Radiant Ceiling Panels

Galaxis

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Galaxis radiant ceiling panels:
all-round heat

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Impressive performance data ...

... And in nine panel widths. You want guarantees?
All heat outputs were tested in accordance with
DIN EN 14037 and Keymark-certified by DIN CERTCO.
Invest in a multiple energy saver and in long-lasting quality
with Galaxis.

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Draught-free heat

Galaxis provide pleasant heat. No draughts occur either as the units scarcely generate any air movement. Dust is never whipped up: perfect for the processing of sensitive materials!

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Tailored to individual needs

Galaxis take on any architectural challenge. However, if you wish to configure working areas, Galaxis are versatile until the end of the preliminary construction phase.

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Tailored support

Project-specific plans and designs are our daily business.
You will receive a customised quotation with a design and drawing.
This will give you the necessary planning reliability.

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Easy installation

Galaxis can be installed easily, even in high-ceiling halls. This will save you valuable working time. We will organise the installation for you if you so wish. Once fitted, no maintenance is required.

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Perfect interplay

Your customers will enjoy the best feel-good climate with our system solutions and become successful energy savers. With concepts for the entire hall consisting of Galaxis, air curtains and unit heaters, even in compact ventilation units.

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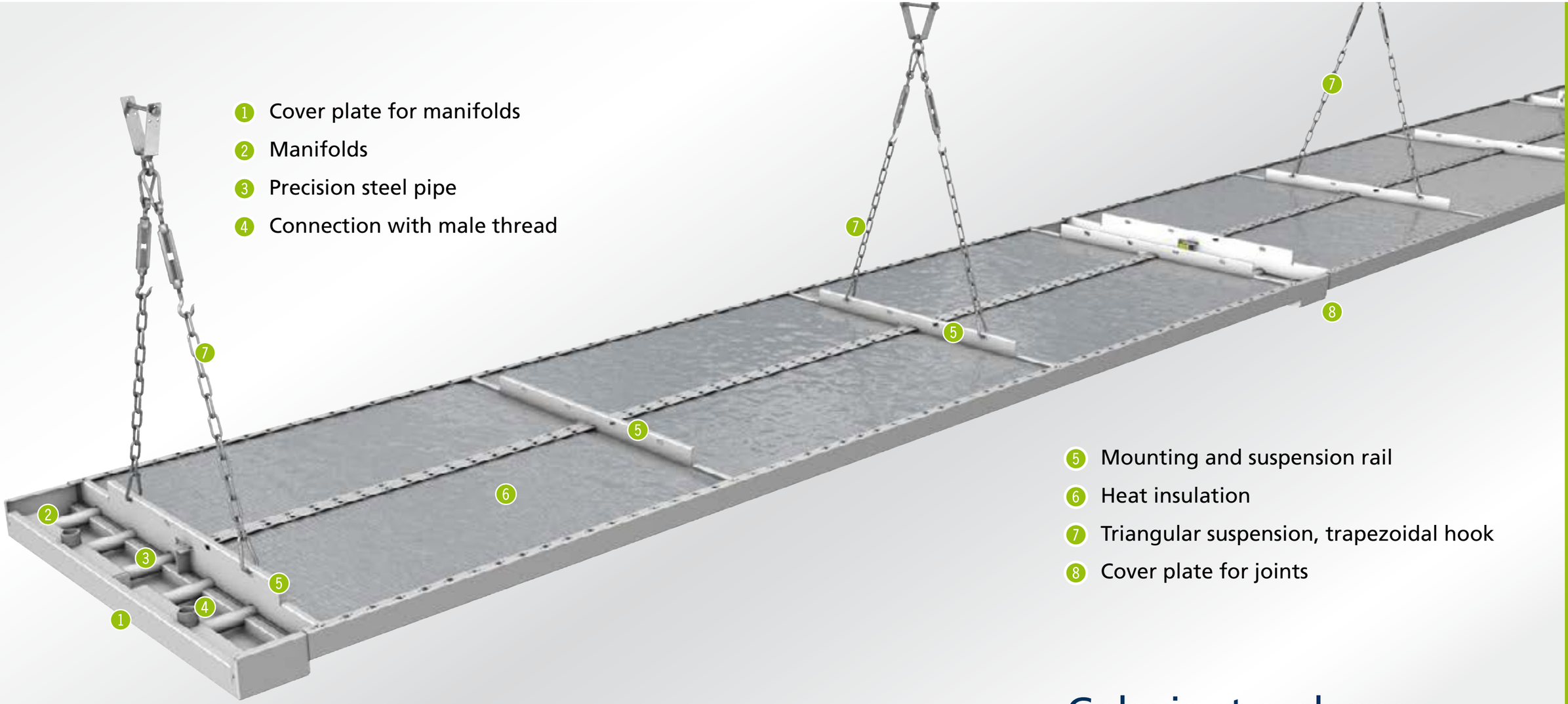

1. Cover plate for manifolds
2. Manifolds
3. Precision steel pipe
4. Connection with male thread
5. Mounting and suspension rail
6. Heat insulation
7. Triangular suspension, trapezoidal hook
8. Cover plate for joints

Galaxis at a glance

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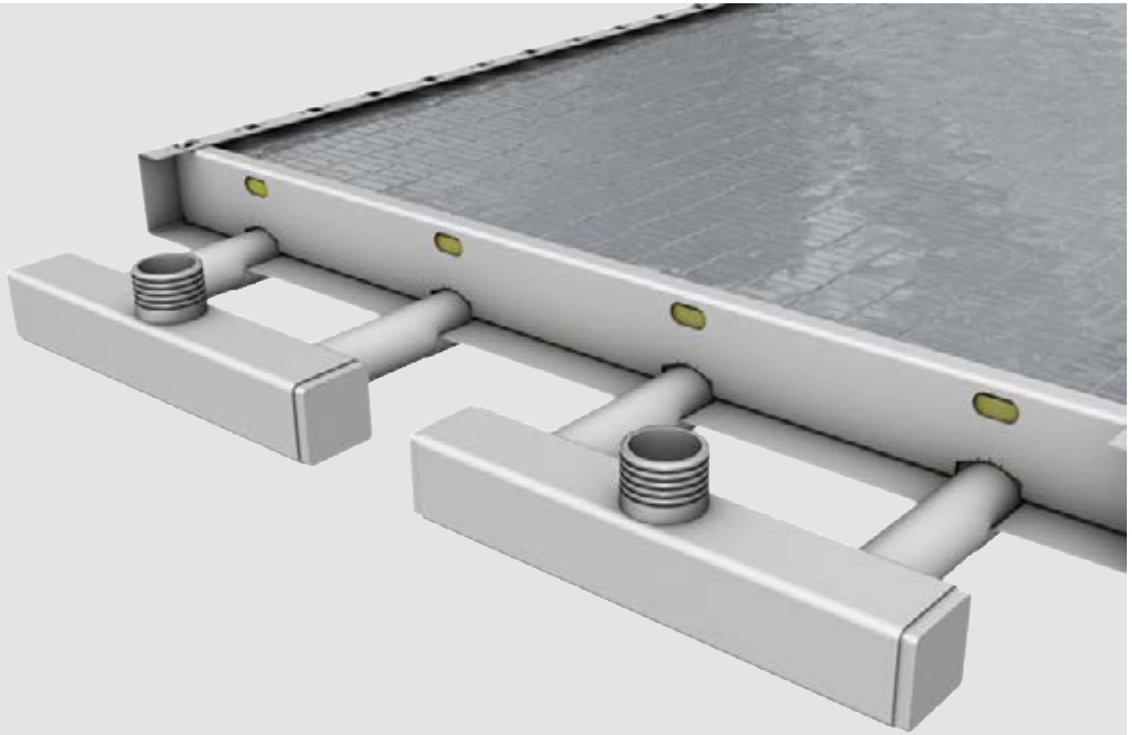
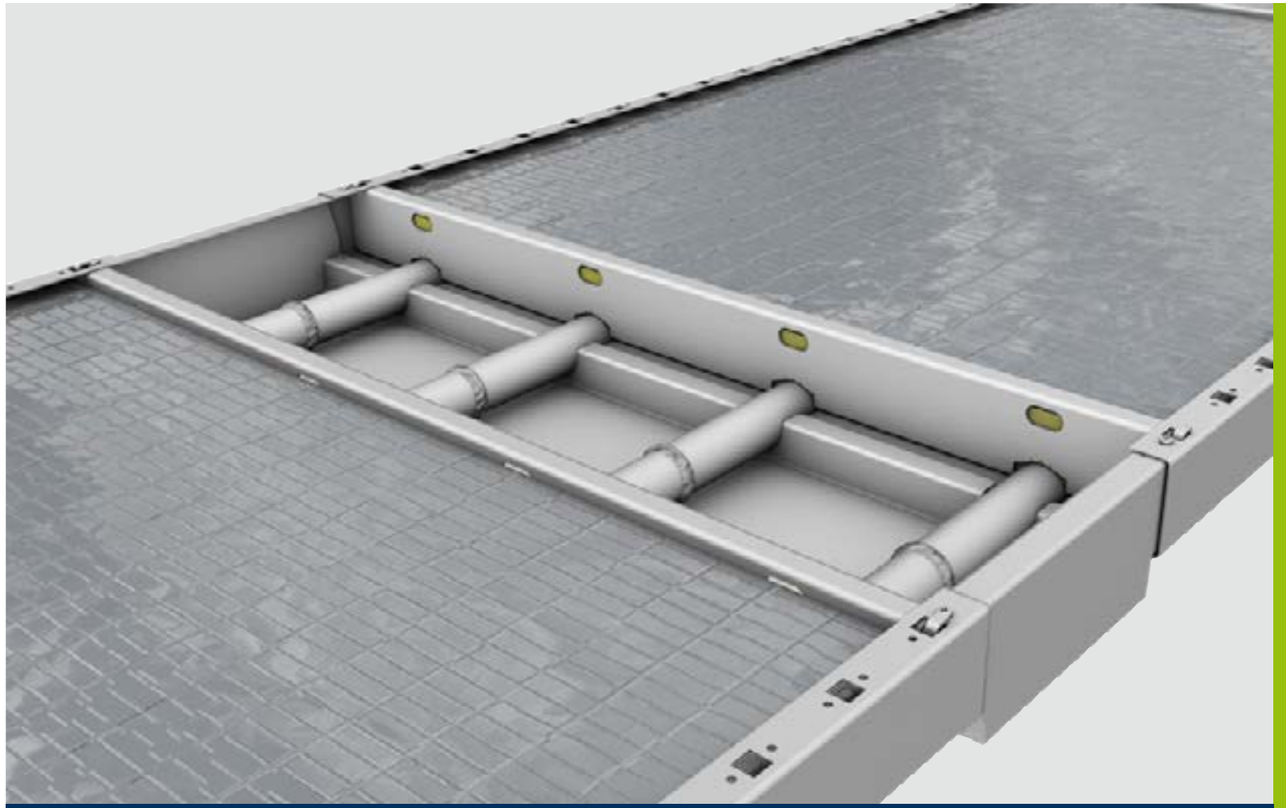


Connection with male thread

- 1”/1 ¼”



Cover plate for joints

- To cover joints with an overlap to accommodate length differences
- Made of 1 mm thick sheet steel, powder coated, RAL 9016
- To be used for models with press-on sleeves and welding

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Press fittings

- For panel pipe connections

Welding of steel pipes

- A water-side connection can be established as an alternative to press fittings by means of welding provided by the customer

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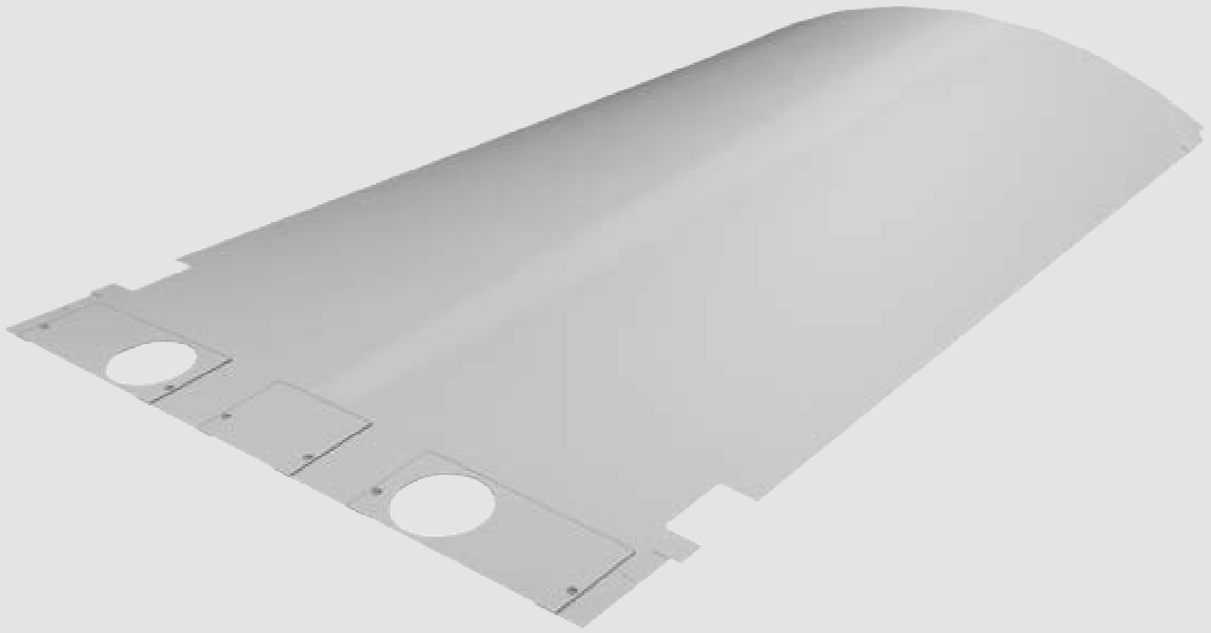

Ball guard

- Top panel cover with a gradient to prevent balls getting stuck (e.g. in sports halls)

Mounting bracket for a versatile installation

- Enable the Galaxis to be suspended in different ways lengthwise
- Drill holes on the mounting bracket and over the entire length of the panel enable the Galaxis to be installed flexibly at 25 mm intervals

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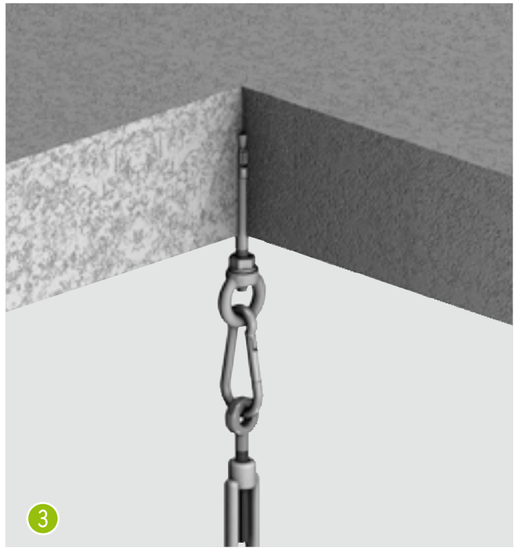

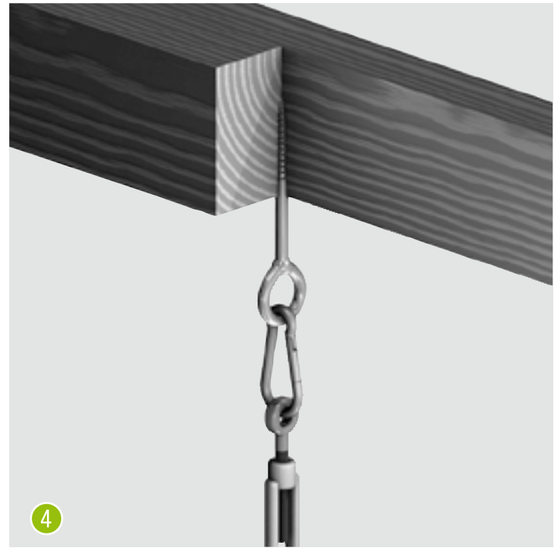

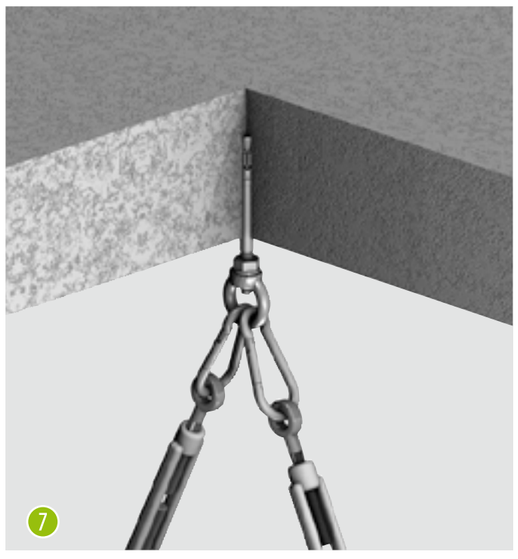

Suspension elements
(examples)

Single-point suspension elements

1. **Trapezoidal hook**
2. Beam clamp
3. Ceiling bracket
4. Wooden eyebolt

Triangular suspension elements

5. Trapezoidal hook
6. Beam clamp
7. Ceiling bracket

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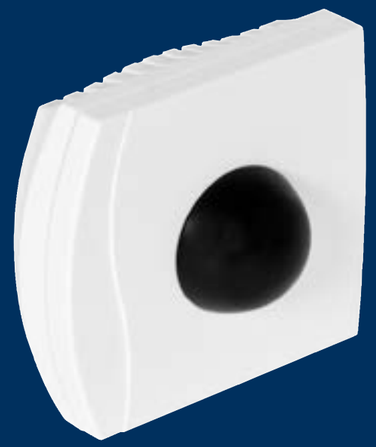
Electronic clock thermostat

- The control valve is activated via the clock thermostat with electronic 2-point room thermostat control and a digital week timer in combination with the radiant temperature sensors.



Room radiant temperature sensor

- The radiant temperature in the room is measured using a radiant temperature sensor. The temperature is recorded in virtually all directions of the room due to its semi-spherical shape.

Regulating valve combination as a flow controller for flow and return

Hydraulic flow control

- For electronic room temperature control with hydraulic compensation for one or several control circuits in combination with radiant sensors.
- The integration of the radiant ceiling panels is regulated via automatic flow control (variable volume).
- This flow regulating valve combination is a complete set for flow and return.

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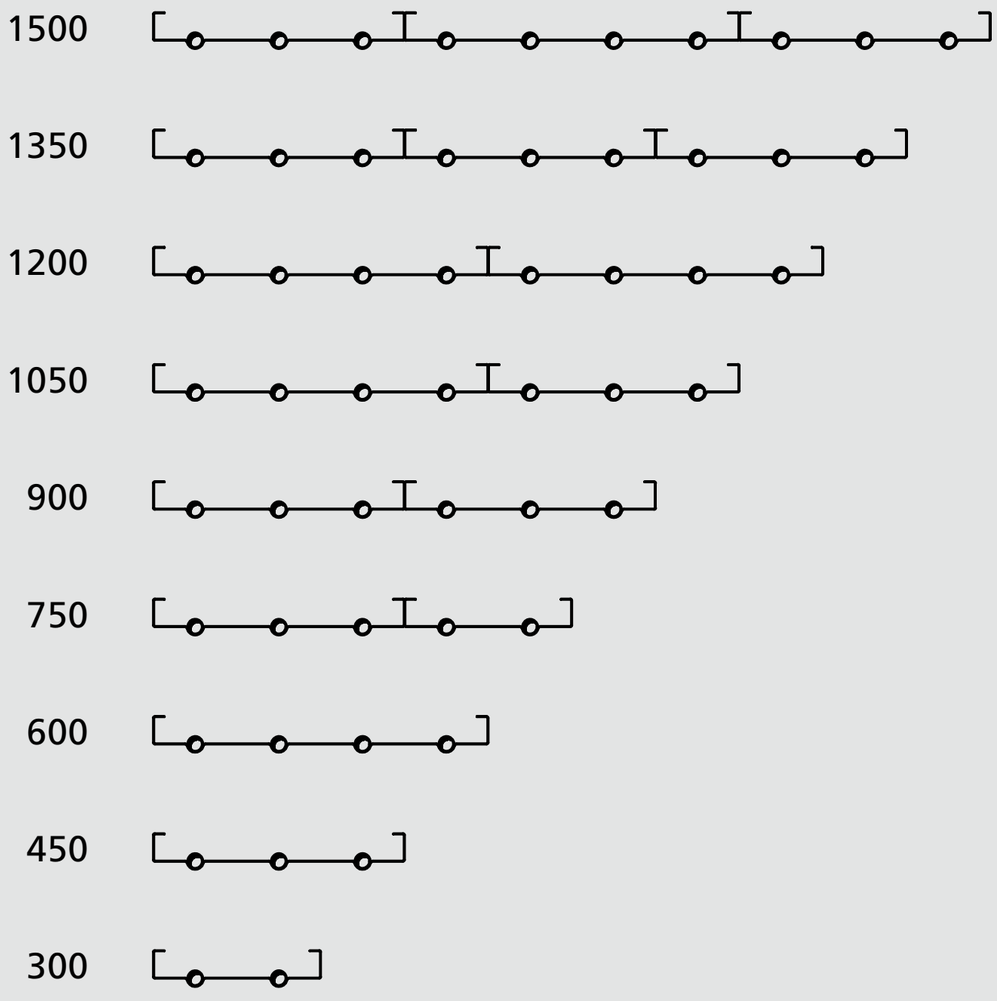
Panel widths [mm]



Performance data

Panel width	Design heat output *
[mm]	[W/m]
300	221
450	287
600	348
750	424
900	499
1050	575
1200	650
1350	725
1500	801

* In accordance with DIN EN 14037, Part 3 with upper heat insulation at $\Delta T = 55$ K

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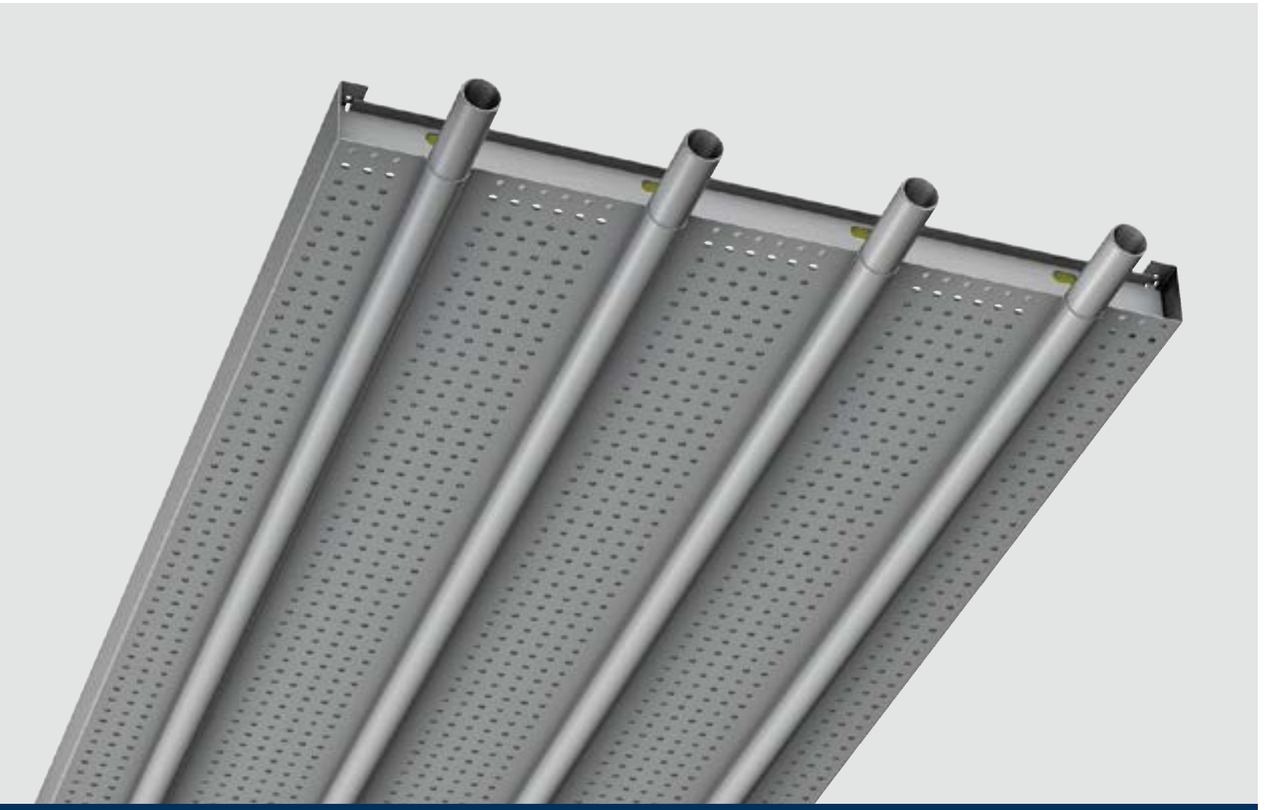
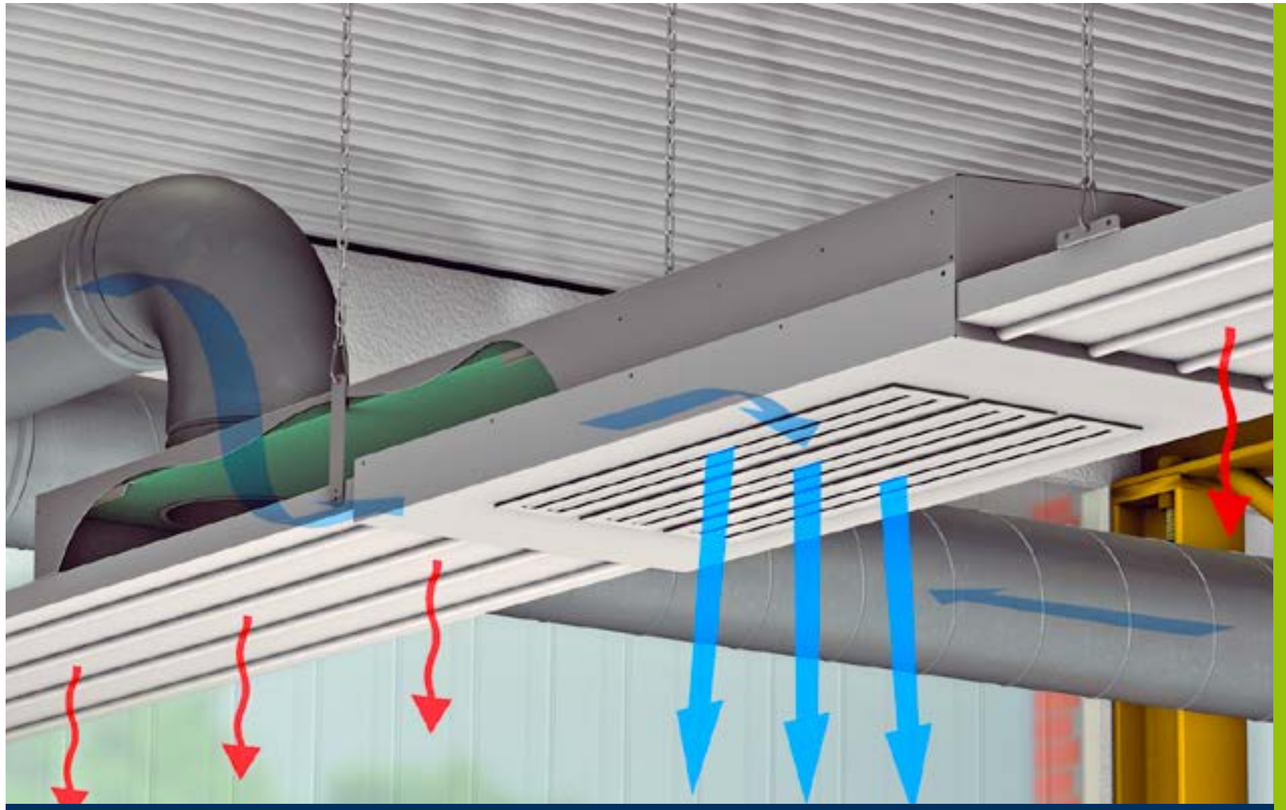


Galaxis - perforated model

- For a reduced sound level and curtailed reverberation period
- Including trickle protection
- Available in all panel widths



Galaxis Z - with a supply air function

- Combination of radiant heating and the supply of treated air
- Thermal comfort with a targeted supply of fresh air
- Adjustable linear diffuser

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Benefits for you!

Kampmann offers you the following service benefits:

- On-site Consultation
- Planning Support
- System Solutions
- Detailed Discussions
- After Sales Service

Here we are at your service:
Kampmann.co.uk/contact

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