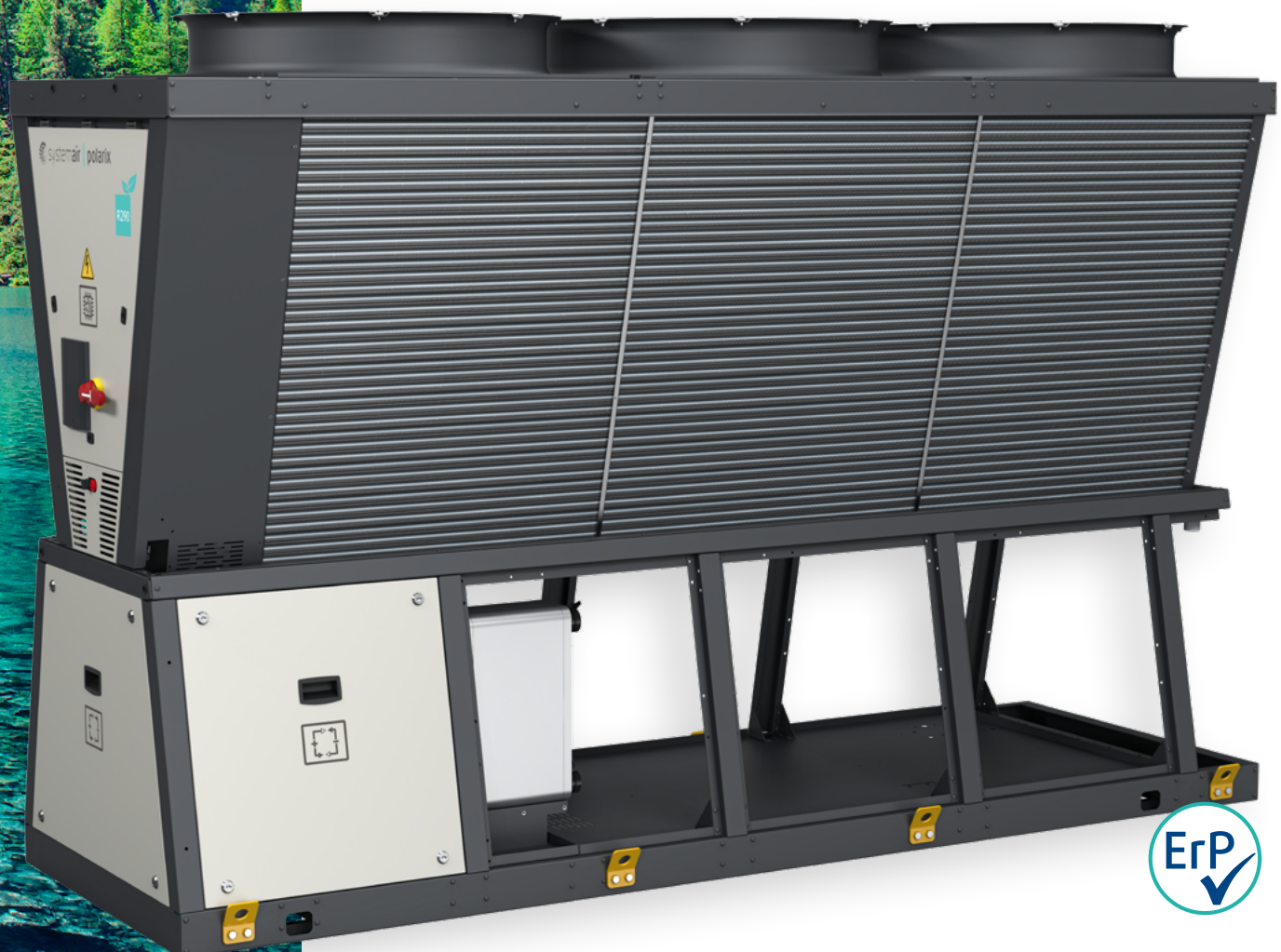
Air conditioning

Smart and sustainable solutions for human comfort and industrial processes

Systemair's air conditioning solutions are designed for a wide variety of applications, including offices, shopping centres, schools, hotels, public transport infrastructure, data centres, residential buildings and industrial facilities.

Our portfolio includes chillers, heat pumps and fan coil units, providing efficient and reliable climate control as part of complete HVAC system solutions.

Through continuous innovation, we are also developing products using low-GWP refrigerants, such as R32 and R290, supporting the transition towards more sustainable cooling technologies. This commitment to sustainability is a key focus of Systemair's Research and Development (R&D) activities.



Polarix

Chillers and Heat Pumps

Polarix NEO, EVO and GEN heat pumps are part of Systemair’s water-based solution portfolio, offering high-efficiency heating and cooling with minimal environmental impact and maximum efficiency






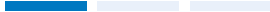









Polarix NEO



Polarix EVO



Polarix GEN

| | Polarix NEO | Polarix EVO | Polarix GEN |
|----------------|---|--|--|
| Capacity | 35 to 75 kW | 24 to 655 kW | 24 to 655 kW |
| Refrigerant |  R290 |  R32 |  R32 |
| GWP | 3 | 675 | 675 |
| Acoustic Level | Std / Silent / Super-silent | Std / Silent / Super-silent | Std / Silent / Super-silent |
| Efficiency | | |  |
| Compressor | Inverter | Inverter / Fixed* | Inverter / Fixed* |
| Cooling | - |  |  |
| Heat-Pump |  |  |  |
| Polyvalent | - |  |  |
| Free-Cooling | - |  |  |
| Modularity | Up to 16 units | 7 up to 16 units* | 7 up to 16 units* |

* According to sizes

A smart step toward a low-carbon future with Polarix NEO

At Systemair, we have a clear roadmap focused on supporting the long-term sustainability of our planet. Investing in equipment using natural refrigerants helps ensure the long-term sustainability of installed systems and plays a key role in the global drive towards decarbonisation.

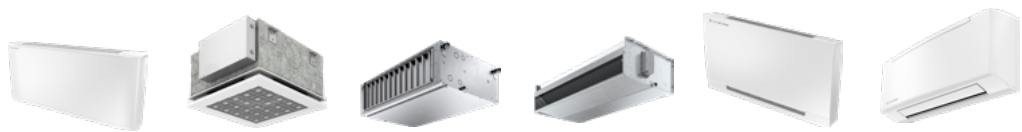
Our POLARIX NEO units are a prime example. Operating with R290 (propane) with a GWP of just 3, they combine extremely low environmental impact with high energy efficiency. Choosing natural refrigerants such as R290 is an important step towards decarbonising building environments.

Each unit using R290 instead of R410A can reduce CO₂ emissions equivalent to the average emissions of a car travelling 42,000 km – roughly one trip around the globe.

Serena

Fan Coil Units

Modern design and quiet operation, combined with easy selection and installation. The Serena FCU range ensures optimal indoor comfort with minimal energy consumption.



| | Serena C | Serena K | Serena L | Serena M | Serena S | Serena W |
|----------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|------------------------|------------------------|
| Capacity | 7 kW | 15 kW | 40 kW | 15 kW | 3.8 kW | 3.7 kW |
| Installation type ^ | | | | | | |
| Ceiling | - | ☑ | - | - | - | - |
| Horizontal | ☑ | ☑ | ☑ | ☑ | ☑ | |
| Vertical | ☑ | - | - | - | - | ☑ |
| With casing and diffuser | ☑ | ☑ | - | - | ☑ | ☑ |
| Ductable | ☑ | - | ☑ | ☑ | - | - |
| Airflow | 1,500 m ³ /hr | 2,480 m ³ /hr | 7,400 m ³ /hr | 2,980 m ³ /hr | 600 m ³ /hr | 700 m ³ /hr |
| Available Static Pressure | 50 Pa | - | 250 Pa | 80 Pa | - | - |
| Fan Motor | AC or EC | AC or EC | AC or EC | AC or EC | EC | AC or EC |
| Configuration | 2 or 4 pipe | 2 or 4 pipe | 2 or 4 pipe | 2 or 4 pipe | 2 pipe | 2 pipe |
| Valves | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |
| Controls | ☑ | ☑ | ☑ | ☑ | ☑ | ☑ |

Systemp

Close control units

Systemair close control units combine very high energy efficiency with intelligent control and flexible configurations, ensuring precise and reliable cooling in mission-critical environments while maximising performance and optimising space thanks to their high capacity-to-footprint ratio.



| | Systemp P | Systemp G | Systemp R |
|----------------------------|---------------------|-----------|------------|
| High EER | ✓ | ✓ | ✓ |
| Air discharge | Upward and downward | Downward | Horizontal |
| Plug fans | ✓ | ✓ | ✓ |
| Inverter compressor | Optional | Optional | - |

AC SELECT
Smart & User-friendly

The NEW Air Conditioning selection program
<https://acselect.systemair.com>

Technical documentation

Complete documentation available on www.systemair.com and the app **MEDIA CENTER by Systemair**

VRF & Split

Get ready for the next level

Systemair offers a comprehensive range of split and VRF systems featuring high energy efficiency and low-GWP R32 refrigerant options. Designed to deliver a comfortable and sustainable indoor climate, these solutions ensure easy integration and reliable operation across a wide variety of applications.

A new generation of VRF and split systems is coming soon.



Anira W

Capacity: Up to 2,64-6,35 kW



SYSPLIT

Capacity: 2,7-7,3 kW



SYSVRF3 M AIR EVO HP R

Capacity: Up to 270 kW



SYSVRF2 Casette

Capacity: 5,6-15 kW



A new generation of  split and VRF systems is coming.

Autumn 2026

Air distribution products

The perfect fusion of function and form

Systemair develops, manufactures, and supplies air distribution products for all types of applications. These components combine architectural integration with excellent air distribution efficiency, helping create a comfortable and healthy indoor climate. Their performance is validated in our state-of-the-art development laboratory, one of the most advanced facilities in Europe.

In this laboratory, we measure airflow rates, throw patterns, Coanda effect, sound levels, and temperature distribution, ensuring our customers receive accurate and reliable data.





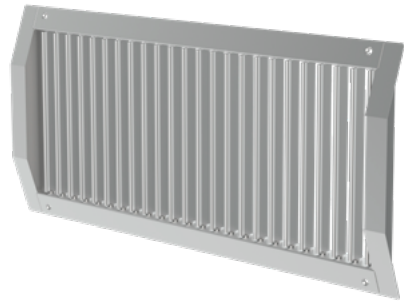
Diffusers, grilles and louvres

Designed for optimal air distribution

Systemair offers a comprehensive range of diffusers, grilles, and louvres for efficient air supply and extraction. Accessories such as plenum boxes and dampers help ensure balanced airflow. The portfolio covers various installation options, with solutions suitable for any environment.



BOR-S




NOVA-C



PZZN



CAP-CT



Heating and cooling in industrial buildings

Case Study: [Hyundai Mobis new production plant, Slovakia](#)

Optimised air distribution for high-ceiling production halls

Hyundai Mobis has built a new production plant for electric propulsion components in Nováky, Slovakia. For this project, Systemair supplied 100 BURE high-induction diffusers.

With installation heights ranging from 4 to 12 metres, the BURE series is particularly well suited for large industrial facilities, ensuring effective air distribution in high-ceiling spaces where conventional diffusers may be less effective.

Designed for both heating and cooling in industrial buildings, these diffusers deliver stable performance with minimal pressure drop when adjusting their geometry. The air discharge pattern can be adjusted manually (BURE-HC), via electric actuator (BURE-MC, BURE-M2) or through a thermal actuator (BURE-TC), providing flexibility to match the specific requirements of each installation.

Air volume and pressure control

Reliable volume and pressure control for modern ventilation systems

Systemair's air volume control solutions ensure precise airflow regulation across ventilation systems, maintaining balanced pressure, consistent comfort and energy-efficient operation.

The range includes control dampers, constant- and variable-airflow controllers, pressure controllers, and related accessories, designed for reliable performance in residential, commercial, and industrial applications.

With durable construction, tight sealing options and full compatibility with Systemair air distribution components, these products enable accurate system balancing, reduced energy consumption and long-term indoor air quality.



KCRK



NOTUS-R-M1



OPTIMA-R-FC-EX



TUNE-S



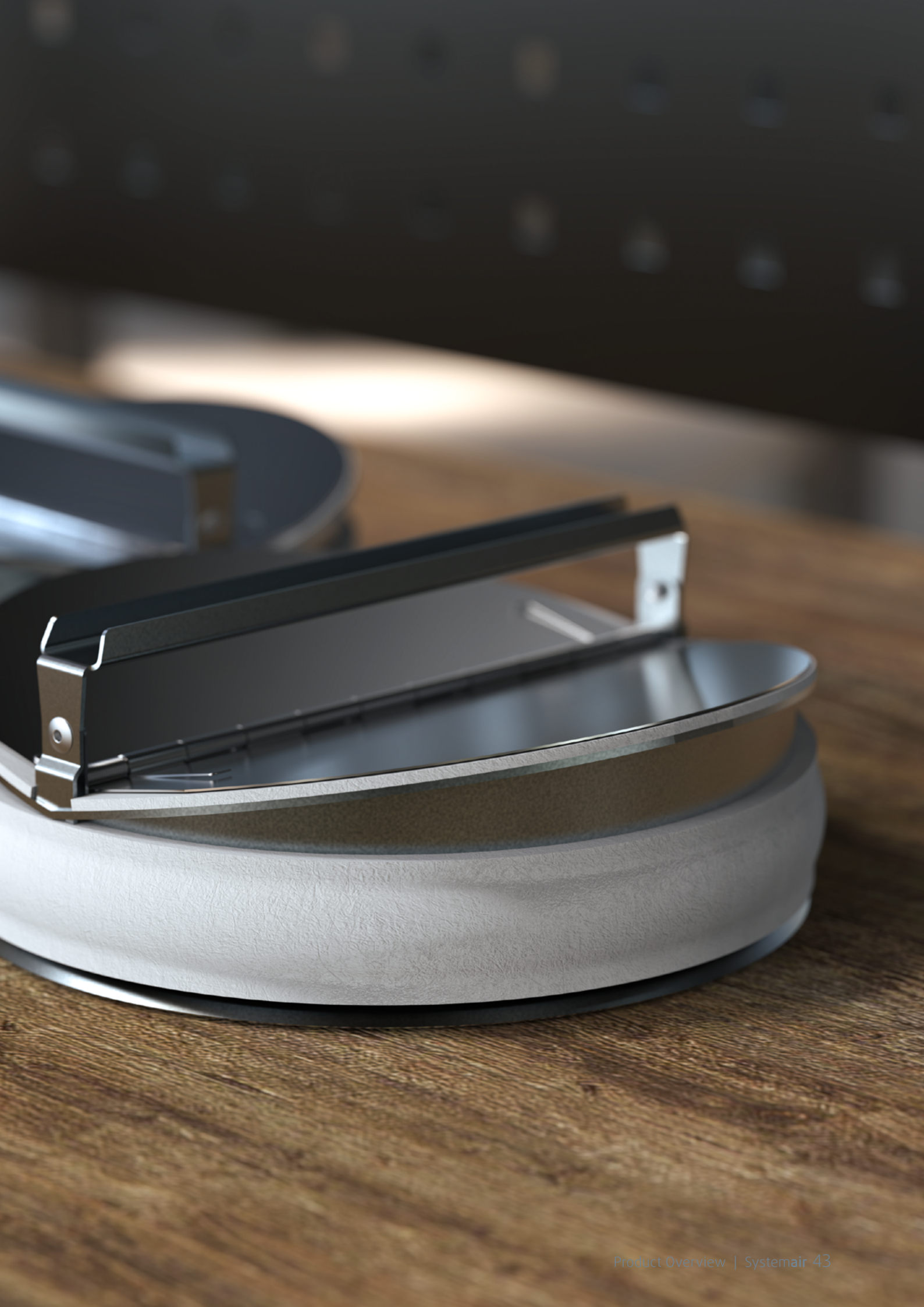
Fire safety products

Protecting buildings when it matters most

Fire safety is an essential element of any ventilation system. Systemair provides a comprehensive portfolio of fire dampers and smoke control dampers designed to protect people, buildings and critical infrastructure during fire events.

Manufactured and tested in accordance with international standards, these products deliver reliable performance under demanding conditions. With a focus on compliance, seamless system integration and long-term durability, Systemair fire safety solutions ensure dependable protection across many applications.





Fire dampers, smoke dampers and smoke-tight closures

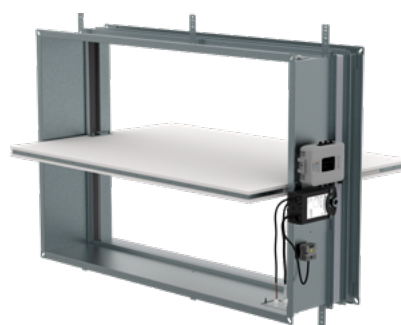
Key components of fire safety ventilation

Systemair delivers rigorously tested fire safety solutions, fully compliant with the highest European standards. When HVAC ductwork passes through fire-rated compartments, fire and smoke control dampers ensure the integrity of the fire barrier.

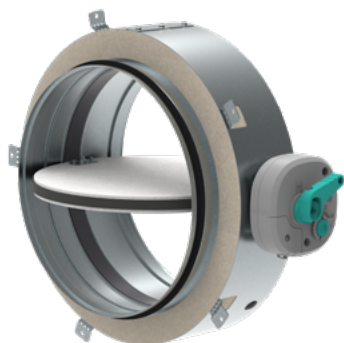
Systemair dampers combine robust design, high manufacturing quality and energy-efficient performance. All products are CE certified, guaranteeing reliable operation in critical fire safety applications.



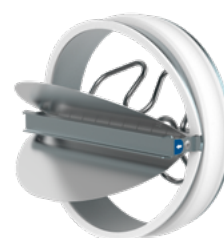
S-BM2



FDS-3G



F-R60K



C-C120

Select with Systemair DESIGN

Intuitive. Easy to use. Quick selection.

The Systemair DESIGN online tool (design.systemair.com) helps you quickly and accurately select suitable air distribution products, fire dampers and smoke dampers. The smooth configuration process ensures that all required accessories are included.

With Systemair DESIGN, users can easily access technical data and download BIM models directly from the MagiCAD Cloud. Critical factors such as indoor air quality and draft risk can be evaluated at room level using a 3D airflow visualisation.

The tool also enables product selection and integration in Revit via a dedicated plugin. Systemair DESIGN includes a comprehensive product model library with complete project and operational parameters. Products can be inserted directly into a Revit project, allowing users to design rooms, export data and update installed components.

When can I use Systemair DESIGN?



When **designing** the placement of air distribution or fire safety products in a building, Systemair DESIGN offers dedicated Projects, BIM models and a Revit plugin to simplify and streamline your project workflow.



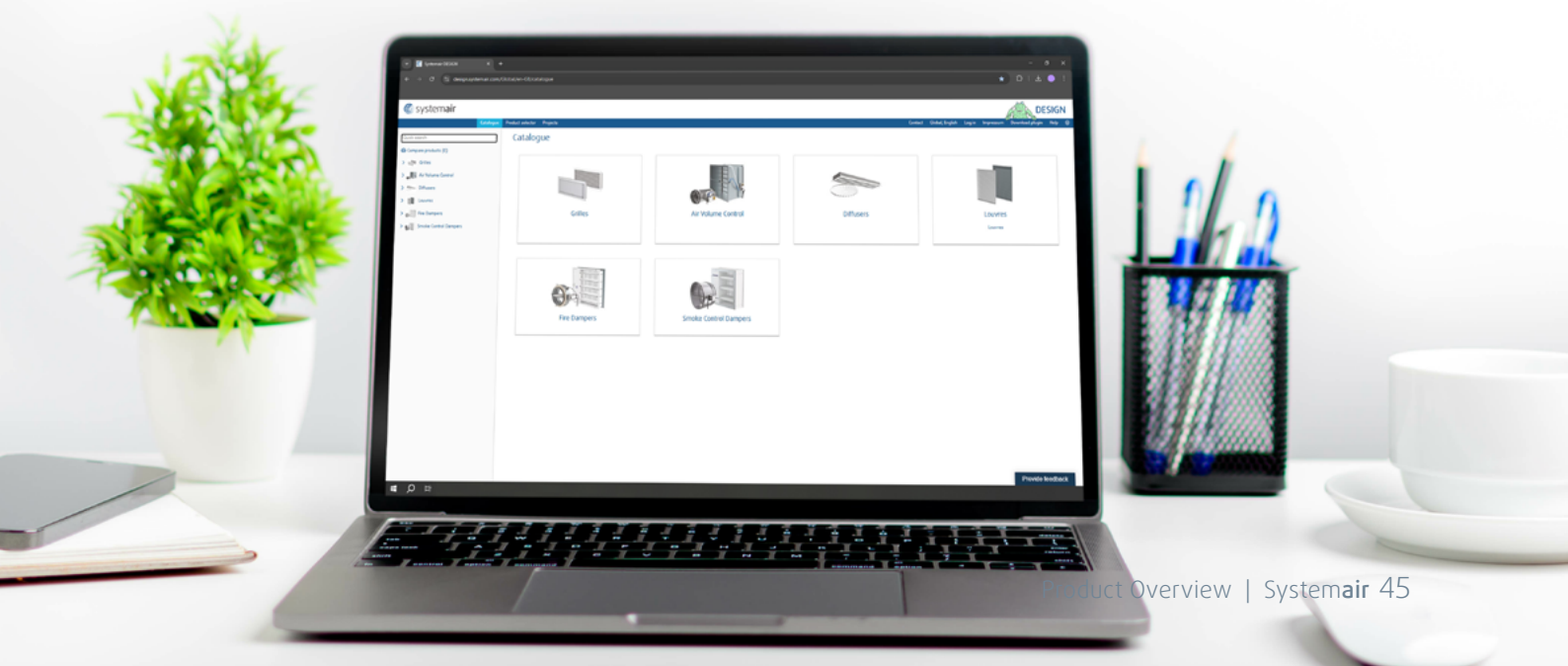
When **purchasing** products, Systemair DESIGN provides access to product pricing in many countries.



When **installing** products, you have easy access to all relevant documentation. You can download or print the documents, or consult the "Installation" tab online. Some products also include animations or videos to guide the installation process.



When **maintaining** products, you can easily access information on cleaning and inspection, even from your mobile device.







Residential systems

Complete home ventilation for cleaner, healthier air

Systemair offers a complete residential ventilation portfolio designed to create a healthy, comfortable and energy-efficient indoor climate.

At the heart of the system are the SAVE energy recovery units, delivering a continuous supply of fresh air while efficiently extracting stale air. By recovering energy that would otherwise be lost, they ensure a stable indoor climate with reduced energy consumption.

Complementing the SAVE range, Systemair provides all components required for a complete residential ventilation system. From air distribution solutions such as ducting and valves to a full range of accessories, every element is designed to work seamlessly together.

The result is a balanced ventilation system that reduces pollutants, controls humidity and enhances indoor air quality throughout the home – making everyday living healthier and more comfortable.



SAVE Heat recovery units

Crisp, fresh, and clean air for every home

SAVE heat recovery ventilation units deliver a premium indoor climate with outstanding energy efficiency for modern homes. By continuously supplying fresh, filtered air while recovering heat from extracted air, SAVE ensures healthier living conditions and significantly reduces energy consumption.

Designed for residential applications up to 550 m², the SAVE range combines proven performance with simplicity at every stage. Eurovent certification and full ErP compliance ensure reliable, verified efficiency – giving homeowners and professionals complete confidence in every installation.

Intelligent control of heat and cool recovery, together with integrated defrost functions, guarantees optimal operation in all climates. Each unit is factory-tested, pre-configured and ready for fast installation, reducing time on site and ensuring consistent performance. The modern control platform offers intuitive operation, remote access and full system overview. Discreet components are designed to integrate seamlessly into any home environment.

High-efficiency heat exchangers and advanced EC fan technology deliver low energy consumption, low SFP values and quiet operation. The result is a future-proof solution for comfortable, efficient and sustainable living.





SAVE Control

Choose how you want to control it

The SAVE control system is the common platform for all SAVE models. It offers a range of control interfaces designed to meet different user requirements, with up to 10 control panels operating simultaneously. The panels can also be combined for greater flexibility.

SAVE TOUCH

Advanced touchscreen controller with an intuitive user interface. The Start-Up Wizard enables easy unit configuration and provides full monitoring and control of all unit parameters, together with an overview of alarms and data history.



SAVE LIGHT

Simple control panel for basic operation, with options to reset the filter timer and view alarm indications.



SAVE CONNECT

The SAVE CONNECT module enables remote access to your SAVE unit, allowing monitoring and control via the SAVE CONNECT app. Installers can commission and troubleshoot on site through the built-in web interface – no internet or app required. It also provides secure remote support from Systemair and integration with the SAVE PRO platform for efficient professional fleet management. PRO platform, offering added value for professional fleet management.





Standard Modbus RTU

Freely configurable Modbus RTU over RS485 is available for seamless BMS integration.

Connectors for external components

The unit's functionality can be expanded with a wide range of electrical accessories, including temperature sensors, airflow controls, safety devices and IAQ sensors. All connectors are externally located, clearly marked and easy to access, ensuring fast and straightforward installation and commissioning. The external connection board further simplifies on-site integration of additional components.

Smart Home integrations

Connect your SAVE unit to third-party Smart Home platforms such as Amazon Alexa, Google Home.



Case Study: Nynäshamnsbostäder Residential Area, Sweden

A clever and cost-effective renovation transforms a 1950s residential block

For the residents of 135 apartments built in Nynäshamn in the 1950s, the installation of modern ventilation systems significantly improved indoor comfort. In close collaboration with the contractor, Systemair provided creative solutions to address the challenges of the renovation project.

A total of 28 SAVE VTC 700 units were installed at the base of each staircase, supplying 5-7 apartments with fresh air and reliable ventilation.

// It can be challenging to find the right space for AHUs and pipework when installing them in existing residential buildings while keeping the project cost-effective. However, with extensive experience, it becomes easier to identify flexible and sometimes unexpected solutions.



Johnny Lindström

Owner and Managing Director, J. Lindström Ventservice AB



The preheating system integrated in each SAVE unit prevents condensation and increases the efficiency of the heat exchanger to 82–85%. Kitchen extractor fans are connected to each apartment via sealed ductwork. Unlike many older buildings where proper duct routes are not available and carbon filters are typically used, this project allowed the installation of fully ducted extraction systems.

Delivery ahead of schedule

Overall, Systemair supplied:

- 28 SAVE VTC700 units with SAVE Touch and SAVE Connect
- 105 TFSK 200 EC Sileo fans

A SAVE VTC700 was placed at the bottom of each staircase and supplies 5–7 apartments with fresh air and reliable ventilation.

The maintenance team needed improved control solutions to streamline operation and maintenance procedures. The selected solution includes a cloud-based service that allows system operation to be monitored and analysed. By connecting the system to the app, they receive notifications on their mobile devices if any errors occur. This allows them to prepare the right equipment in advance to resolve the issue or provide the necessary instructions to a colleague.



Domestics fans

Fresh air solutions for healthier, more comfortable homes

Systemair's domestic fans bring fresh, healthy air into everyday living spaces. Designed for quiet operation and low energy consumption, they provide reliable ventilation in bathrooms, kitchens, laundry rooms and other moisture-prone areas.

Range highlights

- Quiet operation
- High protection class
- Stylish design

With modern design, easy installation and long-lasting performance, these fans help maintain a comfortable and hygienic indoor environment by removing humidity, odours and stale air - making homes feel cleaner, fresher and more enjoyable.



BEF-B



BEF-D



BEF-Q



BEF-IQ







AIR CURTAINS AND HEATING

Energy-efficient solutions for a comfortable indoor and outdoor environment

Frico air curtains create an invisible barrier at openings and doors which separates different temperature zones without limiting access for people and vehicles. With Thermozone Technology an efficient air separation is created in combination with a low sound level, giving comfortable climate and large energy savings.

Frico also offers a range of heating solutions for different environments. Radiant heaters warm surfaces directly for comfortable heat, while fan heaters provide reliable, efficient heating even in demanding conditions.



Pamir

Ceiling fans enhance comfort and reduce energy use by redistributing warm air to the occupied zone – ideal for high-ceiling buildings.

Combined with convectors and radiators for efficient heat distribution, the range ensures reliable performance across applications.

With FC Control, multiple Frico product groups can be integrated into one smart system, enabling automated operation, improved efficiency and effortless control tailored to your needs .





AIR CURTAINS

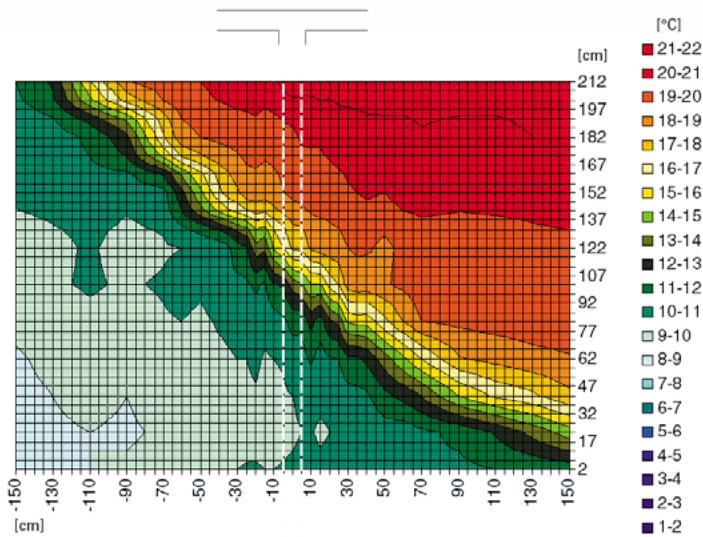
The invisible door

Frico air curtains create an invisible shield that keeps indoor temperatures where they belong: inside. Designed for performance, efficiency and style, they make every entrance more comfortable while reducing energy loss.

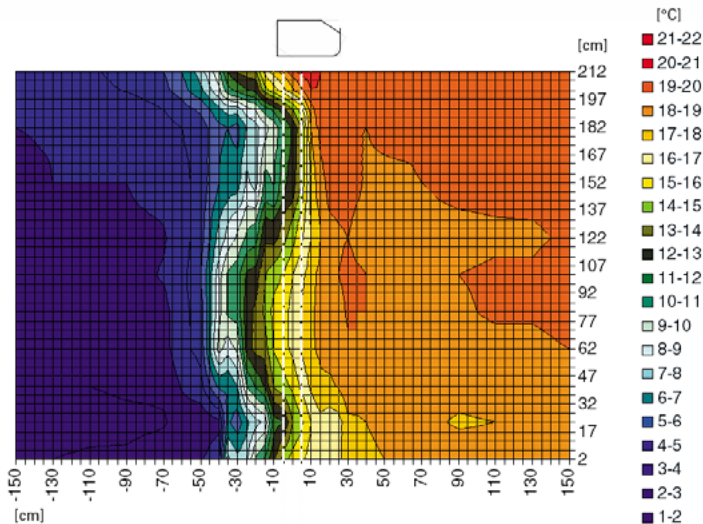
How it works

Frico air curtains create an invisible barrier at openings and doors, separating different temperature zones without restricting access for people or vehicles. With Thermozone Technology, they provide efficient air separation combined with low sound levels, ensuring a comfortable indoor climate and significant energy savings.

- ✓ Lower heating costs
- ✓ Stable indoor temperatures
- ✓ Greater comfort for customers and staff
- ✓ Protection against dust, fumes, and insects


































































































Air flows out of an unprotected opening




Air flows out of an unprotected opening




AIR CURTAINS OVERVIEW

| Type | Heating | EC motor | Control | Mounting | Recommended installation height |
|------------------------|---|----------|--|-----------------------|---------------------------------|
| Commercial | | | | | |
| Commercial | | | | | |
| Pamir 2500 |    | |  FC Control system | Horizontal | 2,5 m |
| Pamir 3500 |     | |  FC Control system | Horizontal / Vertical | 3,5 m |
| Pamir 4200 |     | |  FC Control system | Horizontal / Vertical | 4,2 m |
| Arden | | | | | |
| Arden 3500 |     | |  FC Control system | Horizontal | 3,5 m |
| Arden 4200 |     | |  FC Control system | Horizontal | 4,2 m |
| Customised | | | | | |
| Sierra |     | |  FC Control system | Horizontal / Vertical | 3,5 m |
| Cordilla |     | |  FC Control system | Horizontal / Vertical | 3,5/ 4,5m |
| Ziller |     | |  FC Control system | Horizontal | 3,5/ 4,5m |
| Coso |     | |  FC Control system | Horizontal / Vertical | 3,5/ 4,2 m |
| Compact | | | | | |
| PA2200C |    | |  Remote control | Horizontal | 2,2 m |
| PA3200C |    | |  Remote control | Horizontal | 3,2 m |
| AR3200C |    | |  Remote control | Horizontal | 3,2/ 2,8 m |
| Small openings | | | | | |
| PA1508 |  | |  Integrated control | Horizontal | Small openings |
| ADA |  | |  Other controls | Horizontal | 2,5 m |
| AR200 |    | |  Other controls | Horizontal | 2,5 m |
| Revolving doors | | | | | |
| Scand |    | |  FC Control system | Vertical | - |
| Ruven |     | |  FC Control system | Horizontal | - |
| Industry | | | | | |
| Pamir 5000 |     | |  FC Control system | Horizontal / Vertical | 5 m |
| Tatra |    | |  FC Control system | Horizontal / Vertical | 6 m |
| UF600 |  | |  Other controls | Vertical | 6 m |
| Cold rooms | | | | | |
| PAECS |   | |  Integrated control | Horizontal | 4 m |
| PAEC2500 |   | |  Integrated control | Horizontal | 4 m |
| PAEC3200 |   | |  Integrated control | Horizontal | 5 m |
| ADA Cool |  | |  Other controls | Horizontal | 2,5 m |

Recommended installation height varies depending on the relevant premises. See www.frico.net for further information.

 Ambient, no heat

 Electrical heat

 Water heat



Case Study: HydraSpecma, Denmark

AIR CURTAINS SOLVE THE NEED FOR HEAT AND PREVENT DRAFTS

HydraSpecma faced issues with cold drafts at the busiest gates of its large warehouse. By installing Frico air curtains, the company significantly improved the working environment for employees near the central gate and avoided the need to install an additional heating system at another entrance.

Frico delivered custom air curtain solutions tailored to each gate. At the central gate, two standard modules were combined to optimise the installation height and effectively heat the lower section. The air curtains were programmed to follow gate movements – ensuring minimal noise and a more comfortable working environment.



“ We expect that there will also be a saving in energy consumption, but comfort, well-being and good work environment for our employees is the primary goal for our installation of air curtains.



Hydra
Specma.com

EPAL

LA-04828
015-2-01

EPAL

FAN HEATERS/ COOLERS

Powerful and silent

We are proud of the worldwide recognition our fan heaters have earned for their reliability and long service life. The range includes both portable and stationary models, with electric or water-based heating options. Today, our fan heaters provide powerful heating and cooling, ensuring comfortable indoor climates all year round. The portfolio also includes robust solutions designed to operate reliably in demanding and aggressive environments.

Through Frico's global distribution network, our products are used in a wide variety of applications and environments, such as storage rooms, pump rooms, construction sites, mines, sports centres, shops, drying rooms, stables and boats.

Range highlights

- ✓ Low noise levels
- ✓ Compact and robust
- ✓ Lots of power, small investment

Every environment places different demands on comfort and performance. That is why we have developed a complete range of water-heated fan heaters – Champ, Prism and Therma – all designed and manufactured in Sweden. The range is engineered to meet a wide variety of requirements, from simple and robust heating in industrial premises to advanced comfort control in noise-sensitive environments.

Available models:

Panther, Cat, Champ, Prism, Therma, Electra, SWX, SWK, K21 and Tiger.





Case Study: Aftén Bil, Sweden

ENERGY-EFFICIENT HEATING AT AFTÉN BIL

At the Aftén Bil car showroom in Upplands Väsby, indoor conditions were far from ideal, with temperatures dropping to just 14–15 °C. By utilising the building's existing hot water system to power Frico fan heaters, Aftén Bil was able to significantly improve comfort while reducing both energy consumption and operating costs.

In collaboration with Sthlm Klimat, Frico delivered a solution tailored to the different areas of the facility. Five SWH fan heaters (the predecessor of today's Champ model) were installed in the showroom, two units in the workshop, and one AR200 recessed air curtain in the glass entrance vestibule — ensuring efficient heating and a comfortable indoor environment throughout the dealership.



“ Previously, it was almost impossible to work; the temperature in the building was 14–15 degrees. There has been a huge improvement and the solution is very energy efficient. Now it is a comfortable 21 degrees, no matter how cold it is outside.

Stefan Högelin

Sales Manager and Site Manager, Aftén Bil

RADIANT HEATERS

Heat like the sun

Radiant heaters offer a versatile and efficient heating solution for different environments and applications. With fast heating of people and objects directly, without heating the surrounding air, radiant heaters are an ideal option for creating a comfortable indoor or outdoor climate. At Frico, we have developed a wide range of radiant heaters to meet different needs and requirements, from offices and shops to industrial premises and outdoor environments.

The range includes infrared patio heaters, infrared panel heaters and industrial infrared heaters.

4 reasons to choose Frico's radiant heaters

- ✔ Efficient and comfortable heat
- ✔ Total, spot and zone heating
- ✔ Silent and no air movement
- ✔ Minimal maintenance





Case Study: Milano Santa Giulia Ice Hockey Arena, Italy

A gold-standard climate engineering partnership for a premier winter sports arena

Systemair played a key role in the Milano Santa Giulia Ice Hockey Arena project, a multifunctional venue designed for the 2026 Winter Sports Competition. Systemair Italy supported a LEED-focused, multifunctional arena designed for rapid mode switching, precise acoustic performance, and a fixed 2026 operational deadline.

The arena's climate control system had to support rapid transitions between Ice Mode for hockey and Concert Mode within hours while maintaining comfort, acoustic precision and strict sustainability targets aligned with LEED Gold certification. To meet the fixed deadline, all HVAC systems were designed, delivered and commissioned on schedule, supported by early technical collaboration, detailed performance data and BIM integration.



// We addressed these challenges thanks to our strong manufacturing capability. As direct producers with our own testing laboratories, we can deliver a large number of units very quickly and customise products according to the developer's specific requests.



Davide Modano

Sales & Marketing Director, Systemair Italy

Systemair supplied equipment and systems representing a multi-million-euro investment, delivering an almost complete HVAC solution for the arena. The scope of supply included heating products such as AR, ARFEC and PAFEC; fans and accessories including MUB, MUB/F, MUB/T, MRH, AXC and AXC/F; fire safety solutions including FDS, FDR, S-SA1 and S-SA2; and air distribution products including VVKR-S, DF-48, LK-70 and NOVA.



Service

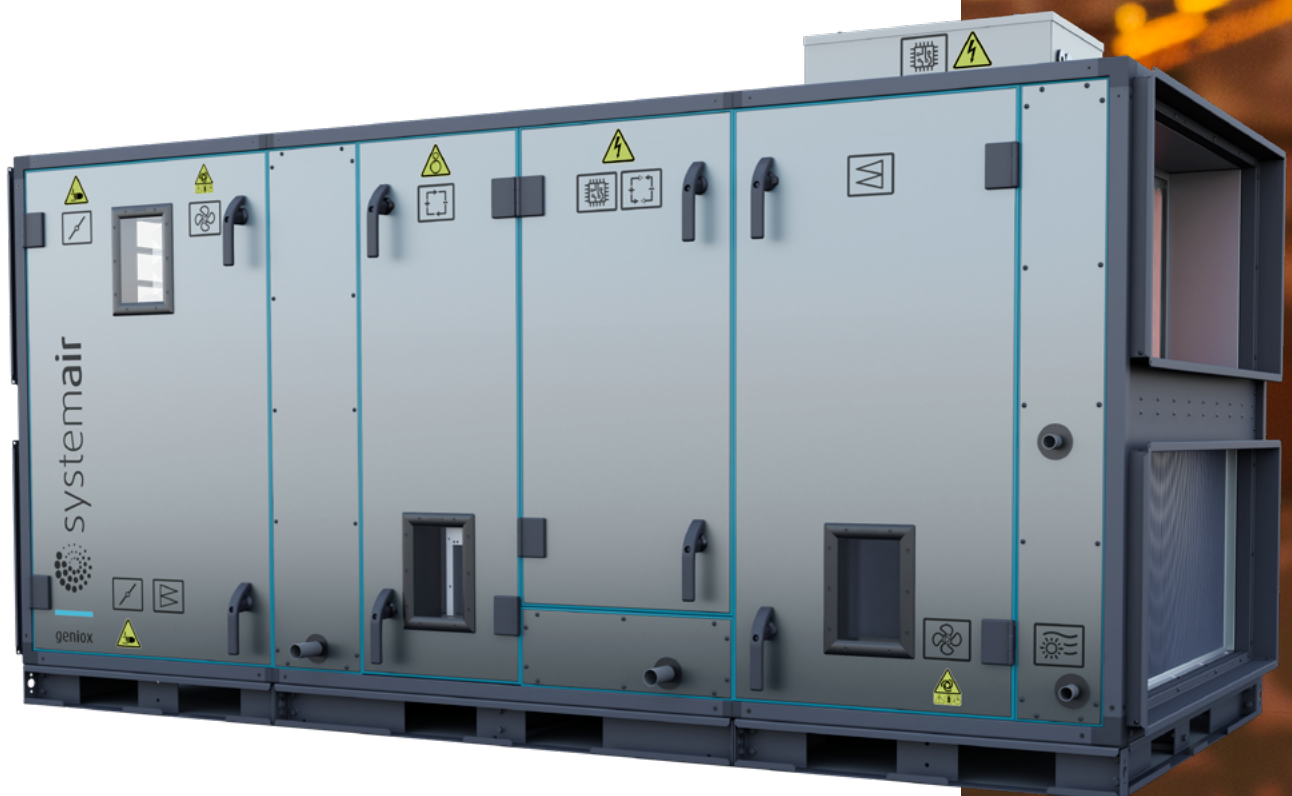
Support in conformance with the latest standards and regulations

With comprehensive service capabilities, in-house expertise and an extensive service network always on call, Systemair service solutions ensure reliable and cost-effective performance of your HVAC systems – from day one and throughout their entire lifecycle.

Achieving peak system performance is a key challenge for any HVAC installation. Whether in industrial process applications or comfort solutions for buildings, HVAC systems play a critical role in overall operational efficiency. Their performance must therefore be considered when defining strategic business objectives and determining how best to achieve them.

How efficiently and cost-effectively does your HVAC system operate throughout its lifecycle? And how can you ensure that its operation and maintenance consistently support your business objectives?

Since operation and maintenance represent a significant share of the total budget, decisions regarding service and maintenance strategies are of strategic importance. Factors such as total cost of ownership and long-term return on investment must always be taken into account.

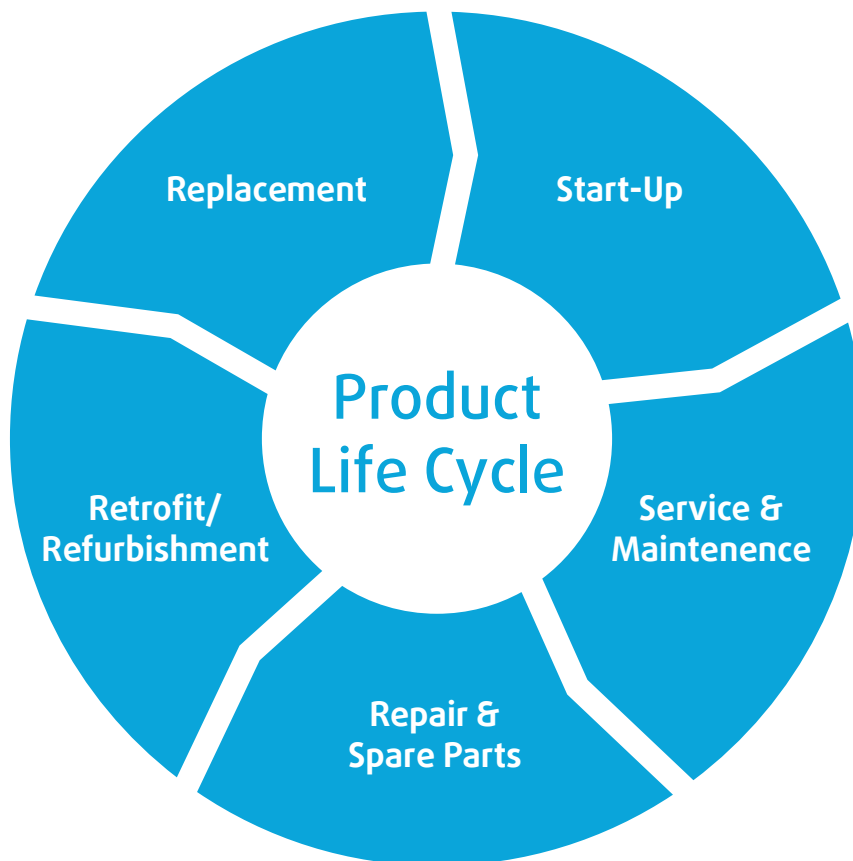




Lifecycle service solutions

Discover our Service portfolio

HVAC systems are our passion. Take advantage of our comprehensive service portfolio and extensive experience. With our range of services, we offer you everything you need.



Start-up

We ensure that our products are delivered to you safely and carefully tested for resilient and reliable performance over the lifetime of your device. The best option is to engage Systemair Service to commission your system at the outset.



Maintenance

We provide four different service packages to minimise the risk of sudden downtime or defects. This packages include long-term service contracts for regular inspections.



Remote Diagnostic

We provide four different service packages to minimise the risk of sudden downtime or defects. This packages include long-term service contracts for regular inspections.



Spare Parts

Even the best equipment shows signs of wear over time. We only use spare parts of the highest quality, which meet the same quality requirements as the original parts.



Repairs

We assure that any HVAC repair services by Systemair technicians will be performed promptly and correctly the first time, allowing you to enjoy greater reliability and reducing the risk of future downtime.



Retrofit

Retrofitting or renovating an existing unit offers the customer an opportunity to save on operational costs as well as postpone major capital expenditures.



Case Study: Gran Teatre del Liceu, Barcelona, Spain

Iconic on-site retrofit

The iconic Gran Teatre del Liceu embodies not only Barcelona's cultural heritage but also the technical excellence required by a venue of this scale. In this retrofit project, Systemair's Service Department took on the challenge of modernising the existing air conditioning system without altering the essence of the building, delivering the precision, quality and tailor-made solutions that define Systemair.

The project involved the complete replacement of two existing air handling units located inside the building, with no direct access for removal or installation. Due to the structural limitations of the theatre, the new units were manufactured in modular sections and transported individually to the site for on-site assembly – a solution aligned with the flexibility of modular AHUs designed for complex refurbishments.

Over a two month, our team executed a highly complex retrofit installation of two large AHUs. Each unit delivers an airflow of 55,000 m³/h and is equipped with a fan wall consisting of 12 supply fans and 6 return fans, chilled water coils (220.82 kW) and heating coils (236.74 kW), an adiabatic humidification system, and a D3200 rotary heat exchanger. The system also includes mixing dampers and F6 + F9 filtration on the supply side, ensuring clean and efficient air in line with the highest quality standards.

This retrofit intervention enabled the seamless upgrade of the existing installation to state-of-the-art technology, optimising energy efficiency while significantly enhancing indoor air comfort – all while preserving the architectural integrity of one of Europe's most emblematic theatres.

