

Waterborne climate systems

Optimal indoor climate with demand-controlled and energy-efficient products

Optimal indoor climate with Swegon's waterborne products

An optimal indoor climate means that you experience a comfortable temperature, without noise and draughts. You quite simply enjoy being in the room and can focus on your work in the office, in the conference room or relax in your hotel room.

Swegon's waterborne products use water as energy carrier. Water is our natural source of life and the characteristics of water as a cooling and heating carrier give the capacity to temper each room effectively as required. No fans are needed, which makes the room quiet and pleasant. The induction principle gives the waterborne products a high capacity for efficient mix of with the room air and provide a high-cooling capacity without the risk of draughts and the indoor climate feels perfect.

Swegon's waterborne products are easy-to-install and maintain, and feature a degree of adaptability that ensures the products can satisfy both current and future needs. Water can carry more energy than air and provides a more efficient system requiring less space. Operating costs are low and a water system is a good environmental option.

Thanks to the stylish design, our climate systems blends well in room milieus—ideally you should not even notice them!

Swegon's waterborne comfort modules, chilled beams and perimeter systems deliver an optimal indoor climate!

**'The best
indoor climate
for people
and the
environment'**





PARASOL

A comfort module for each requirement

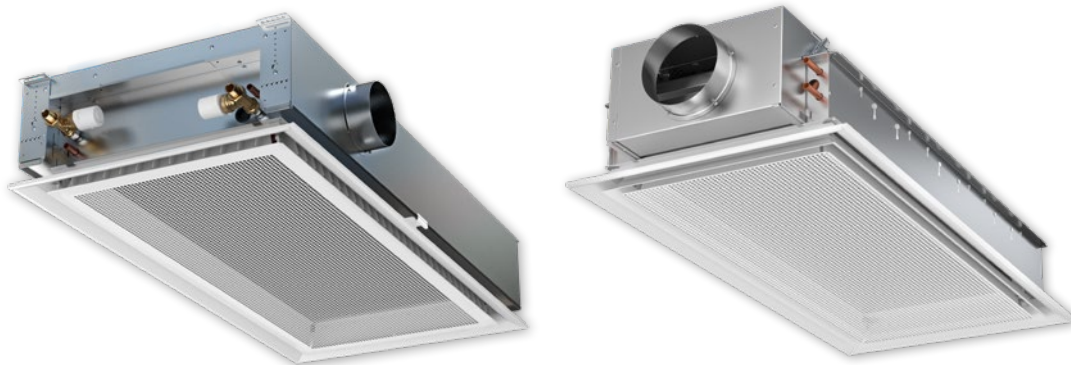
PARASOL is a comfort module that combines climate beam efficiency with air diffuser flexibility

People are comfortable, feel good and can easily focus when the indoor climate is optimized. In offices, in conference rooms and other work places indoor comfort is extremely important for the well-being and productivity of the occupants. When the supplied air is quickly mixed with the room air and when the distribution pattern can be controlled sectionally on all sides of the product, comfort becomes optimal and everyone in the room feels good and can focus on important tasks.

A comfort module differs from a climate beam as it distributes air in four directions instead of two. This maximizes the area for the mixture of supply air with the room air, which enables you to take out a high capacity, but without occupying more ceiling space than necessary.

PARASOL Zenith has been developed to handle large variations in the supply air flow rate as well as the cooling and heating load. The vast working area gives the possibility of tenant adjustment without changing the system. The high cooling capacity means that a lower duct pressure or a higher cooling water temperature can be used, which gives perfect room comfort and save energy. It has a low weight, compact dimensions and optional air connections on short or long sides, making it easy to install.

PARASOL Classic is a reliable and cost-effective part of an indoor climate system. It offers good performance and countless possibilities to adapt the air distribution according to the requirements of the room.





- 1 High comfort—quiet, draught-free and right temperature
- 2 Easy-to-plan—ventilation, cooling and heating in a single unit
- 3 Satisfied end users—individual regulation of temperature
- 4 Minimal service requirement—no fan, filters or drainage
- 5 Great flexibility—adaptable to meet needs now and in the future

PARASOL Zenith

Different control platforms

The level of activity in an office or conference room varies throughout the day and therefore it is important to adapt the ventilation to avoid ventilating empty rooms as if there was a high level of occupancy. Large energy savings can be made with the right control system for the building. For existing systems or where you have a need to control only the water side, there are also simpler forms of control available.

For PARASOL there are four different control options that can be adapted to the actual needs in the room.

PARASOL Zenith

PARASOL Zenith is a constant flow product that in its standard version comes with one knob for easy and quick setting of a fixed air flow from the slot openings.

Can also be integrated in the WISE system as a constant flow module with control of water valves.



PARASOL Zenith VAV

PARASOL Zenith VAV is a demand-controlled stand-alone comfort module. With its unique, variable slot control and large working range, we are always able to supply the right air flow to the room and this with our functional controller that offers many I/O.

Can also be easily integrated in a main control system via Modbus.



WISE Parasol Zenith

Swegon's WISE Parasol Zenith offers unique variable air flow control and conditioning of the room.

With slot control, it's ensured that we always deliver the right air flow to the room regardless of the operating mode.

WISE Parasol Zenith with slot control is designed for demand-controlled ventilation, fully equipped with valves, actuators and control unit for wireless communications, for full integration with Swegon's WISE system.





- 1 Easier dimensioning and variable air flow control
- 2 Demand-controlled ventilation adapted to the level of activity in the rooms
- 3 The optimal WISE product
- 4 Optimized for low energy consumption
- 5 High comfort irrespective of its position in the room

PARAGON, PARAGON Wall

Compact 1-way air distribution comfort module for optimal comfort

PARAGON

PARAGON is developed for the purpose of creating an optimal indoor climate mainly in hotel rooms and hospital wards.

Hotel guests always have high expectations of a hotel room and make high demands on their hotel stay. It should be quiet, draught-free and have the right temperature to feel ideal.

To stay in a well ventilated, quiet and draught-free room with the right temperature is relaxing and healthy. The guest wakes in the morning bright-eyed and rested. PARAGON ventilates and has the right temperature, works silently and is extremely effective. With a Paragon in the hotel room, guests will want to return.

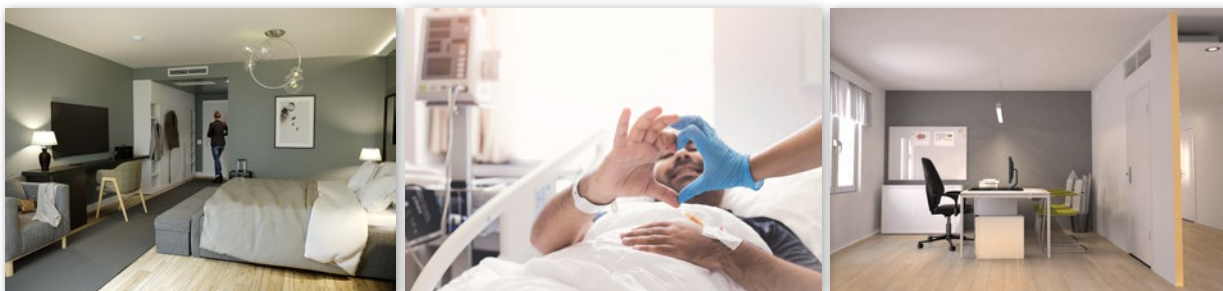
Focus is placed on optimal comfort and low operating costs. The product is driven by a central air handling unit so that no sound generating integrated fan is needed and the product is maintenance-free.



PARAGON Wall

PARAGON Wall is a variant that fits extremely well in office rooms where the unit can be installed above the suspended ceiling in the corridor with only the grille installed inside the room.

By using the same grille for both the distribution of supplied air and the recirculation of supply air, PARAGON Wall can be installed outside the room. An advantage of utilizing the space above the suspended ceiling in the adjoining corridor is that service can be carried out in the corridor without the need to access the room served by the unit. With only one grille to take into consideration, only one opening is needed in the wall.





- 1 Optimized cooling and heating and low noise level
- 2 Space saving with low installation height
- 3 Built-in control equipment
- 4 Closed system—no fans and no condensation
- 5 Easy installation

PACIFIC

An active climate beam that adapts to the room for optimal comfort

PACIFIC is a product that is adapted to the room rather than you needing to adapt the room to PACIFIC. The stylish design in combination with great flexibility means it blends in well in the surrounding environment. There is always a variant that satisfies the demand variation of air flow, cooling capacity, heating capacity and noise requirements.

PACIFIC can cool, heat and ventilate. It has a modular design to meet market demands on different suspended ceilings. Optimal comfort in the room is achieved through the ability to control both the air flow and distribution pattern sectionally along the long sides. Freedom of choice in terms of placement is great and the room will be draught-free.

If operations in a building change, the PACIFIC can be simply adjusted to provide maximum comfort, based on the new ventilation requirements.

The product consists of a capacity module and a design module that can be ordered in various sizes for easy access to pipe couplings, etc.

PACIFIC is a product that blends in and delivers an optimal climate without problem.





- 1** High performance for installation in suspended ceilings
- 2** Built-in flexibility to meet today's needs as well as those in the future
- 3** Great freedom of choice for configuring the unit to meet current needs
- 4** Supply air, cooling and heating
- 5** Additional module for extra supply and extract air

PRIMO

A perimeter wall unit for maximum comfort in a minimum of space

Some offices and conference rooms have very little space for ventilation, yet the need of optimal comfort remains in order for the occupants to feel vital and comfortable in the rooms. PRIMO is perfect for rooms with small areas as, despite its compact format, it satisfies all demands made on a modern climate system, i.e. high air quality without draught and noise.

PRIMO is a perimeter climate system that can cool, heat and ventilate. Low-pressure rise means low noise and low energy costs. The entire system is installed along the perimeter wall, which results in no installation space on the floor, ceiling or corridor is needed.

PRIMO has a modular design and is therefore suitable for new builds, renovation projects as well as the replacement of older induction and mini-air units. The modules are based on size-adapted prefabricated parts that are quick and easy to install.

The core of the perimeter wall climate system consists of perimeter wall units of different lengths depending on the air flow, cooling and heating requirements as well as noise demands. Size-adapted prefabricated pipes and ducts facilitate installation and quality assurance. Several different casings can be selected based on requirements and design requirements.





- 1 High capacity; occupies little space
- 2 A complete climate system for placement along a perimeter wall
- 3 Modular designed unit with great flexibility
- 4 Prefabricated parts give effortless installation
- 5 Designed for both new builds and renovation as well as replacement of older induction units

WISE

Demand-controlled indoor climate has never been easier

What is WISE?

WISE is a complete system with all the products you need for your indoor climate, including a smart control system and an easy-to-use user interface.

The system also comes with years of experience built-in, which makes the construction process simple, from planning to commissioning, and creates flexibility for future tenant conversions.

The basic purpose of WISE is to adjust the indoor climate to exactly the level required. It ventilates, cools and heats neither too much – which costs energy – nor too little – which adversely affects comfort, but only as much as is needed. With WISE you can combine high energy efficiency, the ideal indoor climate and a full overview of the whole system.



STORA
INNEKLIMATPRISET

Swegon won the 18th edition of the 'Stora Inneklimatpriset' for the Wise system. It is Swegon's third victory in the 'Stora Inneklimatpriset'.



Intelligent products and systems

Demand-controlled ventilation with WISE

Internet of things is a generic term for communications between products and people via the Internet. With WISE, the technology has taken the indoor climate industry by storm.

The new WISE is the crowning achievement to date in Swegon's comprehensive offering, and gives immense added-value along with a sound indoor climate.

Swegon has the solution

WISE supports different combinations of indoor climate systems. Combine waterborne and airborne within the building, from floor level to zone and room level.

Buildings often house multiple activities and undertakings. Examples of this would be offices, shops, schools, hotels and homes. WISE is a flexible and scalable system. The system can be adapted to meet the requirements and preferences of different enterprises and undertakings, including those that vary over time.

WISE brings additional functionality to the table and yet another concept - DCIC or Demand Controlled Indoor Climate. A complete solution is now offered for the entire indoor climate, airborne and waterborne, individually or in combination.



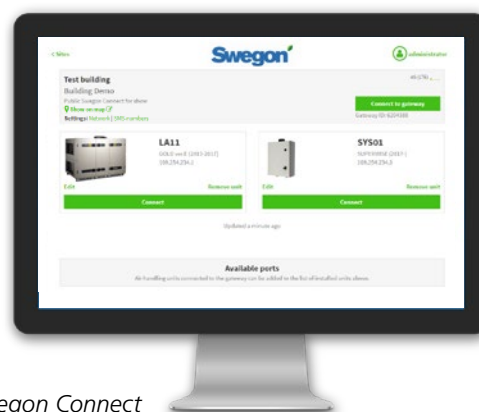
Swegon Connect

A comfortable and energy efficient indoor climate is a good investment for everyone. Regular maintenance is essential for the service life and condition of the products, as well as quality of your indoor climate. Swegon Connect rationalizes monitoring, optimization, logging, support and maintenance, and will soon prove a profitable investment.

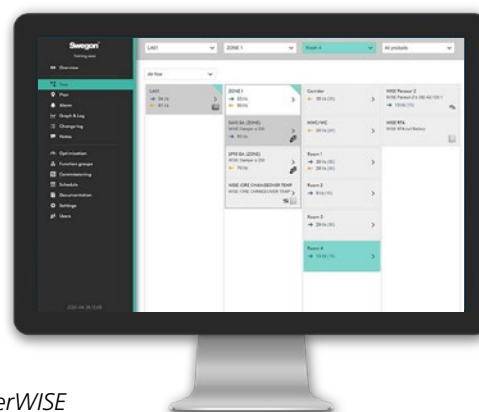
Being able to plan maintenance and employ the right resources in advance, saves both time and money. In addition, many cases can be managed remotely, which means further savings. If necessary, Swegon's technicians can also connect to the system. This creates conditions for e.g. simplified warranty management.

Swegon Connect gives the user full control irrespective of their geographical location. All system products with an integrated web server can be reached and managed via Swegon Connect.

Swegon Connect can easily be connected to both the Swegon air handling units and indoor climate systems.

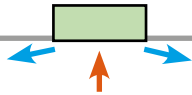


Swegon Connect



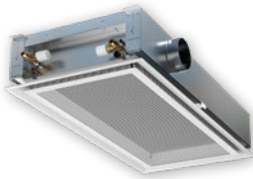
SuperWISE

Integrated into suspended ceilings



PARASOL Classic

Active, flexible, comfort module for ventilation, cooling and heating. Also available with electric heating



- 4-way air distribution with adjustable air volume and flexible direction of air discharge for highest comfort
- Easily adjustable nozzles in combination with Swegon's ADC give the highest comfort and flexibility
- High capacity over a small ceiling area
- Can be ordered with installed control equipment and wireless communication
- Face plate that opens for easy access to the coil
- Supply air, supply air/cooling, supply air/cooling/heating (electric or water)
- PlusFlow variant with extra large air flows e.g. for conference rooms

Air flow

Up to 85 l/s (300 m³/h)

Capacity

Cooling: Up to 2055 W

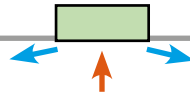
Heating: Water: Up to 2700 W

Electric: Up to 1000 W

Size

600x600 or 600x1200 mm.

Height: 220 mm. (PF: 240 mm)



PARASOL Zenith

High performance active comfort module for ventilation, cooling and heating



- 4-way air distribution with adjustable air volume and flexible direction of air discharge for highest comfort
- Can be integrated in the WISE-system
- Optimized for low energy consumption
- Large span between the lowest and highest air flow
- Manages high air flow at low driving pressure
- Easy installation on account of low weight, compact dimensions and optional air connections on short or long sides
- Quick bracket for time-saving installation
- Stylish design with optional perforation pattern
- Hygiene design as an option for hospital applications

Air flow

Up to 100 l/s (360 m³/h)

Capacity

Cooling: Up to 2135 W

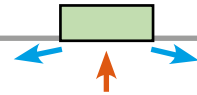
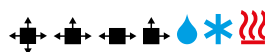
Heating: Water: Up to 3500 W

Size

600x600/1200/1800 with adaptations for several ceiling systems.

Height: 220/250/290 mm.

(Ø125/160/200)



PARASOL Zenith VAV

Energy saving active comfort module for demand-controlled ventilation



- 4-way air distribution with adjustable air volume and flexible direction of air discharge for highest comfort
- Equipped with control equipment for stand-alone or connectable to BMS via ModBUS
- Integrated damper for variable air flow control 0–100% gives a complete product
- Energy efficient operation as ventilation, heating and cooling are adapted as needed
- Optimal comfort with provision for individual control on a product or room level
- Large working range in one and the same product simplifies planning

Air flow

Up to 100 l/s (360 m³/h)

Capacity

Cooling: Up to 2135 W

Heating: Water: Up to 3500 W

Size

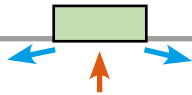
600x600/1200/1800 with adaptations for several ceiling systems.

Height: 220/250/290 mm.

(Ø125/160/200)

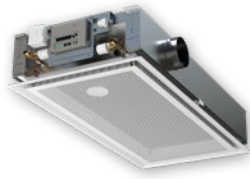


Integrated into suspended ceilings



WISE Parasol

Active comfort module for WISE System for demand-controlled ventilation



- 4-way air distribution for demand-controlled indoor climate, integrated in Swegon's control platform WISE
- Complete product with all components fitted at the factory and where all room accessories are easily connected with the help of a scanner and hand-held terminal
- Energy efficient operation as ventilation, heating and cooling are adapted as needed
- Optimal comfort with provision for individual control on a product or room level
- Easy installation

Air flow

Up to 85 l/s (300 m³/h)

Capacity

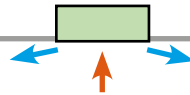
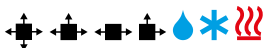
Cooling: Up to 2055 W

Heating: Water: Up to 2700 W
Electric: Up to 1000 W

Size

600x600/1200 with adaptations for several ceiling systems.

Height: 220 mm. (PF: 240 mm)



WISE Parasol Zenith

Active comfort module for WISE System for demand-controlled ventilation



- 4-way air distribution for demand-controlled indoor climate integrated in Swegon's control platform WISE
- Integrated damper for variable air flow control 0–100% gives a complete product
- Energy efficient operation as ventilation, heating and cooling are adapted as needed
- Optimal comfort with provision for individual control on a product or room level
- Simple installation and connection to the WISE system
- Large working range in one and the same product simplifies planning

Air flow

Up to 100 l/s (360 m³/h)

Capacity

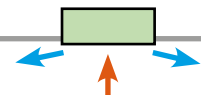
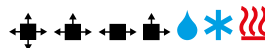
Cooling: Up to 2135 W

Heating: Water: Up to 3500 W

Size

600x600/1200/1800 with adaptations for several ceiling systems.

Height: 220/250/290 mm



Swegon PACIFIC

Active, climate beam for ventilation, cooling and heating. Also available with electric heating



- Adjustable air volume and flexible direction of air discharge
- Adaptable to meet current requirements before, during and after installation
- High capacity and excellent comfort properties
- Size-adapted modules for integration in suspended ceilings
- Connection in series is possible

Air flow

Up to 75 l/s (200 m³/h)

Capacity

Cooling: Up to 3400 W

Heating: Water: Up to 3500 W
Electric: Up to 1000 W

Size

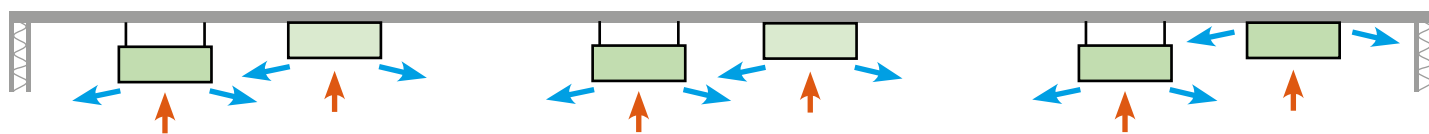
Length: 1194–3043 mm.

Width: 594–667 mm.

Height: 163–277 mm.



Suspended from the ceiling



PARASOL EX

Active comfort module for ventilation, cooling and heating



- 4-way air distribution with adjustable air volume and flexible direction of air discharge for highest comfort
- Air diffusion for highest comfort regardless of where it is installed in the room
- There is also a designer casing to cover the air and connection ducts to produce a uniform design in the room

Air flow

Up to 55 l/s (200 m³/h)

Capacity

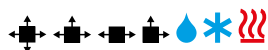
Cooling: Up to 1930 W

Heating: Up to 2450 W

Size

690 x L=690 or 1290 mm

Height: 250 mm



ADAPT Parasol EX

Energy saving comfort module



- 4-way air distribution with adjustable air volume and flexible direction of air discharge for highest comfort
- Energy efficient operation as ventilation, heating and cooling are adapted as needed
- Optimal comfort with provision for individual control on a product or room level
- Built-in control that automatically regulates the climate

Air flow

Up to 55 l/s (200 m³/h)

Capacity

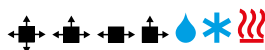
Cooling: Up to 1930 W

Heating: Up to 2450 W

Size

690 x L=690 or 1290 mm

Height: 250 mm



WISE Parasol EX

Active comfort module for WISE System for demand-controlled ventilation



- 4-way air distribution with adjustable air volume and flexible direction of air discharge for highest comfort
- Energy efficient operation as ventilation, heating and cooling are adapted as needed
- Optimal comfort with provision for individual control on a product or room level
- All room accessories are easily connected with the help of a scanner and hand-held terminal

Air flow

Up to 55 l/s (200 m³/h)

Capacity

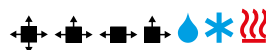
Cooling: Up to 1930 W

Heating: Up to 2450 W

Size

690 x L=690 or 1290 mm

Height: 250 mm



Suspended from the ceiling



ADRIATIC VF

Active climate beam for ventilation, cooling and heating



- Adjustable air volume and flexible direction of air discharge
- High capacity and excellent comfort properties
- Integrated circulating air opening in the face plate
- The connection components, valves and dampers are concealed in a simple manner by an stylish connection casing
- Stylish design and extremely low installation height that fits in well in all types of room decor

Air flow

Up to 60 l/s (220 m³/h)

Capacity

Cooling: Up to 2400 W

Heating: Up to 3400 W

Size

Length: 1200–3600 mm.

Width: 363 mm.

Height: 172 mm.



FRB

Passive chilled beams for comfort cooling where ventilation and heating are already installed



- High capacity even if there are significant differences in temperature between supply and return
- No moving parts and no flow-generated sound
- Requires little ceiling space
- Designed with soft lines to blend naturally into all environments
- No moving parts, no noise generation and is maintenance-free
- Connection components and valves are concealed in a simple manner by an attractive connection casing

Capacity

Cooling: Up to 1000 W

Size

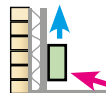
Length: 1200–3900 mm.

Width: 290, 430 mm.

Height: 123, 133 mm.



Facade



PRIMO

Active climate system for placement along a perimeter wall



- Ventilation, cooling and heating (electric or water)
- Also heats without ventilation via natural convection
- Highly adaptable for matching the appearance to a specific decor
- Up to 10 units can be connected in series
- Both adapted for new builds and renovation projects
- Quick and easy installation as modules are based on size-adapted prefabricated components

Air flow

Up to 45 l/s (160 m³/h)

Capacity

Cooling: Up to 1930 W

Heating, water: Up to 2030 W

Heating, electric: Up to 1000 W

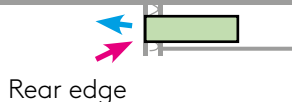
Size

Length: 600–1600 mm.

Height: From 365 mm.



Wall



Rear edge



Bulkhead

PARAGON Wall

Active comfort module for ventilation, cooling and heating of e.g. office rooms



- Adjustable air volume and flexible direction of air discharge
- Cost-effective solution for re-furbishing since the installation work is done in the corridor
- Unique solution in which the distribution air and circulation air use the same grille
- Available as high capacity variant where a CCO valve is used to utilize the whole coil for both cooling and heating

Air flow

Up to 77 l/s (278 m³/h)

Capacity

Cooling: Up to 2675 W

Heating, water: Up to 4496 W

Size

Width: 775 – 1500 mm.

Height: 264 mm.

Depth: 795 mm.



PARAGON

Active comfort modules for ventilation, cooling and heating of e.g. hotel rooms and hospital wards



- Adjustable air volume and flexible direction of air discharge
- Plug & play installation with integrated control equipment
- Low installation height
- Available as high capacity variant where a CCO valve is used to utilize the whole coil for both cooling and heating

Air flow

Up to 77 l/s (278 m³/h)

Capacity

Cooling: Up to 2820 W

Heating, water: Up to 4580 W

Size

Width: 775 – 1500 mm.

Height: 220 mm.

Depth: 765 mm.





Optimal indoor climate

- 1 Efficient cooling, heating and ventilation
- 2 Easy to adapt to all needs and to install and maintain
- 3 Noiseless and draught-free
- 4 Low operating costs and a good environmental choice
- 5 Connectable control system for controlling the room temperature and air quality



A long-term partner

Local presence

Swegon has a network of qualified engineers and technicians near you. They carry out ventilation system commissioning, repairs and maintenance. Our spare parts warehouse carries parts and accessories, including for older versions of our products.

Expertise

Swegon's technicians have solid expertise in ventilation, cooling and indoor climate systems. Swegon is committed to maintaining its industry lead, and attaches great importance to training and upskilling our technicians on the latest advances in the industry.

In this way, we always have the right resources and capabilities to assist you in achieving and maintaining dependable systems.

Operation & maintenance

Our comprehensive services comprise commissioning of diverse system solutions, together with troubleshooting, repairs and maintenance services. We also offer monitoring of your facility, including software updating and fault prevention services.

After-sales service

Swegon strives to assist its customers, wherever you are located, to identify the right solution for your premises. For refurbishment projects, we can help to propose the ideal solution for you in relation to space, operating costs and building use. Naturally, we can also assist you in both dismantling and installation of new products and solutions. In the unlikely event that any product or service from us fails to perform as expected, you have the peace of mind of our product warranty.

Swegon's global presence



Karolinska Institutet, Stockholm



BBVA Head Office, Madrid



Stockholm Waterfront



CitizenM Hotel, Glasgow



Scandic Victoria Tower, Stockholm



ANZ Tower, Auckland



Piri Reis Marine University, Istanbul



Quality Hotel Rivers Station, Drammen



Volkswagen, Dresden

Visit our website
www.swegon.com

We make every breath count.