



LUFTDON

Highest product quality for
best air quality



- Quiet and draught-free for high comfort
- Easily adapted to suit the activity in the room
- Design that fits in well in different environments
- High flexibility as regards installation and placement

Have you ever noticed our air diffusers?

Quiet, free of draughts and with a design that blends in with the surroundings, Swegon's air diffusers provide a fresh, energising indoor climate without disturbing us in our daily lives. So it's not surprising if you haven't noticed our air diffusers – it's a sign that we've done a good job.

Design is function

The obvious difference between Swegon's different air diffusers is their appearance. In order to blend into the room and uplift its overall impression, they need to look a certain way; but the design of these products is also decisive for their function. When the surroundings change, the air flow also have to be changed. Swegon's uniquely designed air diffusers make it simpler than ever to change their distribution pattern.

Quiet

Our ears are constantly exposed to background noise. Ventilation is far too often considered synonymous with irritating background noise. Swegon's air diffusers are therefore thoroughly tested to make sure that they won't convey noise to rooms. Effective sound attenuating characteristics and flexible installation placement options enable us to minimize the sound in all types of rooms.

Free of draughts

One of the most important functions of air diffusers is to be able to achieve an energising indoor climate, is to distribute the air draught-free. Spending long periods in environments where there is a cold draught is neither comfortable nor healthy. Swegon has air diffusers for every air flow and air velocity, all designed to supply the air free of draughts. Several of our air diffusers also offer increased flexibility through the ability to change the distribution pattern to suit the current need, for example our air diffusers equipped with rotatable nozzles.

**Swegon's air diffusers
are available in several
different designs for
various environments
and needs**



Highest product quality for best air quality

Regardless of how good a product is, it can always be better. This is the goal we have to pursue, in order to continuously be able to supply high-quality products. Modern laboratories with state-of the-art testing equipment guarantee that our R&D efforts really yield results, together with automated manufacturing processes that contribute to increased productivity with high and uniform quality.

Since our aim is to provide fresh air indoors, we also understand the importance of having fresh air outdoors. A product that does not measure up to the right quality is not good for the environment either.

Our entire organisation is certified in terms of quality and the environment. Our goal is to be the leading company in our sector when it comes to environmentally compatible corporate operations and environmentally compatible products.







- Create customised rooms
- Match with suitable products
- Compare products
- Calculate both supply and extract air
- Add multiple products in the same room

Easy sizing with Swegon's product selection program

Calculate and simulate air diffusers by quickly and easily filling in the values for room type and room size in Room Unit Design or Single Product Calculator, Swegon's web-based product selection program and simulation tool for room units. Calculations are performed for e.g. pressure drop, flow and noise level for either the entire room or the individual product. You do not need to log in to use Room Unit Design or Single Product Calculator, rather calculations can be performed immediately after launching the program!

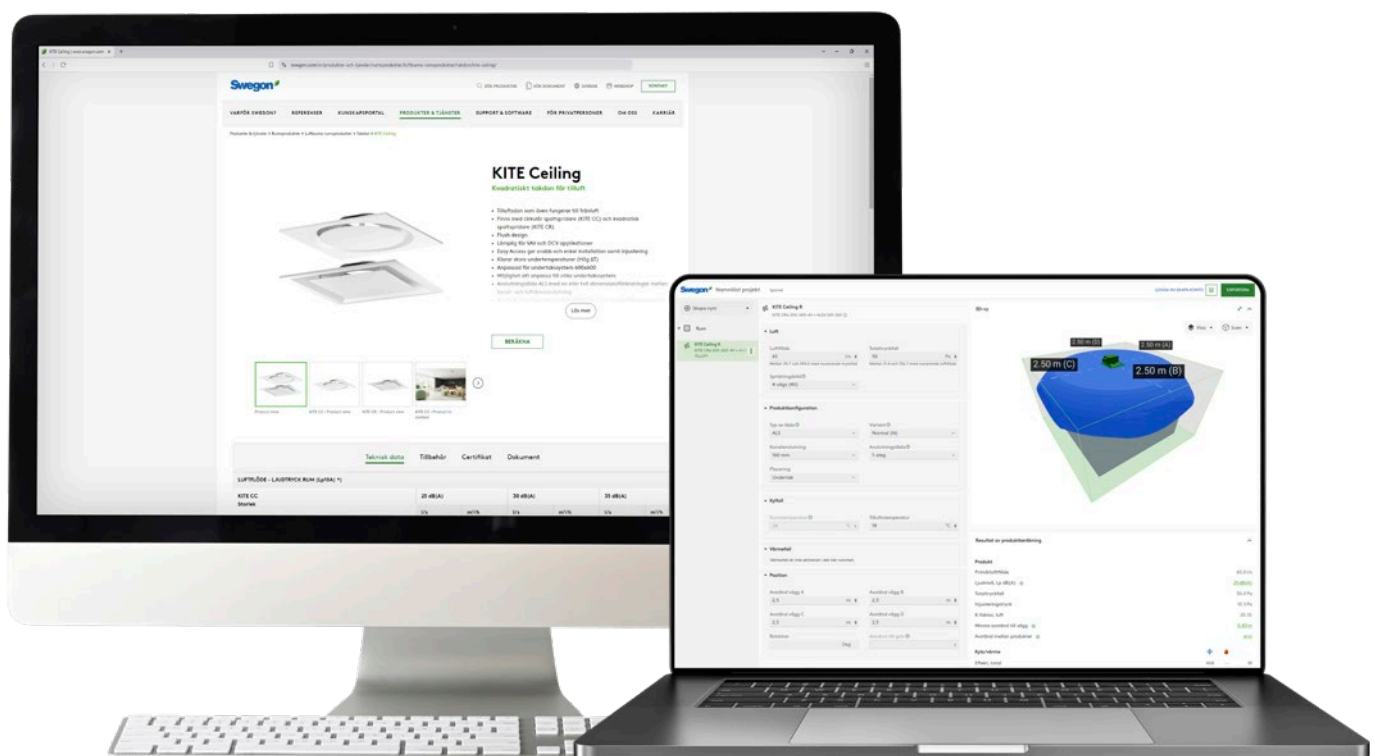
Potential for basic or advanced calculations

Single Product Calculator provides the option of basic calculations or simulations. You can therefore access the calculation program directly via our product pages by clicking on the "Calculate" button. If you need more advanced calculations, you can easily open Room Unit Design via the calculation you have already started in Single Product Calculator. In Room Unit Design, you can then save the project by logging in, adding more rooms to the project, adapting the room's floor plan, adding more products in the room, and much more.

Product Selector helps you make the right choice

Using the Product Selector function in Room Unit Design, it is now easier than ever to find the right solution. Simply fill in information about the room in question and the specific needs, and the project will be matched with suitable products. Does the room need to be heated or cooled, for instance? The products that are matched to the project can then be further filtered, for example by entering their installation placement and the required duct connection.

The Product Selector also provides the option of comparing different products, making it even easier to make the right choice. The products are then presented side-by-side, along with the calculation results for a versatile overview.



Focus on design with Decoline

Swegon makes it possible to combine an excellent indoor climate with colour and form. Each environment is a unique combination of style, colour and material. With Decoline, the appearance that is right for the environment in which the air diffusers will be installed is chosen.

Stone, wood, carbon fibre or metal? With Decoline, anything is possible! Below are examples of designs and air diffusers that can be ordered with Decoline.

Air diffusers available in Decoline



CDR

Air diffuser with flat upper section in brushed metal.



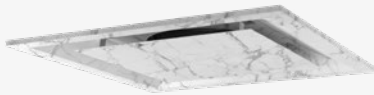
CIRCO

Sound attenuating transfer unit in brown leather and black oak.



ORTO

Sound attenuating transfer unit in carbon fibre and light oak.



KITE Ceiling

Slot diffuser in white marble, black marble and walnut.



CDR in brushed metal



Let the air diffuser
stand out or blend in

KITE Ceiling in walnut



- Enables short and long throw lengths
- Stable and sharply defined distribution pattern
- Available in alternative standard colours
- Air flow up to 2520 m³/h

100% flexible distribution pattern with Swegon's nozzle diffusers

These days, an ever increasing degree of flexibility is needed in the design of buildings. As a result, it is important to have products that are designed to meet these requirements. With Swegon's nozzle diffusers, the distribution pattern can be changed after installation without affecting the system in general. The nozzle diffuser's flow and pressure are not affected, which means that new commissioning is not necessary, saving both time and money.

Nozzle diffusers have a large number of nozzles that the air passes through. This creates a number of air jets, which promotes good and rapid air mixture, making nozzle diffusers particularly suitable for the delivery of cooled air.

Our nozzle diffusers permit an infinite number of distribution patterns, as each individual nozzle can be rotated. Due to a number of factors, however, such as the need for heating/cooling, number of diffusers, furnishing and obstacles, the suitability of different distribution patterns may vary.

Why choose Swegon's nozzle diffusers?

- **100% flexible distribution pattern**

The rotatable nozzles allow an infinite number of distribution patterns, including horizontal or vertical distribution for efficient heating.

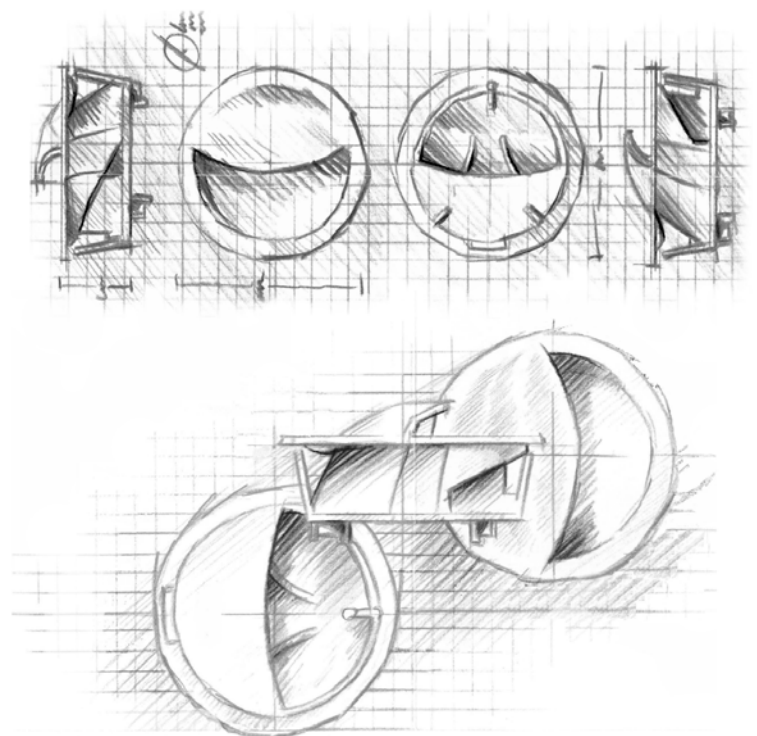
- **Maximum induction effect**

One of the purposes of the nozzle design is to achieve maximum induction effect, as well as to obtain 90° horizontal ceiling discharge. This makes full use of the coanda effect, which is particularly important in the case of variable flows.

- **Wide range**

Swegon offers a wide range of nozzle diffusers, including many variants and extensive adaptation options. As a result, we offer considerable potential to find the air diffusers that are suitable from both an aesthetic and a functional perspective.

Swegon's first ceiling diffuser with nozzles was launched in 1993, and since then we have delivered **1.8 million** nozzle diffusers



Find the balance quickly and accurately

Swegon's commissioning boxes simplify commissioning noticeably by having a method for measuring the pressure, instead of measuring the air flow. The required air flow can be calculated using the measured pressure and a coefficient of performance (k-factor), specified on all of Swegon's air diffusers.

Measuring the pressure instead of the air flow is faster and offers higher precision, resulting in lower installation costs and a system that is less burdensome on the air handling unit. With a well balanced system, the level of comfort increases since the correct air flow and climate can be achieved in all rooms.

Swegon offers three different commissioning boxes for ceiling diffusers, wall diffusers and grille diffusers. These are always in stock for quick delivery.

Quick facts

- Pressure measurement tube and cord for damper adjustment.
- Flow control, sound attenuation, pressure measurement and distribution of air in one and the same box.
- Removable and cleanable dampers.
- Easy commissioning with fixed measurement tapping.
- Max. 5% deviation of the flow.
- 90° duct bend can be connected directly to the commissioning box.



ALS

Commissioning box for air diffusers



ALV

Commissioning box for wall diffusers



TRG

Commissioning box for grille diffusers

Secure the indoor climate in each room

With REACT, it is easy to select the right solution to ensure the indoor climate in each room, whether it is a renovation or new-build.

Instead of combining a variable flow damper with a silencer and a diffuser, it is possible to use a single product: REACT ALS.

REACT ALS is a complete and adaptable active commissioning box, ideal for a cell office or small office spaces, for instance. The commissioning box is equipped with a function for variable or constant air flow for supply air.

It is also fully modular, which makes it possible to choose from several of our air diffusers to create a project-specific solution as regard performance, design and colour.



REACT ALS

Commissioning box with variable flow regulation for air diffusers



COLIBRI Ceiling VF

Nozzle diffuser for variable flow



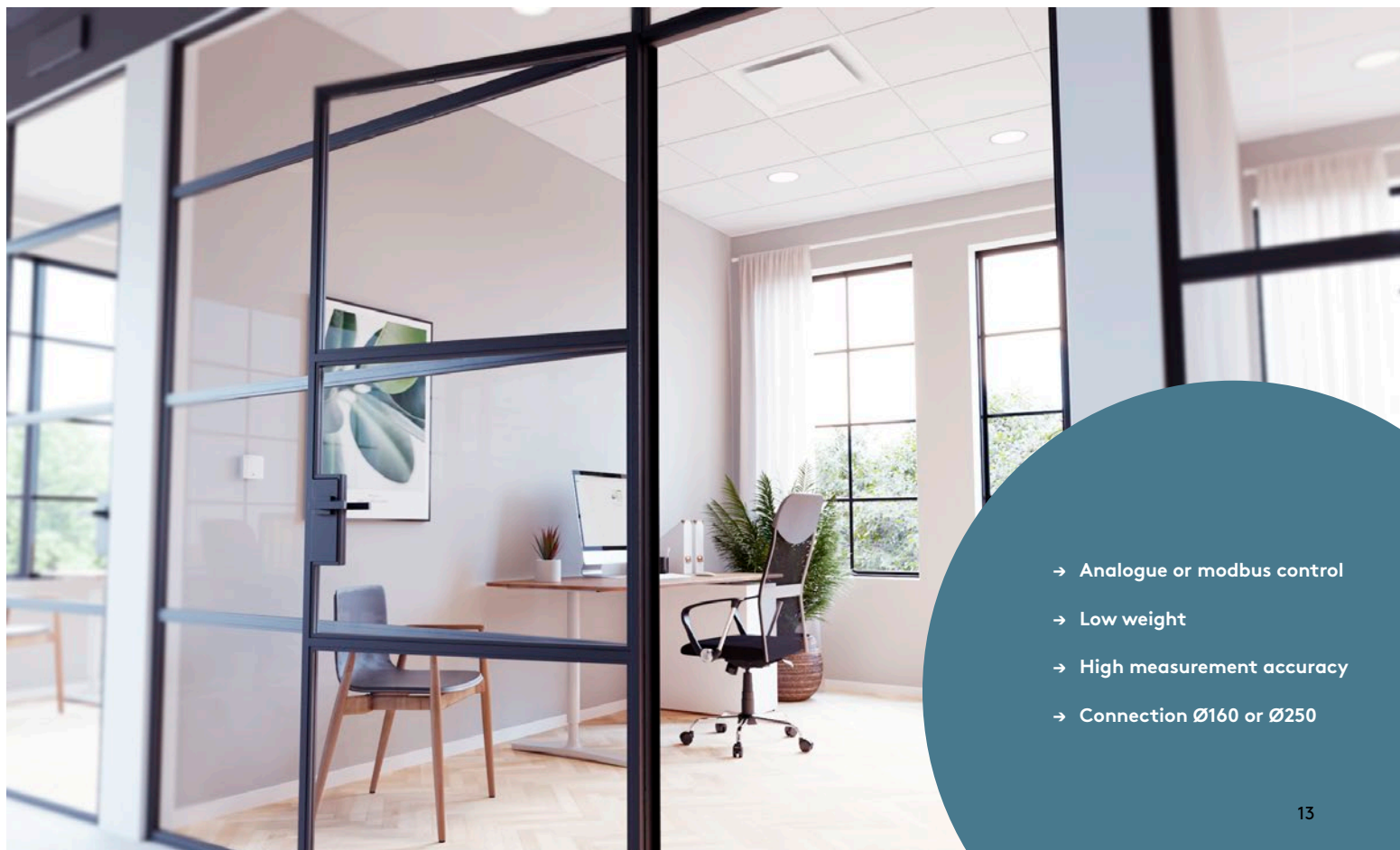
LOCKZONE Ceiling VF

Perforation in a rotation pattern



KITE Ceiling

Slot diffuser in a circular or rectangular design



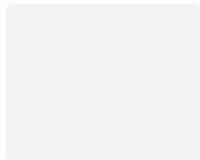
- Analogue or modbus control
- Low weight
- High measurement accuracy
- Connection Ø160 or Ø250



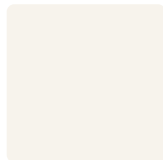
Which air diffusers meet your requirements?

Swegon offers a wide range of air diffusers so that you can always find a product that fits both aesthetically and functionally. In addition, the air diffusers are available in all possible colours.

Standard colours



RAL 9003,
Signal white



RAL 9010,
Pure white



RAL 9006,
White aluminium



RAL 9007,
Grey aluminium



RAL 7037,
Dusty grey



RAL 9005,
Jet black

Explore Swegon's wide range of air diffusers

When choosing the right air diffuser, several factors are decisive. Some of these factors are the choice of system, throw lengths, the design of the property, layout of the room, ceiling height, pressure drop, the possibilities for ducting and any renovation needs in the future. Together, these factors ensure optimal function and comfort. Swegon's range therefore includes air diffusers for all needs and rooms.

- 16 Ceiling diffusers**
- 21 Exposed ceiling diffusers**
- 22 Extract air diffusers**
- 23 Wall diffusers**
- 24 Grille diffusers**
- 27 Clean-room diffusers**
- 28 Displacement diffusers**
- 29 Transfer units**
- 29 Duct diffusers**
- 30 Reinforced terminals**
- 31 Floor diffusers**
- 31 Jet diffusers**

Ceiling diffusers



CBE

Ceiling diffuser with unidirectional spread for supply air

Ø100-160 mm **q 40-245 m³/h**

- Rotatable distribution pattern
- Short throw lengths
- Suitable for concrete hollow-core slab
- Can be used in combination with the ALS commissioning box



CDD

Ceiling diffuser with flat upper section for supply air

Ø100-315 mm **q 45-685 m³/h**

- Perforated diffuser face
- Adjustable slot height
- Cleanable
- Can be used in combination with the ALS commissioning box



CDR

Ceiling diffuser with flat upper section for supply air

Ø100-315 mm **q 45-685 m³/h**

- Non-perforated diffuser face
- Adjustable slot height
- Cleanable
- Can be used in combination with the ALS commissioning box



CDK

Ceiling diffuser with tapered upper section for supply air

Ø100-315 mm **q 60-1080 m³/h**

- Non-perforated diffuser face
- Adjustable slot height
- Cleanable
- Aerodynamically shaped inlet cone for higher capacity
- Can be used in combination with the ALS commissioning box



CKP

Ceiling diffuser with tapered upper section for supply air

Ø100-315 mm **q 60-1080 m³/h**

- Perforated diffuser face
- Adjustable slot height
- Cleanable
- Aerodynamically shaped inlet cone for higher capacity
- Can be used in combination with the ALS commissioning box



LPA

Ceiling diffuser for supply or extract air

Ø160-400 mm **q 90-1008 m³/h**

- Guide vane perforation in rotation pattern
- High induction capabilities
- Adapted for mounting in drywall ceiling
- Simple installation
- Can be used in combination with the ALS commissioning box



COLIBRI Ceiling

Ceiling diffuser with nozzles for supply or extract air

Ø125-400 mm **q CC: 60-540 m³/h**
q CR: 60-560 m³/h

- Circular (CC) or square nozzle pattern (CR)
- 100% flexible distribution pattern
- Easy access with Quick Access
- Designed for modular suspended ceilings
- Low installation height possible
- Can be used in combination with the ALS commissioning box



COLIBRI Ceiling VF

Ceiling diffuser with nozzles for variable flow

Ø250, 315 mm **q 36-457 m³/h**

- 100% flexible distribution pattern
- Easy access with Quick Access
- Designed for modular suspended ceilings
- Low installation height possible
- Can be used in combination with the ALS commissioning box
- Can be used in combination with the active commissioning box REACT ALS



EAGLE Ceiling

Ceiling diffuser with nozzles for supply or extract air

Ø125-400 mm **q 60-775 m³/h**

- Circular (CC) or square nozzle pattern (CR)
- 100% flexible distribution pattern
- Easy access with Quick Access
- Designed for modular suspended ceilings
- Low installation height possible
- Can be used in combination with the ALS commissioning box



HAWK Ceiling

Perforated diffuser for supply or extract air

Ø125–400 mm **q 65–885 m³/h**

- Circular perforation pattern
- Easy access with Quick Access
- Designed for modular suspended ceilings
- Low installation height possible
- Can be used in combination with the ALS commissioning box



KITE Ceiling

Slot ceiling diffuser for supply or extract air

Ø125–315 mm **q 72–626 m³/h**

- Circular (CC) or square (CR) diffuser face
- Simple access with Easy Access
- Designed for modular suspended ceilings
- Low installation height possible
- Can be used in combination with the ALS commissioning box
- Can be used in combination with the active commissioning box REACT ALS



SWIFT Ceiling

Ceiling diffuser for supply or extract air

Ø200–315 mm **q 200–540 m³/h**

- Guide vane perforations in a rotation pattern
- Easy access with Quick Access
- Designed for modular suspended ceilings
- Can be used in combination with the ALS commissioning box



LOCKZONE Ceiling

Ceiling diffuser with guide vane perforations in a rotation pattern

Ø125–400 mm **q 65–790 m³/h**

- For supply or extract air
- Easy access with Quick Access
- Designed for modular suspended ceilings
- Can be used in combination with the ALS commissioning box



LOCKZONE Ceiling VF

Diffuser with guide vane perforations in a rotation pattern for variable flow

Ø250, 315 mm **q 36–587 m³/h**

- For supply air
- Easy access with Quick Access
- Designed for modular suspended ceilings
- Can be used in combination with the ALS commissioning box
- Can be used in combination with the active commissioning box REACT ALS



PELICAN Ceiling

Perforated ceiling diffuser with flexible distribution pattern

Ø125–400 mm **q 60–820 m³/h**

- For supply air (CS) and extract air (CE)
- Easy access with Quick Access
- Large throttling range
- Can be used in combination with the ALS commissioning box



VZ-41

Linear slot diffuser for ceiling and wall installation - 41 mm

q 60–416 m³/h

- Modular length: 1000, 1500, 2000 mm
- One, two, three or four slots (more slots on request)
- Possible to join together into long lengths
- Multivariable adjustable



SRY

Linear slot diffuser with nozzles for supply air

Ø125–200 mm **q 35–685 m³/h**

- 100% flexible distribution pattern
- High induction capabilities
- Possible to join together into long lengths
- Measurement and regulation function
- Removable damper
- Commissioning box for commissioning of air flow



SWAN/SWAN WTW

Linear slot diffuser for supply or extract air

Ø160–250 mm **q 145–540 m³/h**

- Modular length 1200 mm with two, three or four slots
- Horizontal/vertical air distribution
- Telescopic function
- Possible to join together into long lengths (WTW)
- Removable damper
- Commissioning box for commissioning of air flow





Exposed ceiling diffusers



COLIBRI Free

Ceiling diffuser with nozzles for supply or extract air

Ø100–400 mm **q 40–940 m³/h**

- 100% flexible distribution pattern
- Easy access with Quick Access
- Swirl function as a standard
- Removable damper
- Adapted for rooms without a suspended ceiling



EAGLE Free

Ceiling diffuser with nozzles for supply or extract air

Ø100–400 mm **q 40–1260 m³/h**

- 100% flexible distribution pattern
- Easy access with Quick Access
- Swirl function as a standard
- Removable damper
- Adapted for rooms without a suspended ceiling



EAGLE Single

Ceiling diffuser with nozzles for supply air

Ø100–400 mm **q 70–1080 m³/h**

- 100% flexible distribution pattern
- High induction capabilities
- Swirl function as a standard
- Removable damper
- Can be used in combination with the ALS commissioning box



EXP Free

Ceiling diffuser with perforation for extract air

Ø100–400 mm **q 36–1530 m³/h**

- Easy access with Quick Access
- Large air flow range
- Removable damper
- Can easily be converted into a supply air diffuser by replacing the diffuser face
- Adapted for rooms without a suspended ceiling



FALCON Ceiling

Adjustable ceiling diffuser for supply air

Ø125–500 mm **q 70–2250 m³/h**

- Horizontal or vertical distribution pattern
- Provision for motorised adjustment of the distribution pattern
- Suitable for heating and cooling of rooms
- Can be used in combination with the ALS commissioning box



FALCON High Flow

Adjustable ceiling diffuser for supply air in large premises

Ø315–500 mm **q 1080–5400 m³/h**

- Horizontal or vertical distribution pattern
- Provision for motorised adjustment of the distribution pattern
- Suitable for heating and cooling of rooms
- Same total pressure drop for horizontal and vertical distribution



KITE Free

Ceiling diffuser for supply and extract air

Ø125–315 mm **q 70–940 m³/h**

- Easy access with Quick Access
- Removable damper
- Low installation height
- Fixed lateral slot
- Adapted for rooms without a suspended ceiling

Extract air diffusers



EXC

Control valve with large throttling range

Ø100–200 mm **q 30–285 m³/h**

- High natural attenuation
- Lockable adjustment
- Easy installation
- Bayonet fixing

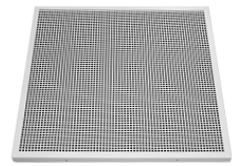


EXF

Control valve with large throttling range

Ø100–160 mm **q 18–415 m³/h**

- High natural attenuation
- Lockable adjustment
- Easy installation with spring mounting



EXP

Raster grille for square suspended ceiling systems

600x600 mm **q 900–3420 m³/h**

- Circular or rectangular perforation pattern
- Manages large extract air flows
- Used to pressurise suspended ceilings
- Designed for modular suspended ceilings
- Without duct connection



PELICAN Ceiling HF

Ceiling diffuser with perforated diffuser face

Ø160–400 mm **q 65–2500 m³/h**

- Easy access with Quick Access
- Designed for modular suspended ceilings
- Manages large extract air flows
- Alternatively for centralized extract air with separate silencer and damper
- Can be used in combination with the ALS commissioning box

Wall diffusers

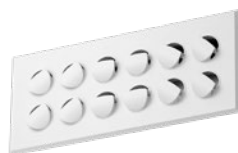


COLIBRI Wall

Wall diffuser with nozzles for supply air

300x150–550x300 mm **q 45–360 m³/h**

- 100% flexible distribution pattern
- Measurement and control function
- Placement in the room inside corner possible
- Cleanable
- Used in combination with the ALV commissioning box



EAGLE Wall

Wall diffuser with nozzles for supply air

300x150–550x300 mm **q 60–490 m³/h**

- 100% flexible distribution pattern
- Measurement and control function
- Placement in the room inside corner possible
- Cleanable
- Used in combination with the ALV commissioning box

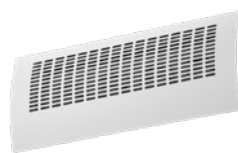


LOCKZONE Wall

Wall diffuser with perforation for supply air

300x150–550x300 mm **q 60–580 m³/h**

- Measurement and control function
- Simple commissioning
- Cleanable
- Used in combination with the ALV commissioning box



PELICAN Wall

Wall diffuser with perforation for supply air

300x150–550x300 mm **q 60–470 m³/h**

- Flexible distribution pattern that is easy to set
- Simple commissioning
- Cleanable
- Used in combination with the ALV commissioning box



IBIS Wall

Duct air diffuser with nozzles for supply air

Ø200 mm **q 280–580 m³/h**

- 100% flexible distribution pattern
- Simple to install where the wall meets the ceiling
- Modular length 1500 mm
- Active length, max 4500 mm
- Connection, rear or side



DOMO

Supply air diffuser for placement in ceiling or wall

Ø100 mm **q 20–80 m³/h**

- Measurement and commissioning functions
- The same design for ceiling or wall mounting
- For rooms with low air flows
- Environmentally conscious material selection



SDW

Supply air diffuser for rooms with low air flows

Ø80–125 mm **q 32–173 m³/h**

- Adapted for smaller rooms
- Measurement and commissioning functions
- Throttling/magnetic strips on the inside of the diffuser face
- Removable front without tools

Grille diffusers



ALG

Linear grille for supply or extract air

200x100–600x200 mm **q 65–1350 m³/h**

- For placement in wall or ceiling
- Fixed distribution pattern
- 50% free area
- Installed in mounting frame FHA or FHB or commissioning box TRG



EIV

Single deflection grille for supply air

Ø100–160 mm **q 50–270 m³/h**

- For placement in wall
- Adjustable air deflectors
- Easy installation
- Can be used in combination with the ALS commissioning box



GTH

Double deflection grille for supply air

200x100–600x200 mm **q 100–1260 m³/h**

- For placement in wall
- Adjustable air deflectors
- 70% free area
- Installed in mounting frame FHA or FHB or commissioning box TRG



GRC

Grille for extract air

Ø160–630 mm **q 215–3960 m³/h**

- For placement in wall or ceiling
- 91% free area
- Manages large air flows
- Can be used in combination with the ALS commissioning box



GRL

Grille for extract or transfer air

200x100–600x200 mm **q 90–1890 m³/h**

- For placement in wall or ceiling
- 91% free area
- Manages large air flows
- Installed in mounting frame FHA or FHB or commissioning box TRG



LTA

Light-blocking grille for supply and transfer air

200x100–800x200 mm **q 50–720 m³/h**

- For placement in wall or door
- Two black grilles in series for darkrooms
- Telescopic flanged frame



MFA

Universal grille for supply or extract air

- For placement in the floor, window sill or wall
- Can be customised for every need
- Buildable to unlimited lengths
- Slot width 5, 10 or 14 mm



UFA

Universal grille for supply or extract air

- For placement in the floor or window sill
- Can be customised for every need
- Buildable to unlimited lengths
- Slot width 5, 10 or 14 mm



UFK

Universal grille for supply or extract air

- For placement in the floor
- Can be customised for every need
- Buildable to unlimited lengths
- Slot width 10 or 14 mm





Clean-room diffusers



CONDOR

Supply air ceiling with nozzles

q 450–2490 m³/h

- 100% flexible distribution pattern
- For large air volumes to small surfaces
- Nozzle modules 600x600 mm
- High induction capabilities
- Cleanable



CDH

Ceiling air diffuser with HEPA filter for supply air

q max 720 m³/h

- Diffuser face with perforated design or equipped with nozzles
- HEPA filter H14 with rubber seal
- Rectangular or circular duct connection
- Painted interior
- Measurement tappings for dip test and pressure measurement across the filter

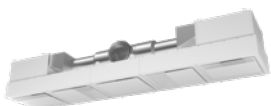


CLH

Ceiling air diffuser with HEPA-filter for supply air

q max 720 m³/h

- Diffuser face with perforated design or equipped with nozzles
- HEPA filter H14 with gel seal
- Rectangular or circular duct connection
- Painted interior
- Measurement tappings for dip test and pressure measurement across the filter



OPL

Supply air ramp with HEPA filter

q 2340 m³/h

- Air flow specially adapted for operating theatres
- Pressure outlet for filter guard
- Equipped with two HEPA filter H14
- Can be opened and cleaned

Displacement diffusers



BOC

Low velocity air diffuser with heating function

Ø200–630 mm **q 580–5760 m³/h**

- For rooms with high ceiling heights that are heated with air
- Requires no floor surface
- Electric actuator or manual setting



DBC

Bow-shaped low velocity diffuser with adjustable air deflectors

Ø200–400 mm
Φ200x600–300x600 **q 270–3170 m³/h**

- Adjustable distribution pattern and near zone
- Well-suited for all types of rooms
- Measurement tapping
- Circular or rectangular connection



DCP

Circular low velocity diffuser with adjustable air deflectors

Ø125–630 mm **q 210–4320 m³/h**

- Adjustable distribution pattern and near zone
- Well-suited for all types of rooms
- Measurement tapping



DHC

Semi-circular low velocity diffuser with adjustable air deflectors

Ø125–800 mm **q 90–6300 m³/h**

- Adjustable distribution pattern and near zone
- Well-suited for all types of rooms
- Measurement tapping



DIR

Rectangular low velocity diffuser with adjustable air deflectors for flush mounting

Ø100–200 mm **q 105–535 m³/h**

- Adjustable distribution pattern and near zone
- Well-suited for all types of rooms
- Measurement tapping



DRI

Rectangular low velocity diffuser with adjustable air deflectors

Ø200–400 mm
Φ250x800 mm **q 255–4140 m³/h**

- Adjustable distribution pattern and near zone
- Well-suited for all types of rooms
- Measurement tapping
- Circular or rectangular connection



DVC

Quarter-circular low velocity diffuser with adjustable air deflectors

Ø125–400 mm **q 90–2090 m³/h**

- Adjustable distribution pattern and near zone
- Well-suited for all types of rooms
- Measurement tapping

Transfer units



CIRCO

Sound attenuating transfer unit with circular installation dimension

q < 200 m³/h

- For transferring air through walls
- Integrated mounting frame
- Suitable for use in rooms with normal sound attenuating requirements



ORTO

Sound attenuating transfer unit with rectangular installation dimension

q < 415 m³/h

- For transferring air through walls
- For installation above doors
- Suitable for use in rooms with normal sound attenuating requirements



SOTTO

Sound attenuating transfer unit with circular installation dimension

q < 145 m³/h

- For transferring air through walls
- Suitable for use in rooms with normal sound attenuating requirements



CTK

Sound attenuating transfer unit for large air flows

q ≤ 795 m³/h

- For transferring air through walls/ceiling
- Conforms to crosstalk requirements through walls
- Type-approved sound attenuating material



CTM

Sound attenuating transfer unit for large air flows

q ≤ 720 m³/h

- For transferring air over walls
- Conforms to crosstalk requirements through walls
- Type-approved sound attenuating material

Duct diffusers

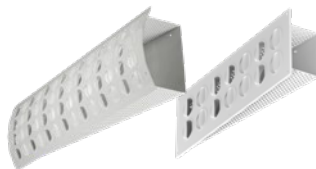


IBIS

Duct air diffuser with adjustable nozzles for suspended installation

Ø160–630 mm **q 105–3240 m³/h**

- 100% flexible distribution pattern
- Module length 1500 mm
- Maximum active length 4500 mm



KDY

Duct air diffuser with adjustable nozzles for mounting directly in the duct

q 65–505 m³/h

- 100% flexible distribution pattern
- For circular (KDY-C) or rectangular (KDY-R) ducts
- Specially designed for rebuilding and extension repair



VZ-AR

Duct air diffuser for supply or extract air

q 70–1176 m³/h

- Individually adjustable air deflectors
- Circular (VZ-AR) or oval design
- Maximum number of perforation rows depends on the diameter

Reinforced terminals



ROC

ROBUST ceiling diffuser for supply or extract air

Ø125, 160 mm **q 65–165 m³/h**

- Robust design
- Adapted for rooms with demands on higher strength and lockability
- Guide vane perforation
- Can be used in combination with the ALS commissioning box



ROE

ROBUST extract air diffuser for wall and ceiling

Ø100–200 mm **q 65–165 m³/h**

- Robust design
- Adapted for rooms with demands on higher strength and lockability
- Large throttling range and high natural attenuation
- Lockable adjustment



ROT

ROBUST sound attenuating transfer unit

q ≤ 295 m³

- Robust design
- Adapted for rooms with demands on higher strength and lockability
- For transferring air through walls
- Rectangular installation opening
- Conforms to crosstalk requirements through walls



ROW

ROBUST wall diffuser

Ø125, 160 mm **q 85–310 m³/h**

- Adapted for rooms with demands on higher strength and lockability
- Fixed radial distribution pattern
- Pressure raising insert
- Available in a wide range of special designs for optimal adaptation

Floor diffusers



LOCKZONE Base

Vortex air diffuser for raised floors

Ø100–200 mm **q 45–115 m³/h**

- Robust sheet steel design
- High induction effect
- Can be combined with the ALS commissioning box or dirt trap LOCKZONE T



DCC

Low velocity air diffuser for small air flows

Ø100 mm **q 60–85 m³/h**

- Installed in tiered seating/steps or floors
- Fixed radial distribution pattern
- Cleanable



DPG

Low velocity air diffuser for small air flows

Ø125 mm **q 30–125 m³**

- Installed in tiered seating/steps or floors
- Fixed distribution pattern
- Also suitable as a traditional wall diffuser
- Can be used in combination with the ALS commissioning box



DRG

Low velocity air diffuser for small air flows

300x100 mm **q 50–70 m³/h**

- Adjustable distribution pattern and near zone
- Installed in tiered seating/steps
- Cleanable
- Available in special designs

Jet diffusers



CKD

Ceiling and wall diffuser for supply air

Ø200–500 mm **q 210–1620 m³/h**

- Cone unit adjustable through 360°
- Diffused or concentrated distribution pattern
- Manual or motorised adjustment
- Suitable for supplying air warmer than room temperature
- Can be used in combination with the ALS commissioning box

Feel good **inside**

