

System solutions

Sports halls



A competitive climate

It's not just the fans who create the right atmosphere. It also requires pleasant heat without disturbing air movements. You need Kampmann systems for this.



Your playmaker

Don't waste your time coordinating between various trades. Kampmann is your partner for complete systems. Benefit from our special solutions and decades of experience.



Advantages



Details



Contact

KAMPMANN
Genau mein Klima.

A strong team

Assured: we will be right at your side every step of the way from planning through to our aftersales service.



Your sustainability coach

Sustainability is good. Certification is better. As a GreenBuilding endorser, the value of your property matters to us. Talk to us about your individual, energy-optimised building concept!



Winners in terms of saving energy

Your customers will invest in multiple energy-savers with impressive performance data with our solutions for sports halls.



A net-working sports hall

The air conditioning technology can be conveniently controlled with intelligent control systems integrated in a BMS system.



Galaxis radiant ceiling panels

- ▶ for thermal comfort and high energy savings
- ▶ no draughts, no dust being blown up:
for long-lasting performance
- ▶ maintenance-free and easy to install
- ▶ especially short response times for rapid heat-up
and cool down
- ▶ free choice of heat generator (heat pump, CHP,
district heating, etc.)
- ▶ heat outputs tested in accordance with DIN EN 14037,
Keymark certified, monitored by DIN CERTCO
- ▶ optional: recesses for lights, and a ball guard,
tested for impact resistance



Applications

- Sports facilities
- Changing rooms
- Fitness rooms and gyms

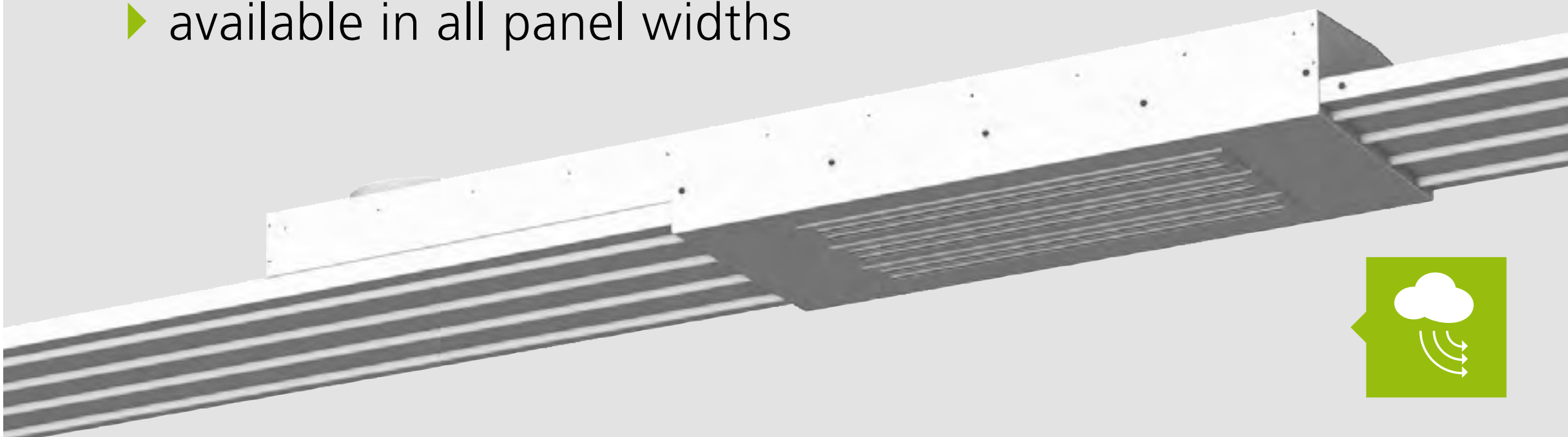
Functions

- Heating
- Cooling
- Ventilation



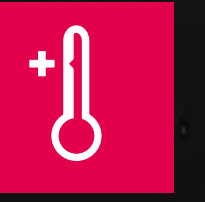
Perforated Galaxis

- ▶ for a reduced sound level and curtailed reverberation period
- ▶ including trickle protection
- ▶ available in all panel widths



Galaxis Z with supply air function

- ▶ a combination of radiant heating and a supply of prepared air
- ▶ thermal comfort with a supply of fresh air
- ▶ adjustable linear air outlet



Advantages



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Heating



Cooling



Ventilation

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Ventilation unit range

- ▶ ventilation units round off the system;
for combination with radiant ceiling panels
- ▶ centralised ventilation and decentralised temperature regulation with low operating costs – from one single source
- ▶ KaControl building automation for BMS integration
- ▶ energy monitoring via remote access
- ▶ controlled via humidity sensors (shower rooms), CO₂ or temperature sensors



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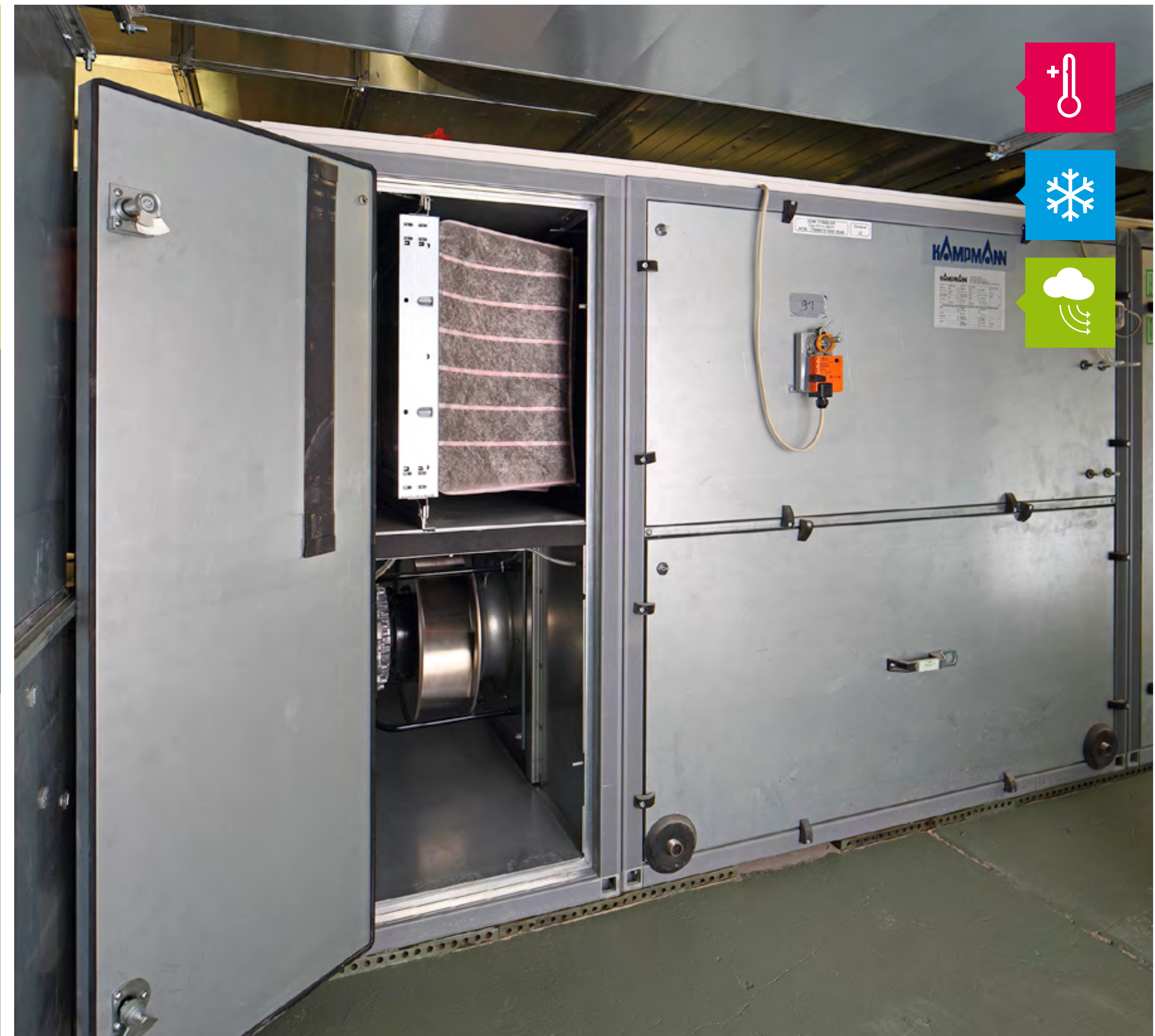


Ventilation

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Airblock KG

- ▶ combined unit with heat recovery on top of each other
- ▶ air volumes of from 1,300 to 13,500 m³/h
- ▶ EnEV-compliant heat recovery as:
 - ▶ rotation heat exchanger (up to 89 % efficient)
 - ▶ diagonal heat exchanger (up to 76 % efficient)
- ▶ for indoor and outdoor installation
- ▶ single and multi-section design
- ▶ DIN EN 18032-compliant recirculating air damper for heat provision in sports halls
- ▶ heat element to raise the supply air temperature for shower rooms to avoid draughts
- ▶ integrated KaControl



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Ventilation

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Airblock FG

- ▶ flat unit
- ▶ low housing height: can be installed in suspended ceilings
- ▶ ideal for the ventilation of rooms without natural ventilation options (e.g. changing rooms)
- ▶ air volumes from approximately 1,000 to 7,000 m³/h in five sizes
- ▶ supply and extract air separate or combined with heat recovery



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Decentralised temperature regulation



Venkon fan coil unit

- ▶ market-leading in terms of quietness
- ▶ fan coil units heat, cool and filter the recirculating air
- ▶ low noise levels thanks to the whisper-quiet design
- ▶ hygiene certified in accordance with VDI 6022
- ▶ maximum energy efficiency with KaControl building automation



PowerKon NT

- ▶ ideal for use in low and very low temperature heating systems
- ▶ high output thanks to intelligent EC fan assistance
- ▶ condensation-free cooling is possible
- ▶ controller types: electromechanical or fully automatic and ready to use with KaControl



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Benefits for you!

Find your contact person here:

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

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.

- ▶ on-site consultation
- ▶ global contacts
- ▶ many years of experience in the design of sports halls
- ▶ units and controllers from a single source
- ▶ tested performance in the Research & Development Centre (FEC)
- ▶ trend-setting systems for maximum sustainability
- ▶ products designed to be future-centric, also ideal for retrofitting
- ▶ Extensive customer service network for site measurements
 - ▶ personal assistance for commissioning
 - ▶ comprehensive After Sales Service



Best solutions. Best support.

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