



## AIR DIFFUSERS

Highest product quality for  
best air quality

# Have you never seen our air diffusers?



Our air diffusers are available in several different versions for various environments and needs.

It is not very strange if you don't notice Swegon's air diffusers. This is a sure sign that we have done a good job. Quiet, free of draught and well-designed to blend in among other fittings in their surroundings, our air diffusers give rooms a fresh, energizing indoor climate without disturbing us in our daily life.

## Design is function

The obvious difference between our different air diffusers is their appearance. In order to blend in into the décor of 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 undergo a change, air diffusion settings also have to be changed. Swegon's uniquely designed air diffusers make it simpler than ever to change their diffusion 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 thoroughly tested to make sure that they won't convey noise to rooms. Their effective sound attenuating characteristics and flexible location options enable us to minimize the volume of flow-generated sound in all types of rooms.

## No draught

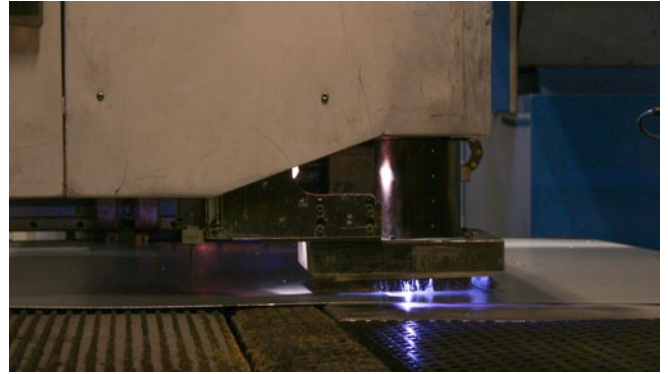
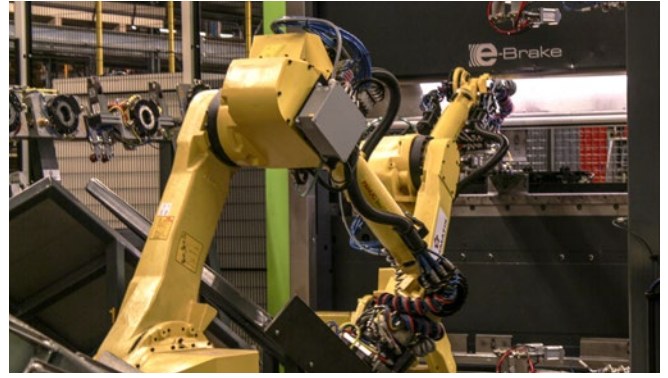
It is neither comfortable nor healthy to spend time, especially longer periods, in environments where there is a cold draught. Swegon has air diffusers for every airflow and air velocity. They are all designed to supply air free of draught. This is by far one of the most important functions of air diffusers for achieving an energizing indoor climate. Our air diffusers can also be modified to conform to your present needs.

Swegon's air diffusers can be used in very demanding type of environments. All spaces in the Opera House in Oslo, Norway, have air diffusers from Swegon.

- 1 High comfort, quiet and free of draught!
- 2 Easily adjusted to suit the activity in the room
- 3 Pleasing design that fits in well in many different environments
- 4 High flexibility with many installation and position options





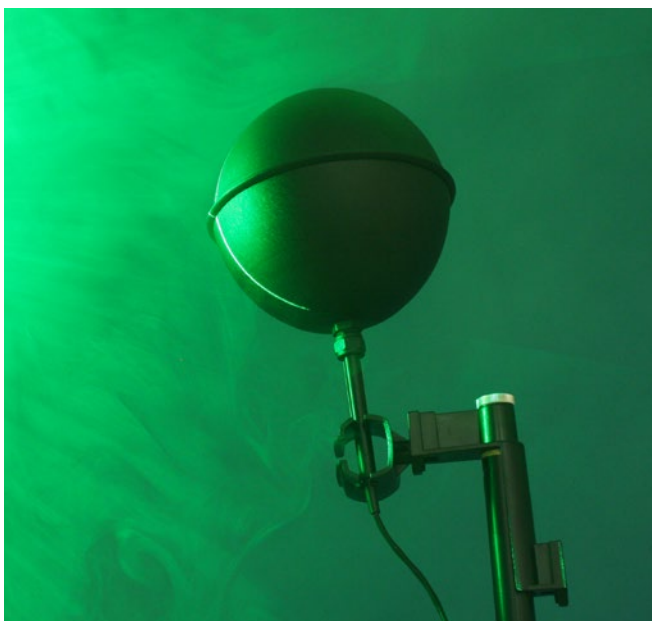


Automated manufacturing processes contribute to increased productivity, high and uniform quality.

## Highest product quality for best air quality

### Development

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.



Modern laboratories for testing air distribution and flow control products.

### Quality and environmental awareness

Since our aim is to provide fresh air indoors, we also understand the importance of having fresh air outdoors. Our entire organization is quality and environmentally certified. A product that does not measure up to the right quality is not good for the environment either. Our goal is to be the leading company in our trade in terms of environmentally compatible corporate operations and environmentally compatible products.



## How would you like to have your air today?

Even cool air can be supplied into a room without draught when Swegon's nozzle diffusers are used. Fresh air is effectively mixed into the warm air in the room, thus providing more comfortable air exchange. Swegon's unique, aerodynamically designed nozzles always make it possible to set the diffusion pattern so that no one will have to feel a cold draught in the room. The diffusion pattern is very simple to alter any time without affecting the sound level, airflow or pressure!

## Benefits

### 100% flexible diffusion pattern

- The nozzles of the air diffuser can be set to provide the diffusion pattern desired. Even completely vertical air discharge is possible for effective heating.
  - Greater flexibility and more effective heating!

### High induction rate

- In a wide flow range, substantially under-tempered air can be mixed into the room air without draught.
  - Better efficiency, cooling capacity and comfort!

### Wide range of products

- Many variants and many customising possibilities
  - This means that you can always find an air diffuser that fits both aesthetically and functionally.

## Brief facts

### Size

17 different models in various sizes

### Airflow

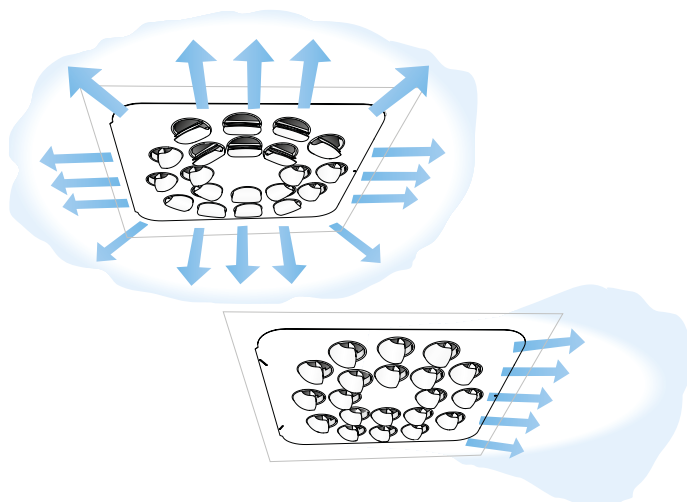
Up to 700 l/s, (5500 m<sup>3</sup>/h).

### Other

Recommended nozzle settings are specified in each product leaflet.

They are available in optional colours.

For complete specifications, visit: [www.swegon.com](http://www.swegon.com)



Swegon's nozzle diffusers have fully adjustable diffusion pattern that won't affect the pressure or increase the level of flow-generated sound.





## Best comfort at close range

Swegon's displacement terminals are made to effectively discharge air at low velocity. To ensure good comfort in rooms, most of the air terminal devices are equipped with Swegon's flexible Varizon® air distribution system, which makes it possible to alter the diffusion pattern. In rooms with high ceilings, substantial energy savings are possible by installing Swegon's displacement terminals with Varizon®. Swegon offers displacement terminals in many different designs for a wide range of airflows.

## Benefits

### Adjustable diffusion pattern

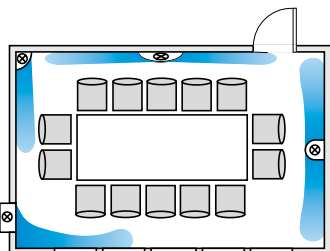
- Varizon®, diffusion system makes adjustment of diffusion image possible.
  - Increased comfort. You can be in the vicinity of the air diffuser and not experience draughts.

### Effective at low air velocity

- Effective air exchange despite low discharge velocity, means lower demands on air handling unit capacity.
  - Good ventilation efficiency with maintained good comfort. Lower installation costs with smaller air handling units.



Maximal flexibility with nozzles in Swegon's Varizon® system.



With Varizon®, the terminal can be set to move the near zone away from critical areas – no risk for draught!

## Brief facts

### Size

12 different models.

### Airflow

Up to 1200 l/s, (4300 m<sup>3</sup>/h).

### Other

Available in optional colours. Versions suitable both for comfort and industrial ventilation.

For complete specifications, visit: [www.swegon.com](http://www.swegon.com)



## The combination that alternates warm with cold

BOC is a unique air diffuser because it can alternate displacement ventilation. The air diffuser is designed for use in buildings with high ceilings (e.g. sports centres, shopping centres, industries, etc.) and can be either installed suspended from the ceiling or secured to a wall. In this way, BOC doesn't take up any floor space.

When the room needs to be heated, air is discharged downward through the nozzles in the upper section of the diffuser (mixing ventilation). When the room needs to be cooled, the lower section of the diffuser serves as a displacement air diffuser, supplying air below room temperature at low velocity to the room.

Thanks to the Varizon® air distribution system, the diffusion pattern of the chilled air can also be adjusted to prevent draughts.

## Benefits

### Can alternate between heating and cooling

- When cooling is required BOC serves as a displacement terminal, but when its Booster function is active, it presses hot air downward.
  - Great flexibility. It automatically adjusts itself to meet room requirements.

### Suspended installation

- BOC can be suspended from the ceiling or secured to a wall.
  - More floor space for other uses.

### Joint operation with GOLD

- Swegon's GOLD air handling unit can automatically control the settings of the air terminal devices.
  - High and lasting indoor comfort!

## Brief facts

### Size

Six sizes: Ø200-Ø630 mm.

### Airflow

Up to 1800 l/s (6500 m³/h).

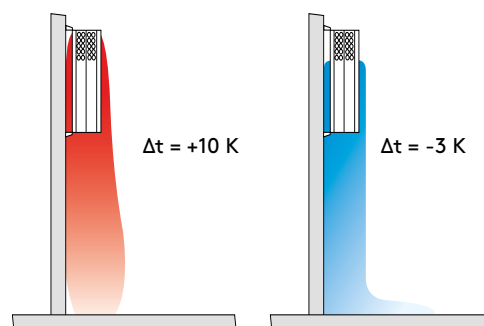
### Other

Adjustable between mixing and displacement function.

### Accessory

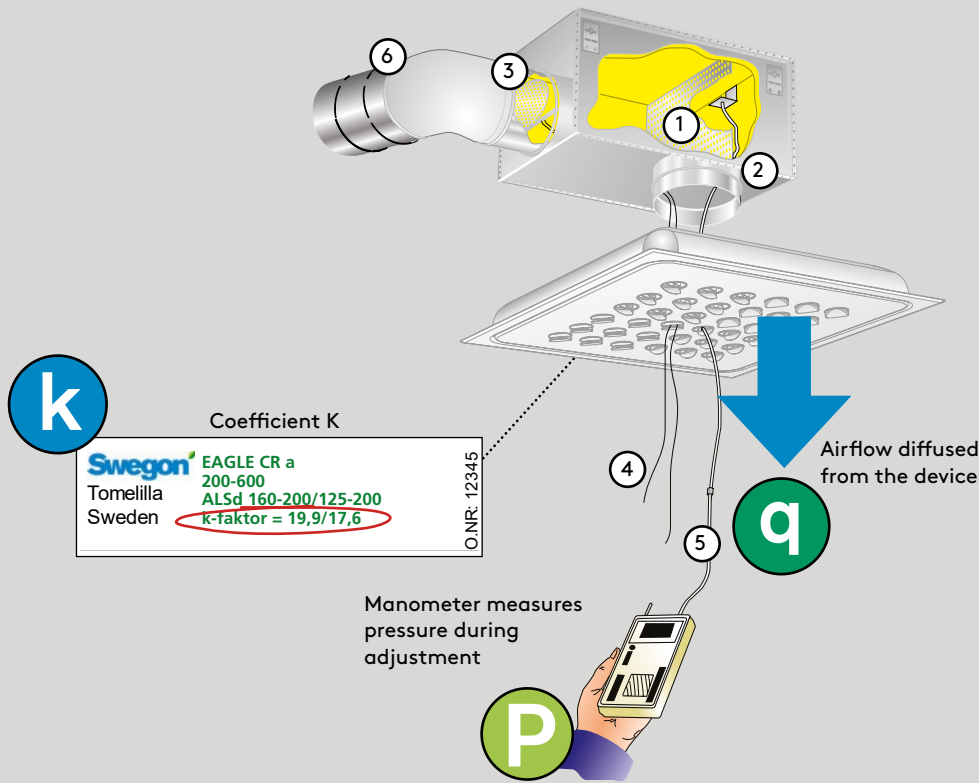
VHC control equipment.

For complete specifications, visit:  
[www.swegon.com](http://www.swegon.com)



BOC is both a displacement and mixing air terminal.





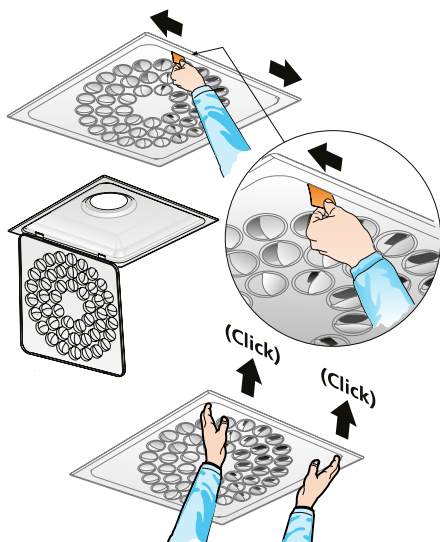
1. Perforated plate for even air distribution.
2. The commissioning box is lined with effective sound attenuating material.
3. Damper
4. Cords for damper adjustment.
5. Hose connected to pressure measurement nipple in the box.
6. Insensitive to duct bend

$$q = k \cdot \sqrt{P}$$

## Find balance quickly and accurately

Swegon's ALS commissioning box makes commissioning much easier. Instead of having to measure the airflow, the ALS has a unique solution for measuring the pressure. The airflow required can be calculated using the current manometer reading and a coefficient of performance, symbolised by a "k", specified on all of Swegon's air diffusers.

Measuring the pressure instead of the airflow is done more quickly, is much more accurate, cuts installation costs and provides better balance in the system with all its advantages!



Quick Access when commissioning, means that it is quick and simple to mount and dismantle the face plate.

## Benefits

### Reduced demand for energy

- A well-balanced system is less burdensome on the ventilation unit.
  - Lower operating costs

### Flexibility and logistics

- The commissioning box fits all of Swegon's ceiling air diffusers. Always in stock.
  - Quick delivery

### Accurate measurement values

- Pressure measurements involve very small margins of error.
  - Better balanced systems. Right airflow and climate in all the rooms. Better comfort

## Brief facts

- Fits all of Swegon's ceiling diffusers.
- Pressure measurement hose and cord for damper adjustment.
- Flow control, sound attenuation, pressure measurement and air distribution in one and the same box.
- Max. 5% deviation of the flow.
- 90° duct bend can be connected directly to the commissioning box.

Complete guide for commissioning on [www.swegon.com](http://www.swegon.com)

# Ceiling diffusers

## CBE

Circular ceiling diffuser with unidirectional diffusion of supply air.



**q 10–70 l/s, 40–245 m³/h**

- Unidirectional diffusion pattern, rotatable
- Short throw
- Easy to install
- Suitable for concrete hollow-core floor/ceiling slabs
- Can be used in combination with the ALS commissioning box
- Connection sizes: Ø100-160 mm

## CDD/CDR

Circular ceiling diffuser for supply air. Flat upper section.



**q 20–190 l/s, 45–685 m³/h**

- Diffusion pattern can be blanked off
- Adjustable slot
- Perforated diffuser face = CDD
- Unperforated diffuser face = CDR
- Can be used in combination with the ALS commissioning box
- Connection sizes: Ø100-315 mm

## CDK/CKP

Circular ceiling diffuser for supply air. Tapered upper section.



**q 15–300 l/s, 60–1080 m³/h**

- Diffusion pattern can be blanked off
- Adjustable slot
- Aerodynamically designed outlet cone
- Unperforated diffuser face = CDK
- Perforated diffuser face = CKP
- Can be used in combination with the ALS commissioning box
- Aerodynamic designed outlet cone for increased performance
- Connections sizes: Ø100-315 m

## LPA

Circular ceiling air diffuser for supply or extract air.



**q 25–280 l/s, 90–1008 m³/h**

- Guide vane perforations in rotation pattern
- Designed for flush mounting in plasterboard ceiling
- Easy to install
- Can be used in combination with the ALS commissioning box
- Connection sizes: Ø160-400 mm

## COLIBRI CC/CR

Square ceiling diffuser with square or circular nozzle pattern for supply and extract air.



**q CC = 15–150 l/s, 60–540 m³/h  
CR = 15–155 l/s, 60–560 m³/h**

- 100% flexible diffusion pattern
- Swirl function as a standard
- Easy access with Quick Access
- Designed for modular suspended ceilings
- Feasible low installation height
- Can be used in combination with the ALS commissioning box
- Connection sizes: Ø125-400 mm

## EAGLE CC/CR

Square ceiling diffuser with square or circular nozzle pattern for supply and extract air.



**q CC = 15–215 l/s, 60–775 m³/h  
CR = 15–215 l/s, 60–775 m³/h**

- 100% flexible diffusion pattern
- Swirl function as a standard
- Easy access with Quick Access
- Designed for modular suspended ceilings
- Feasible low installation height
- Can be used in combination with the ALS commissioning box
- Connection sizes: Ø125-400 mm



**HAWK C**

Square ceiling diffuser for supply and extract air.

**q 20–245 l/s, 65–885 m³/h**

- Design perforations arranged in a circular pattern
- Adapted for “flush” ceiling mounting
- Easy access with Quick Access
- Designed for modular suspended ceilings
- Feasible low installation height
- Can be used in combination with the ALS commissioning box
- Connection sizes: Ø125-400 mm.

**SWIFT C**

Square ceiling diffuser for supply and extract air.

**q 55–150 l/s, 200–540 m³/h**

- Designed for “flush” ceiling mounting
- Rotational air discharge pattern
- Easy access with Quick Access
- Designed for modular suspended ceilings
- Can be used in combination with the ALS commissioning box
- Connection sizes Ø200-315 mm

**LOCKZONE C**

Square ceiling diffuser for supply and extract air.

**q 20–220 l/s, 65–790 m³/h**

- Guide vane perforations in rotation patterns
- Designed for flush ceiling mounting
- Easy access with Quick Access
- Designed for modular suspended ceilings
- Can be used in combination with the ALS commissioning box
- Connection sizes: Ø125-400 mm

**KITE C**

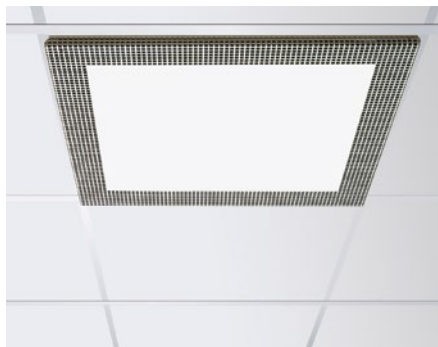
Square ceiling diffuser for supply and extract air.

**q 20–174 l/s, 72–626 m³/h**

- Flush design
- Fast and easy installation with Easy Access
- Designed for modular suspended ceilings
- Feasible low installation height
- Can be used in combination with the ALS commissioning box
- Connection sizes: Ø125-315 mm

**PELICAN CS**

Square perforated ceiling air diffuser for supply air.

**q 15–225 l/s, 60–820 m³/h**

- Adjustable air distribution pattern
- Easy access with Quick Access
- Feasible low installation height
- Large throttling range
- Can be used in combination with the ALS commissioning box
- Connection sizes: Ø125-400 mm

**VIREO C**

Square ceiling air diffuser for supply air.

**q 100–250 l/s, 360–900 m³/h**

- Easy access with Quick Access
- Designed for “flush” ceiling mounting
- Rotational air discharge pattern
- Designed for modular suspended ceilings
- Can be used in combination with the ALX commissioning box
- Connection size Ø400 mm

## Ceiling diffusers

### DOMO

Square ceiling/wall diffuser for supply air in rooms with low air flows.



**q 5–25 l/s, 20–80 m³/h**

- Modern design
- Measurement and commissioning functions
- The same design for ceiling or wall mounting
- Environmentally conscious material selection
- Connection size: Ø100

### SRV

Rectangular supply air diffuser for ceiling-mounting.



**q 10–190 l/s, 35–685 m³/h**

- 100% flexible diffusion pattern
- Possibility to mount together into long lengths
- Measurement and regulation functions
- Removable damper
- Connection sizes: Ø125–200 mm

### SWAN/SWAN WTW

Rectangular linear air diffuser for supply and extract air.



**q 40–150 l/s, 145–540 m³/h**

- Modular length 1200 mm with two, three or four slots
- Horizontal/vertical air distribution
- WTW-version makes long lengths possible, so-called wall-to-wall mounting
- Telescopic function
- Can be used in combination with the ALS commissioning box
- Removable damper
- Connection sizes Ø160–250 mm

## Ceiling diffusers, accessories

### ADAPTER

For the adaptation to most commonly used modular suspended ceilings.



- To achieve a uniform appearance in the premises
- Fits a wide range of different ceiling systems: Ecophon, Dampa, Lay-in



## Ceiling diffusers, exposed

### COLIBRI F

Circular ceiling air diffuser for supply or extract air.



- q 10–260 l/s, 40–940 m<sup>3</sup>/h**
- 100% flexibel diffusion pattern
  - Swirl function as a standard
  - Removable damper
  - Easy to dismantle diffuser front plate
  - Can be used as an extract air diffuser
  - Spring-loaded Quick Access front plate
  - Connection sizes: Ø100-400 mm

### EAGLE F

Circular ceiling air diffuser for supply or extract air.



- q 10–350 l/s, 40–1260 m<sup>3</sup>/h**
- 100% flexibel diffusion pattern
  - Swirl function as a standard
  - Removable damper
  - Easy to dismantle diffuser front plate
  - Can be used as an extract air diffuser
  - Spring-loaded Quick Access front plate
  - Connection sizes: Ø100-400 mm

### EAGLE S

Circular ceiling diffuser with nozzles for supply air.



- q 20–300 l/s, 70–1080 m<sup>3</sup>/h**
- 100% flexible diffusion pattern
  - Swirl function as a standard
  - Can be used in combination with the ALS commissioning box
  - Connection sizes: Ø100-400 mm

### KITE F

Circular ceiling diffuser for suspended mounting.



- q 20–260 l/s, 70–940 m<sup>3</sup>/h**
- Low installation height
  - Fixed lateral slot
  - Removable damper
  - Can be used as an extract air diffuser
  - Spring-loaded Quick Access front plate
  - Connection sizes: Ø125-315 mm

### LOCKZONE F

Circular ceiling diffuser for supply air in rooms without suspended ceiling.



- q 30–230 l/s, 115–830 m<sup>3</sup>/h**
- Guide vane perforations, LockZone
  - Variant for flow-through installation.
  - Short throw.
  - Removable damper.
  - Connection sizes: Ø125-315 mm

### EXP F

Circular extract air diffuser for suspended mounting.



- q 10–425 l/s, 36–1530 m<sup>3</sup>/h**
- Extract air diffuser
  - Fast and simple installation and commissioning
  - Spring-loaded Quick Access front plate
  - Removable damper.
  - Can easily be converted to a supply air diffuser. Perforated front is replaced with a nozzle front.
  - Can be supplied in a painted galvanized design
  - Connection sizes: Ø100-400 mm

### FALCON C

Adjustable, circular ceiling diffusers for supply air.



- q 20–625 l/s, 70–2250 m<sup>3</sup>/h**
- Used for heating and cooling.
  - Manual resetting of diffusion for size 125-500.
  - Motorized resetting of diffusion for size 315-500.
  - Can be used in combination with the ALS commissioning box.
  - Connection sizes: Ø125-500 mm.

### FALCON HF

Circular ceiling air diffuser for supply air.



- q 300–1500 l/s, 1080–5400 m<sup>3</sup>/h**
- Used for cooling (horizontal spread) and heating (vertical spread).
  - Manual resetting of diffusion as standard, motorized as accessory.
  - Same total pressure drop for horizontal and vertical diffusion.
  - Connections sizes: Ø315-500 mm.

# Extract air terminals

## PELICAN CE

Square perforated ceiling air diffuser for extract air.



- q 15–450 l/s, 50–1600 m³/h**
- Large throttling range
  - Designed for modular suspended ceilings
  - Can be used in combination with the ALS commissioning box
  - Connection sizes: Ø125-400 mm

## PELICAN CE HF

Square perforated ceiling air diffuser for extract air.



- q 18–700 l/s, 65–2500 m³/h**
- Easy access with Quick Access
  - Manages large extract airflows
  - Designed for “flush” ceiling mounting
  - Designed for modular suspended ceilings
  - Can be combined with ALS commissioning box
  - Alternatively for centralized extract air with separate silencer and damper
  - Connection sizes: Ø160-400 mm

## EXP

Square perforated suspended ceiling panel for extract air.



- q 250-950 l/s, 900–3420 m³/h**
- Manages large extract airflows
  - Used to pressurise the suspended ceiling
  - Designed for modular suspended ceilings
  - Without duct connection
  - One size, 600x600 mm three perforated alternatives

## ALG

Rectangular wall/ceiling diffuser for supply, extract and transfer air.



- q 20–300 l/s, 70–1100 m³/h**
- 50% free area
  - Fixed diffusion pattern
  - Installed using an FHA or FHB mounting frame or TRG commissioning box
  - Standard sizes: 200x100 – 600x200 mm

## EXC

Extract air valve.



- q 10–80 l/s, 30–285 m³/h**
- Large throttling range
  - High natural attenuation
  - Lockable adjustment
  - Bayonet fixing
  - Connection sizes: Ø100-200 mm

## EXF

Extract air valve.



- q 5–115 l/s, 18–415 m³/h**
- Large throttling range
  - High natural attenuation
  - Lockable adjustment
  - Simple installation with spring mounting
  - Connection sizes: Ø100-160 mm

## GRC

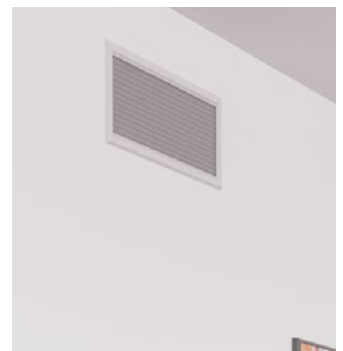
Circular wall/ceiling grill for extract and transfer air.



- q 60–1100 l/s, 215–3960 m³/h**
- 90% free area
  - Manages large airflows
  - Spigot connection
  - Connection sizes: Ø160–630 mm

## GRL

Rectangular wall/ceiling grilles for extract and transfer air.



- q 25–510 l/s, 90–1890 m³/h**
- 90% free area
  - Manages large airflows
  - Installed using an FHA or FHB mounting frame or TRG commissioning box
  - Standard sizes: 200x100 – 600x200 mm



# Wall air diffusers

## COLIBRI W

Wall air diffuser with nozzles for supply air.



**q 10–100 l/s, 45–360 m³/h**

- 100% flexible diffusion pattern
- 1-way standard
- Adjustable slot for increased capacity
- Measurement and control function
- Placement in the room inside corner possible
- Can be used in combination with the ALV commissioning box
- Standard sizes: 300x150 – 550x300 mm

## EAGLE W

Wall air diffuser with nozzles for supply air.



**q 15–135 l/s, 60–490 m³/h**

- 100% flexible diffusion pattern
- 1-way standard
- Adjustable slot for increased capacity
- Measurement and control function
- Placement in the room inside corner possible
- Can be used in combination with the ALV commissioning box
- Standard sizes: 300x150 – 550x300 mm

## LOCKZONE W

Rectangular perforated wall air diffuser for supply air.



**q 15–160 l/s, 60–580 m³/h**

- LockZone guide vane perforations
- Measurement and control function
- Can be used in combination with the ALV commissioning box
- Standard sizes: 300x150 – 550x300 mm

## PELICAN W

Rectangular wall air diffuser with perforated front plate for supply air.



**q 15–130 l/s, 60–470 m³/h**

- Flexible air distribution pattern, easy to set
- Simple commissioning, fixed measurement tapping
- Used with ALV commissioning box
- Standard sizes: 300x150 – 550x300 mm

## IBIS W

Duct air diffuser with nozzles for supply air. Mounted where wall meets ceiling.



**q 80–160 l/s, 280–580 m³/h**

- 100 % flexible diffusion pattern
- Simple to install where the wall meets the ceiling
- Modular length 1500 mm
- Optional connection, rear/side
- Active length, max. 4500 mm
- Connection size: Ø200 mm

## DOMO

Square ceiling/wall diffuser for supply air in rooms with low air flows.



**q 5–25 l/s, 20–80 m³/h**

- Modern design
- Measurement and commissioning functions
- The same design for ceiling or wall mounting
- Environmentally conscious material selection
- Connection size: Ø100

## SDW

Bow-shaped wall diffuser for supply air in rooms with low air flows.



**q 9–48 l/s, 32–173 m³/h**

- Simple supply air diffuser for wall mounting
- Provision for commissioning and air flow measurement
- Throttling/magnetic strips on the inside of the front plate
- Connection size: Ø80-125 mm

## Grille air diffusers

### ALG

Rectangular wall/ceiling diffuser for supply, extract and transfer air.



**q 20–375 l/s, 65–1350 m³/h**

- 50% free area
- Fixed diffusion pattern
- Installed using an FHA or FHB mounting frame or TRG commissioning box
- Available in a special version for hospitals
- Standard sizes: 200x100 – 600x200 mm

### EIV

Circular wall grille for supply air.



**q 15–75 l/s, 50–270 m³/h**

- Adjustable air deflectors
- Easy to install
- Can be used in combination with the ALS commissioning box
- Connection sizes: Ø100-160 mm

### GTH

Rectangular wall grille for supply air.

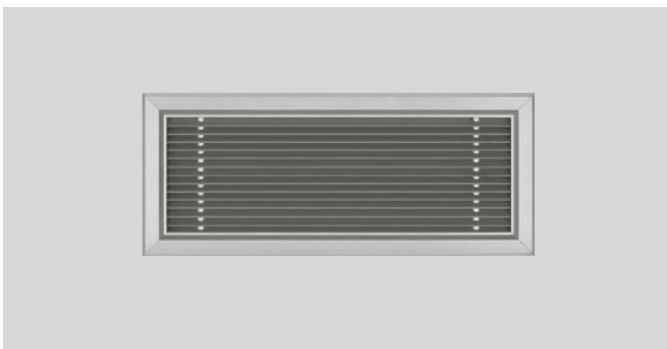


**q 30–350 l/s, 100–1260 m³/h**

- 70% free area
- Adjustable deflectors
- Installed using an FHA or FHB mounting frame or TRG commissioning box
- Standard sizes: 200x100 – 600x200 mm

### LTA

Light trapping wall grille for transfer air.



**q 15–200 l/s, 50–720 m³/h**

- Stops light penetration
- Two grilles painted black in series are sufficient for dark room walls
- Telescopic flanged frame
- Standard sizes: 200x100 – 800x200 mm

### MFA/UFA/UFK

Universal grille for mounting in floors, walls and window sills.



- Can be used for both supply and extract air
- Extremely versatile, can be customized for every need
- Can be supplied in unlimited lengths
- Made of anodised aluminium



## Duct air diffusers

### IBIS

Duct air diffuser with nozzles for supply air.

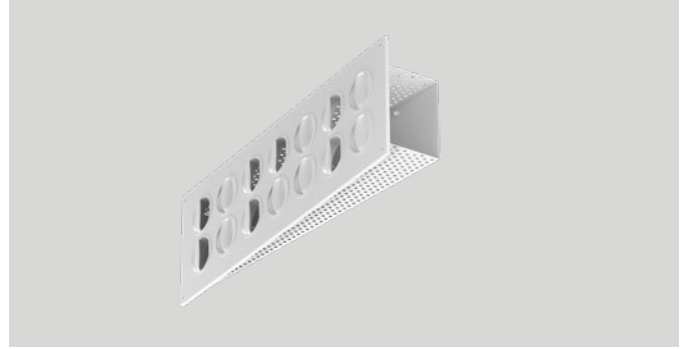


**q 30–900 l/s, 105–3240 m³/h**

- 100% flexible diffusion pattern
- Suspended installation
- 1500 mm long module
- Connection sizes: Ø160–630 mm
- Maximum active length: 4500 mm

### KDY

Duct air diffuser for mounting directly in ventilation ducts.



**q 20–140 l/s, 65–505 m³/h**

- 100% flexible diffusion patterns
- Easy to install
- Is available both for circular and rectangular ducts
- Is specially designed for rebuilding and extension repair

## Displacement unit with Booster function

### BOC Varizon®

Displacement unit with heating function.



**q 160–1600 l/s, 580–5760 m³/h**

- Varizon® air diffusion system
- For rooms heated and cooled by air
- Electric actuator or manual setting
- For rooms with high ceiling heights
- Requires no floor surface
- Connection sizes: Ø200–630 mm

# Displacement units

## DBC Varizon®

Displacement unit with adjustable diffusion pattern.



**q 75–880 l/s, 270–3170 m³/h**

- Adjustable diffusion pattern and near zone
- Well-suited for all types of rooms where high demands are placed on design and finish
- Measurement tapping
- Connection sizes: Ø200–400 mm,  $\Phi$ 200x600–300x600 mm

## DCP Varizon®

Displacement unit with adjustable diffusion pattern.



**q 60–1200 l/s, 210–4320 m³/h**

- Adjustable diffusion pattern and near zone
- Well-suited for all types of rooms
- Measurement tapping
- Connection sizes: Ø125–630 mm

## DHC Varizon®

Displacement unit with adjustable diffusion pattern.



**q 25–1750 l/s, 90–6300 m³/h**

- Adjustable diffusion pattern and near zone
- Well-suited for all types of rooms
- Measurement tapping
- Connection sizes: Ø125–800 mm

## DIR Varizon®

Displacement unit with adjustable diffusion pattern.



**q 30–150 l/s, 105–535 m³/h**

- Adjustable diffusion pattern and near zone
- For flush mounting in walls
- Well-suited for all types of rooms
- Measurement tapping
- Connection sizes: Ø100–200 mm

## DRI Varizon®

Displacement unit with adjustable diffusion pattern.



**q 70–1150 l/s, 255–4140 m³/h**

- Adjustable diffusion pattern and near zone
- For flush mounting in walls
- Well-suited for all types of room
- Measurement tapping
- Connection sizes: Ø200–400 mm,  $\Phi$ 250x800 mm

## DVC Varizon®

Displacement unit with adjustable diffusion pattern.



**q 25–580 l/s, 90–2090 m³/h**

- Adjustable diffusion pattern and near zone
- Well-suited for all types of rooms
- Measurement tapping
- Connection sizes: Ø125–400 mm

# Clean room air diffusers

## CONDOR Varizon®

Supply air ceilings with nozzles for large airflows.



- q 125–690 l/s, 450–2490 m³/h**
- 100% flexible diffusion pattern
  - 600 x 600 mm nozzle diffuser modules
  - Varizon® air distribution system

## CDH/CLH

Ceiling air diffuser with Hepa-filter for clean rooms.



- q H14 class, max 200 l/s, 720 m³/h**
- Rectangular or circular duct connection
  - Equipped with Hepa-filter with gel or rubber seal
  - Painted interior
  - Measurement tappings for dip test and pressure measurement across the filter
  - Perforated or nozzle diffuser face
  - Four sizes

## OPL

Supply air ramps with Hepa-filter for operating theatres.



- q 650 l/s, 2340 m³/h**
- H14 class
  - Airflow specially adapted for operating theatres
  - Pressure outlet for filter guard
  - Can be opened
  - Cleanable
  - Hepa-filter with rubber seal

# Transfer units

## CIRCO

Sound attenuating transfer units.



- q < 55 l/s, 200 m³/h**
- For transferring air through walls
  - Circular installation opening
  - Mounting frame integrated in the transfer diffuser
  - Suitable for use in rooms with normal sound-attenuating requirements

## ORTO

Sound attenuating transfer units.



- q < 115 l/s, 415 m³/h**
- For transferring air through walls
  - Rectangular installation opening
  - Suited for installation above doors
  - Suitable for use in rooms with normal sound-attenuating requirements

## SOTTO

Sound attenuating transfer units.



- q < 40 l/s, 145 m³/h**
- For transferring air through walls
  - Circular installation opening
  - Suitable for walls with high sound-attenuating requirements

## CTK/CTM

Sound attenuating transfer units for large airflows.



- q CTK ≤ 220 l/s, 795 m³/h  
CTM ≤ 200 l/s, 720 m³/h**
- For transferring air through walls/ceiling
  - Conforms to crosstalk requirements through walls
  - Type-approved sound attenuating material.



## Floor air diffusers

### LOCKZONE B

Vortex air diffuser for raised floors.



**q 10–60 l/s, 45–115 m³/h**

- Robust sheet steel design
- Can be used in combination with ALS commissioning box with damper function or dirt trap LOCKZONE T
- Connection sizes: Ø100–200 mm

### DCC

Circular displacement unit for small airflows.



**q 15–25 l/s, 60–85 m³/h**

- The diffusers are mounted under chairs in the vertical step or in the horizontal plane of the floor
- Fixed radial diffusion pattern
- Pressure raising insert

### DPG

Circular displacement unit for small airflows.



**q 10–35 l/s, 30–125 m³**

- The diffusers are mounted under chairs in the vertical step
- Fixed diffusion pattern
- Pressure raising insert
- Maintenance free
- Suitable also as traditional wall diffuser near ceiling

### DRG

Rectangular displacement unit for small airflows.



**q 15–20 l/s, 50–70 m³/h**

- The diffusers are mounted under chairs in the vertical step
- Adjustable diffusion pattern and near zone

## Reinforced air diffusers

### ROC

Circular supply and extract air diffuser.

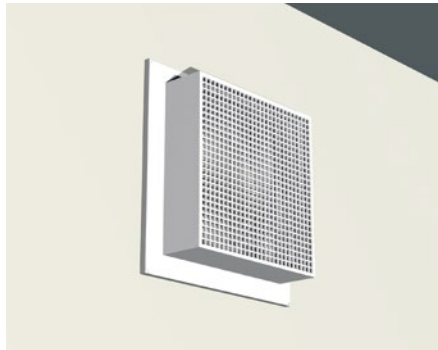


**q 20–45 l/s, 65–165 m<sup>3</sup>/h**

- Robust design
- Easy to install in walls or ceiling
- Guide vane perforations
- Can be used in combination with the ALS commissioning box
- Two connection sizes: Ø125 and Ø160 mm

### ROE

Square wall air diffuser for extract air.



**q 20–45 l/s, 65–165 m<sup>3</sup>/h**

- Robust design
- Easy to install
- Large throttling range
- High natural attenuation
- Lockable adjustment
- Connection sizes: Ø100-200 mm

### ROT

Rectangular sound attenuating transfer air diffuser.



**q ≤ 80 l/s, ≤ 295 m<sup>3</sup>**

- Robust design
- Easy to install
- For transferring air through walls
- Rectangular installation opening

## Jet diffusers

### ROW

Rectangular wall air diffuser.



**q 25–90 l/s, 85–310 m<sup>3</sup>/h**

- Easy to install
- Fixed radial diffusion pattern
- Pressure raising insert
- Available in a large number of special versions for optimal adaptation to rooms
- Two connection sizes: Ø125 and Ø160 mm

### CKD

Adjustable, circular, ceiling/wall, so-called jet diffuser for supply air.



**q 60–450 l/s, 210–1620 m<sup>3</sup>/h**

- Cone unit adjustable through 360°, for diffused or concentrated diffusion pattern.
- Manual or motorised adjustment of the diffusion pattern.
- Suitable for supplying air warmer than room temperature.
- Can be used in combination with the ALS commissioning box.
- Connection sizes: Ø200-500 mm.

Feel good **inside**

