

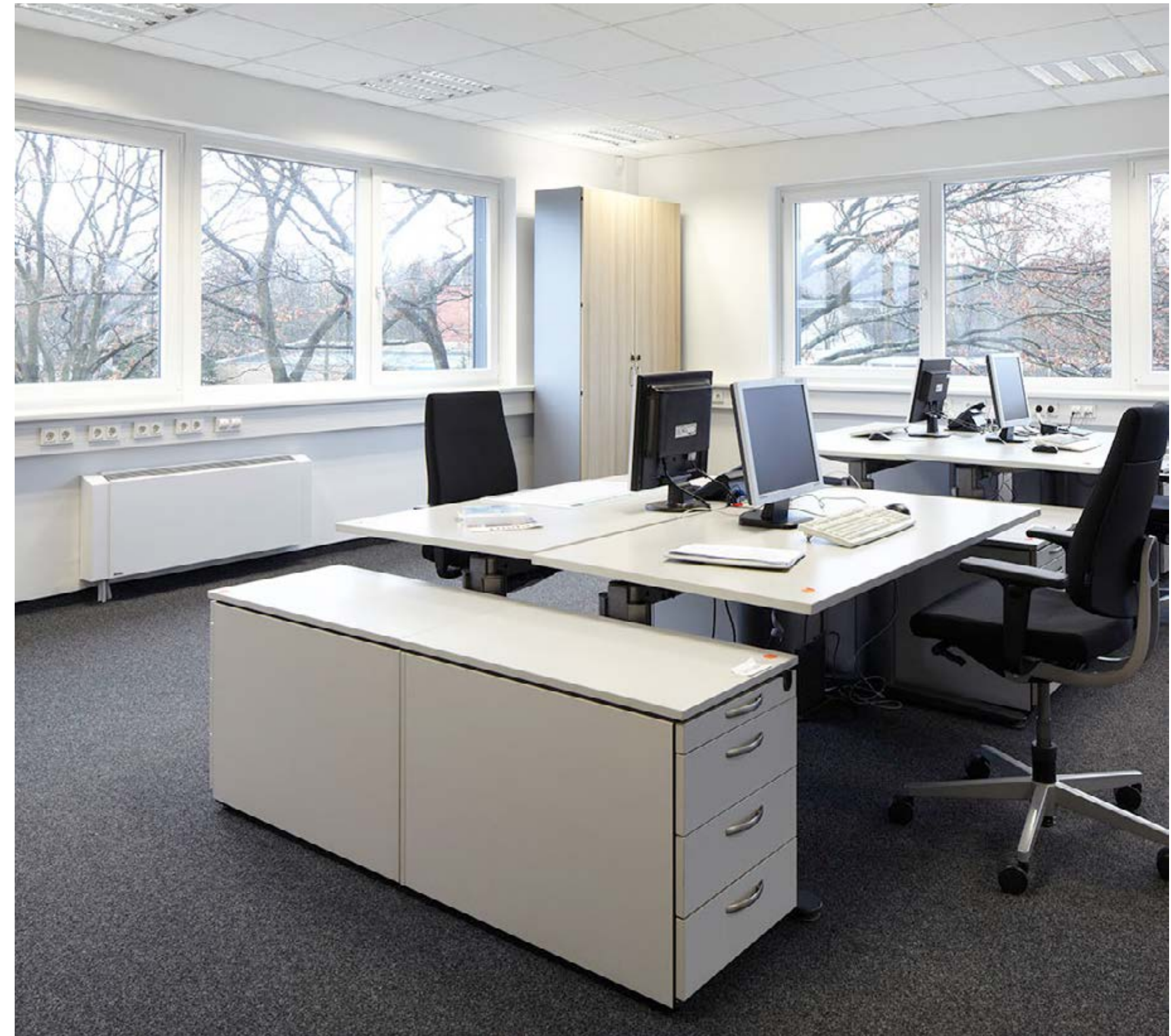
System solutions

# Commercial buildings



# Your strong partner!

Commercial buildings are subject to special requirements in terms of sound levels, air volumes or the arrangement of unit components. Units not only have to work properly, they also have to look good and deliver a healthy indoor climate. Take advantage of our individual solutions and our decades of experience.



# Open-plan versus single offices

The requirements relating to the HVAC design of commercial buildings vary depending on the size of the space and the number of staff. You will find the perfect system for every space with our flexible equipment.



# Off when no one is there

KaControl enables you to have pleasant energy-saving temperatures within defined time periods. These centrally set periods can be individually modified. That way the operation of your system responds to actual demand.



# Change of tenant? Not a problem!

Tenants and requirements change from time to time in commercial buildings. Our HVAC systems adapt flexibly too the building design and different types of use and are therefore perfect for this kind of building.



# Your one-stop service:

Don't waste time coordinating different trades. Kampmann is your qualified partner for all cross-trade systems. We will coordinate every solution precisely to your requirements.



Advantages



Details



Contact

**KAMPMANN**  
Genau mein Klima.

# Space-saving

The available space has to be utilised as efficiently as possible when designing commercial buildings. Our HVAC systems can be flexibly adapted to the design of the building and do not take up unnecessary space.



- ① Venkon
- ② KaCool D
- ③ Airblock KG
- ④ KaDeck
- ⑤ PowerKon + F
- ⑥ Door air curtains
- ⑦ Katherm trench systems
- ⑧ Entrance mats
- ⑨ KaClima
- ⑩ Kavent BA



### Applications

- Offices
- Meeting and conference rooms
- Entrance foyers

### Functions

- Heating
- Cooling
- Ventilation





# Perfect reception areas

## Door air curtains

- ▶ for controlled screening of open doorways, for example with Tandem door air curtains or UniLine Cassette door air curtains
- ▶ Tandem technology for up to 38 % energy savings
- ▶ pays for itself in under a year, unlike conventional door air curtains
- ▶ heating with water or refrigerant
- ▶ up to a height of 4.0 metres
- ▶ comprehensive range to meet different requirements



Advantages



Details



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### Applications

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### Functions



Heating



Cooling



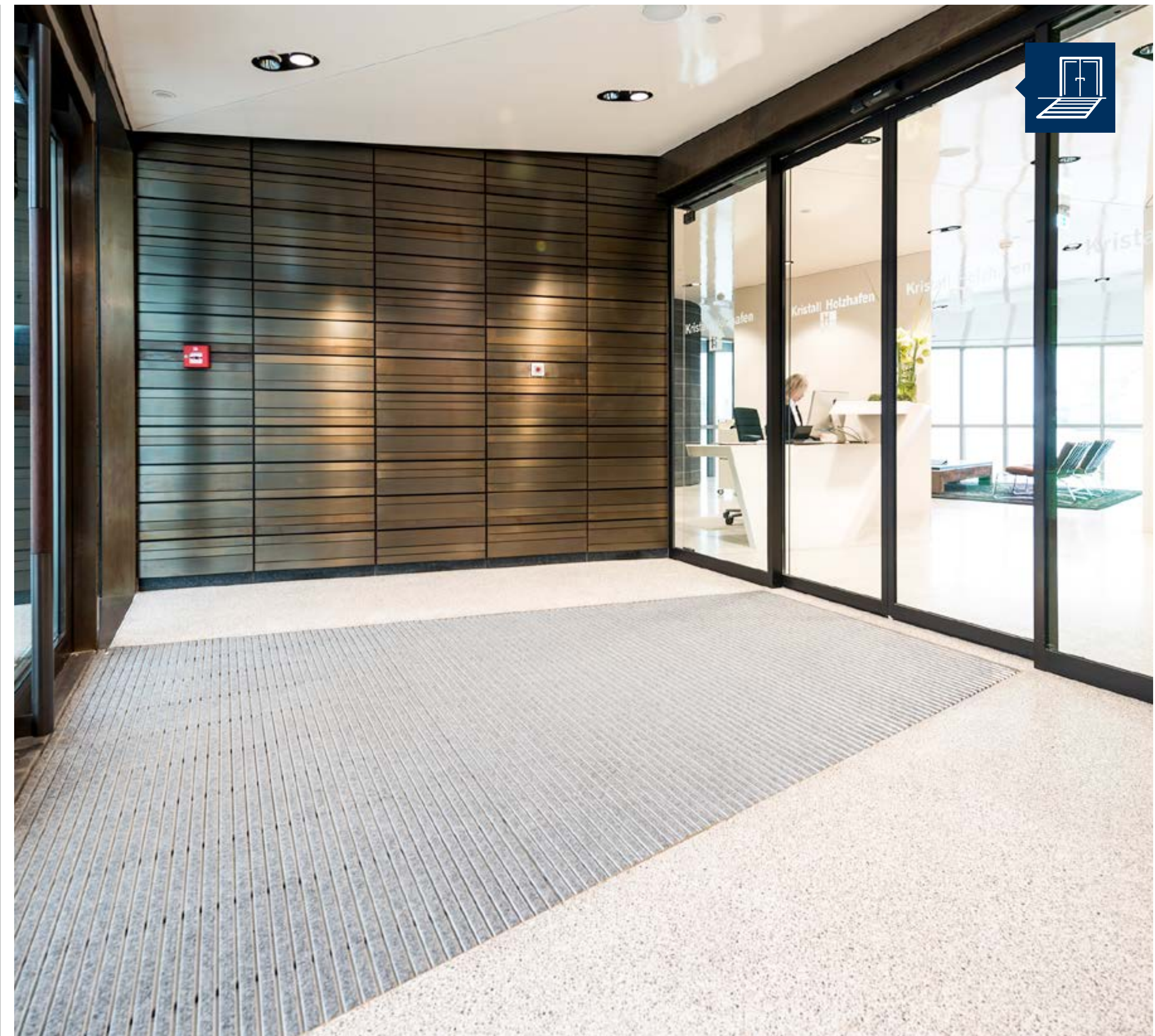
Ventilation

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# Perfect reception areas

## Entrance matting

Inside or outside: our high-quality entrance matting makes entrance areas appear prestigious, spacious and welcoming.



Advantages



Details



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Heating



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Ventilation

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# Pleasant indoor climate

## with Katherm trench heaters

for total heating, supplementary heating and/or for effective cold air screening under large expanses of glazing

- ▶ Katherm NK natural convection
- ▶ Katherm HK heating + cooling
- ▶ Katherm QK cross-flow convection with EC technology



Advantages



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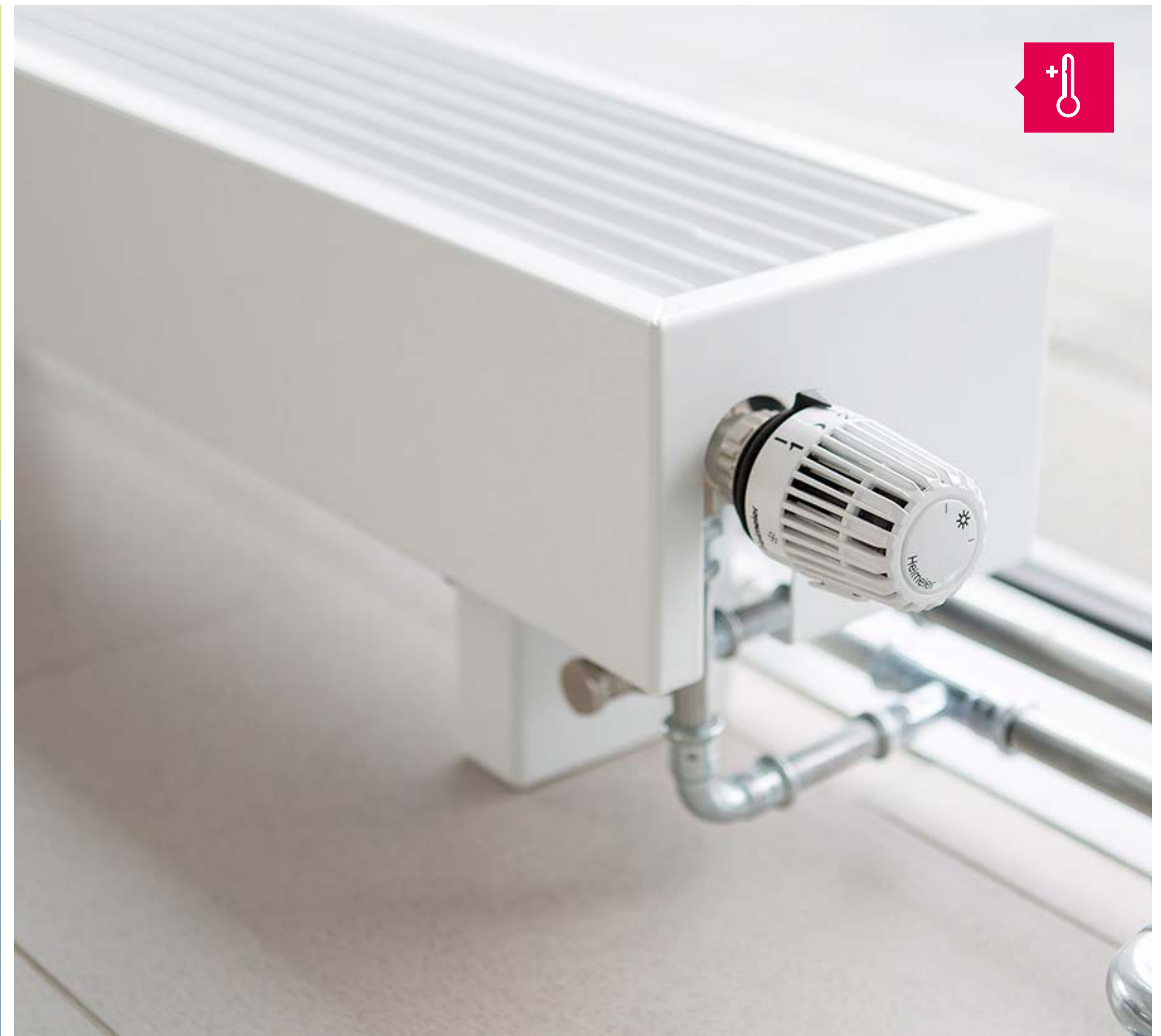
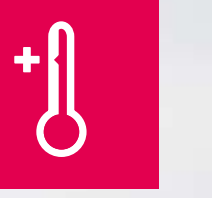
Ventilation

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# Pleasant indoor climate

with the design-based and cost-effective  
PowerKon + F version

for use with encased PowerKon heat exchangers



Advantages



Details



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# Ultra economical

## Centralised supply fresh air ...

- ▶ controlled ventilation with the Airblock KG air handling unit
- ▶ air volumes of up to 13,800 m<sup>3</sup>/h (large amounts of air on request)
- ▶ up to 90 % heat recovery
  
- ▶ targeted supply of conditioned air (displacement air) from the Katherm QL
- ▶ low-turbulence room ventilation system at a low discharge speed



Advantages



Details



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Ventilation

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# Ultra economical

... with decentralised fresh air supply

- ▶ the decentralised façade ventilation system Kavent BA for heating, cooling and ventilation
- ▶ fresh air enters via the shortest route through the façade
- ▶ modular design for seamless progress on site
- ▶ EC radial fan for fresh air operation with constant volumetric flow control
- ▶ additional cross-flow fan for secondary air mode



Advantages



Details



Contact

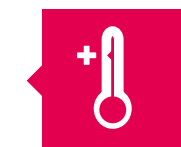
## Applications

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# Pleasant temperatures using water

## with the KaClima chiller

- ▶ if required, heat pump operation combined with cooling units, like the fan coils Venkon, KaCool D or KaCool W in commercial buildings
- ▶ provide for an optimum interior environment
- ▶ high cooling outputs using water as an environmentally-friendly, flexible and cost-effective medium
- ▶ a wide variety of models for indoor and outdoor installation and/or wall- or ceiling-mounted
- ▶ optionally with free cooling, energy-optimised and cost-saving



Advantages



Details



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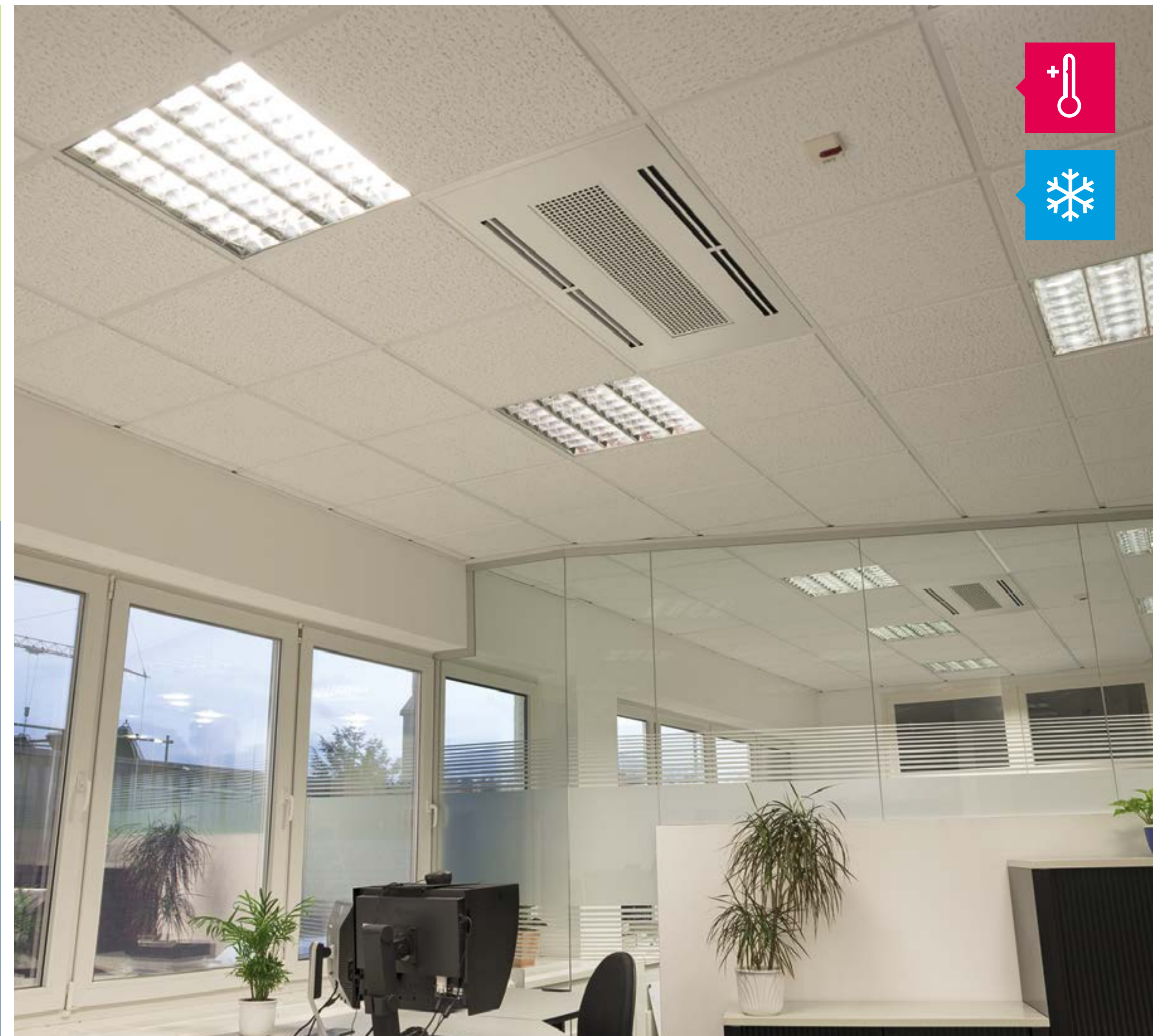
Ventilation

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# Pleasant temperatures using water

## KaDeck – the new flexible air conditioning unit for the ceiling

- ▶ four models; for installation within a suspended ceiling, under the ceiling, in the centre of the room or wall-mounted
- ▶ complies with VDI 6022 hygiene regulations
- ▶ either one-sided or two-sided air outlet
- ▶ whisper-quiet with EC fan
- ▶ cooling and/or heating possible



Advantages



Details



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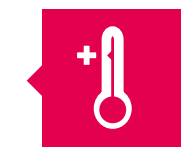
### Applications

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# Everything under control with KaControl



## KaControl universal building automation system

- ▶ Room automation with KaController
- ▶ KaController with intuitive user navigation
- ▶ Room automation interfaces via KNX or Modbus
- ▶ Higher-level zone control with SEL panel
- ▶ BMS gateways via BACnet to LON



Advantages



Details



Contact

# Benefits for you!

Find your contact person here:

[Kampmann.co.uk/contact](https://www.kampmann.co.uk/contact)

[Kampmann.co.uk/commercial-buildings](https://www.kampmann.co.uk/commercial-buildings)



Experts with their experience team are available to you in our Key Account section. They will assist you in all aspects of your design. And our field sales team is always local to you!

With Kampmann you can rely on the service benefits that come with a family run business: for over 40 years.



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Best solutions. Best support.



[Kampmann.co.uk](http://Kampmann.co.uk)

### Kampmann GmbH

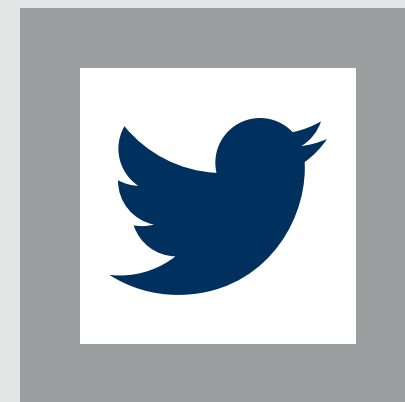
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