

# Lindab **Floor convectors**

Product overview Floor convectors





# We simplify construction

At Lindab we are driven by a strong desire to continuously generate improvements and to simplify construction. We do that by developing products and systems that are easy to use and energy efficient, together with industry-leading knowledge, support, logistics and efficient availability.

We want to simplify everything – from designing, ordering, delivery, goal achievement and installation to the entire way of doing business with us. By simplifying in every stage of the construction process, we also contribute to energy-efficiency.

## **A good thinking company**

Good thinking is a deeply rooted philosophy that guides us in everything we do. We firmly believe that good thinking makes good solutions to the challenges we all face. Taking responsibility for what we do and how we do things is therefore important to us. Because good thinking is not only about making life easier and more comfortable for our customers and end users. It is also a matter of thinking in a global perspective, all the time. Knowing that we at Lindab are helping to make the world a better place.

## A sophisticated heating and cooling solution

Floor convectors are elegant and highly efficient heating and cooling units, which are especially suitable for residential, business or public premises with large glass surfaces. They provide a comfortable indoor climate in places, where installation of higher radiators is not possible, e.g. in front of french windows, winter garden entries, hall entrances, corridors, etc. while blending discreetly into different interiors.

Floor convectors feature immense adaptability to architectural design due to a broad range of grilles and custommade corner and rounded shapes. Available are also dedicated versions for efficient condensation prevention in swimming pools or versions with fresh air supply for simultaneous heating and ventilation of premises.





# Absolute freedom of form and design



## Perfect adaptability to architectural design

A wide range of wooden and metallic grilles and the ability to design any angular or rounded shapes on customer's request opens limitless possibilities for creative designs.

Longitudinal fixed tread-on grilles are available in three standard metallic colours: aluminium, black and brass, while chocolate and bronze metallic grilles can be delivered on request.

Roll-up grilles are available in all above mentioned metallic colours and stainless steel and also in several wooden versions: oak, ash, walnut, and mahogany as standard, wenge and cherry on request.

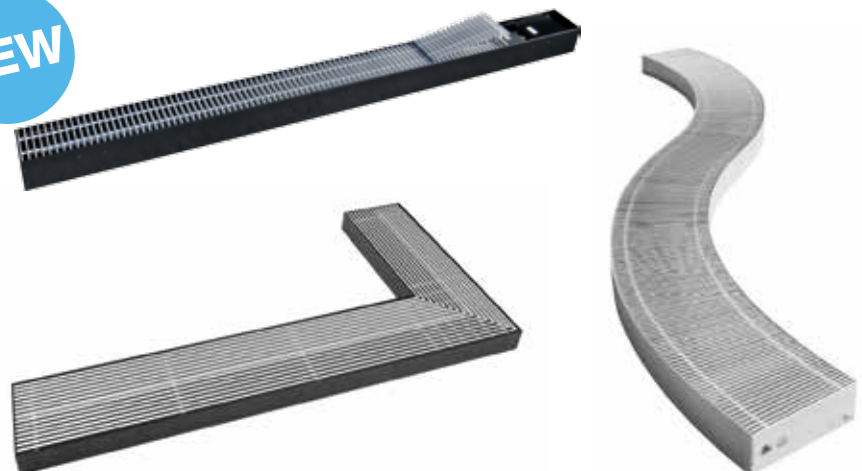
## User friendly selection software

User friendly software Klima TK, available on [www.lindab.si](http://www.lindab.si) makes it easy to select the optimum floor convector type, fulfilling the desired parameters for each individual project.



## Narrow version TK elegant

By working closely with our customers, we are continuously striving to improve our products. Based on feedback from designers and architects we developed a narrow version of floor convector models TK and TKV, with a width of only 150 mm. In spite of his modest dimensions, the new convector is featuring excellent heating capacities and blends perfectly into various interiors in both residential and commercial buildings.



# Tailored to the needs of various premises

A broad range of different dimensions and capacities enables adaptation to any project needs, architectural styles and desired indoor climate parameters.

Floor convectors are used as an efficient and aesthetically pleasing heating and cooling solution for different premises, such as:

- Residential homes
- Hotels and restaurants
- Office buildings
- Public buildings
- Airports
- Swimming pools

## Tailored solutions

Our flexibility and ability to develop special project solutions and non-standard dimensions and shapes on customer's demand places us among leading producers in this field. Our goal is to build long-term relationships with our partners by offering reliable and highly functional heating solutions and competent technical support.



## Proven performance

The heating and cooling capacities as well as sound characteristics of both standard and custom made floor convectors are measured in our own R&D center according international standards, such as EN 442 and EUROVENT.

## Smart regulation and broad accessories range

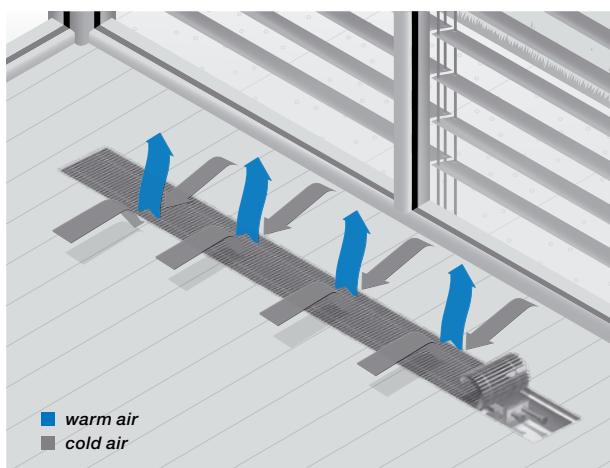
Highest levels of indoor comfort can be achieved by using precise and user friendly regulation accessories. Important is also the possibility to connect floor convectors to BMS systems and to control a large number of units centrally.

Various accessories have been developed to simplify installation into concrete grounds or false floors. Additionally, also thermal insulated housings or decorative aluminium frames are available.



# Product overview Floor convectors

TK – Floor convector  
with natural convection

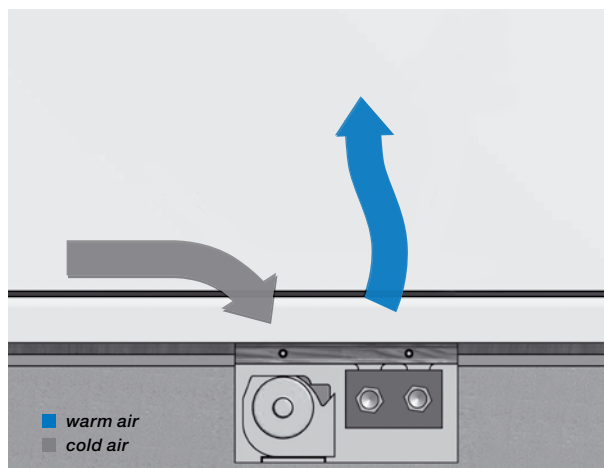


Natural convection floor convectors are designed for secondary room heating with heating capacities up to 4 kW. They are distinguished for their silent operation and thus especially suitable for residential premises.

- Standard widths: 200, 300, 400 mm
- Standard heights: 70, 105, 140 mm
- Available in 33 lengths from 800-5000 mm
- NEW: narrow version W= 150 mm, H= 110 mm



TKV – Floor convector  
with forced convection

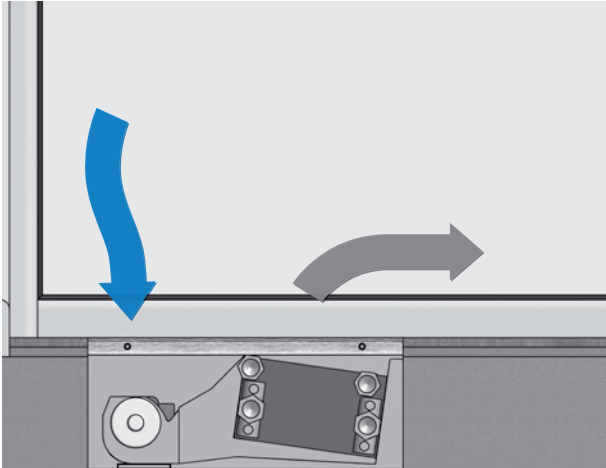


Forced convection floor convectors are suitable for primary and secondary heating, featuring heating capacities up to 12,8 kW. Natural air circulation is boosted by means of a fan, which efficiently prevents condensation build-up on glass surfaces and intrusion of cold outside air.

- Standard widths: 200, 300, 400 mm
- Standard heights: 80, 105, 140 mm
- Available in 32 lengths from 900-5000 mm
- NEW: narrow version W=150 mm, H= 110 mm



## TKH – Floor convector for heating and cooling

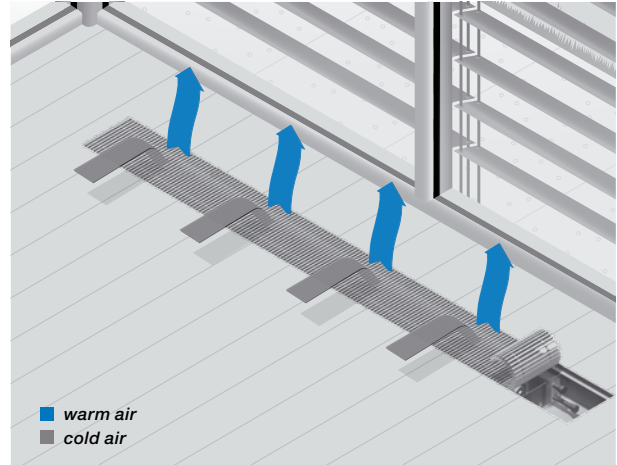


Floor convectors TKH are designed for secondary cooling in the warmer season, in moderate climate zones also for primary cooling. During the heating season they are used for room heating. They are applied in buildings with large hot envelope surfaces, where ceiling cooling is not feasible.

- Available for 2- and 4-pipe systems
- Excellent heating and cooling capacities



## TK-S, TKV-S – Floor convector for humid conditions



Floor convectors TK-S with natural convection and TKV-S with forced convection are particularly suitable for heating of areas with increased humidity level such as swimming pools or similar, where they efficiently prevent condensation and ingress of cold air.

- Increased safety due to low voltage fan (12V) in the forced convection version



## Floor convector with fresh air supply

Floor convectors with fresh air supply are used for simultaneous heating and ventilation of premises. The fresh air is usually supplied from an air handling unit through a special connection and can even increase the heating performance of the floor convector by passing through the heat exchanger.

- Ideal for adaptations of older buildings, where forced ventilation is carried out through the floor convector
- Applicable also as a project solution in contemporary buildings as a two-in-one unit



## Good Thinking

**At Lindab**, good thinking is a philosophy that guides us in everything we do. We have made it our mission to create a healthy indoor climate – and to simplify the construction of sustainable buildings. We do that by designing innovative products and solutions that are easy to use, as well as offering efficient availability and logistics. We are also working on ways to reduce our impact on our environment and climate. We do that by developing methods to produce our solutions using a minimum of energy and natural resources, and by reducing negative effects on the environment. We use steel in our products. It's one of few materials that can be recycled an infinite number of times without losing any of its properties. That means less carbon emissions in nature and less energy wasted.

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Lindab IMP Klima d.o.o.  
Godovič 150  
5275 Godovič, Slovenia  
imp-klima@lindab.com  
www.lindab.si

