

# CONVECTORS

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## INNOVATIONS 2019



When design decides



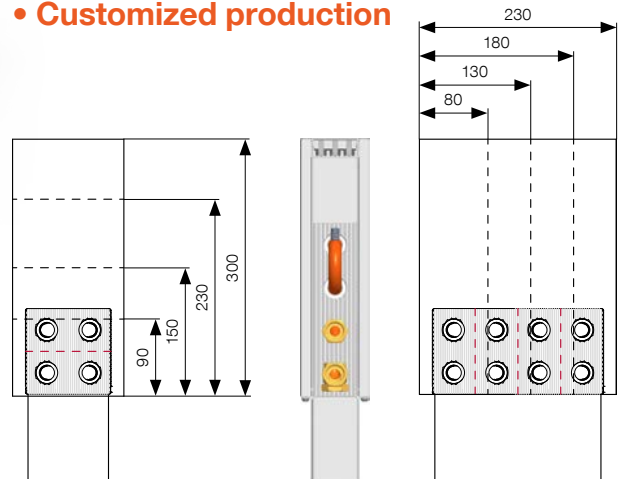
## FREE STANDING CONVECTORS

# KORALINE



Free standing convectors KORALINE are supplied with stands for a finished floor as standard. Other options are brackets for a subfloor or brackets for mounting convector on a wall.

- 450 standard product variants
- 16 standard lengths
- 3 model series
- Heat output up to 6 061 W
- Mounting on the wall or floor
- RAL colour chart options
- Customized production



### KORALINE OLOC fan assisted

Exclusive design of free standing convector are enhanced by energy efficient fans with an electric engine and a minimal electricity consumption. KORALINE OLOC high efficiency with low temperature has gradients.



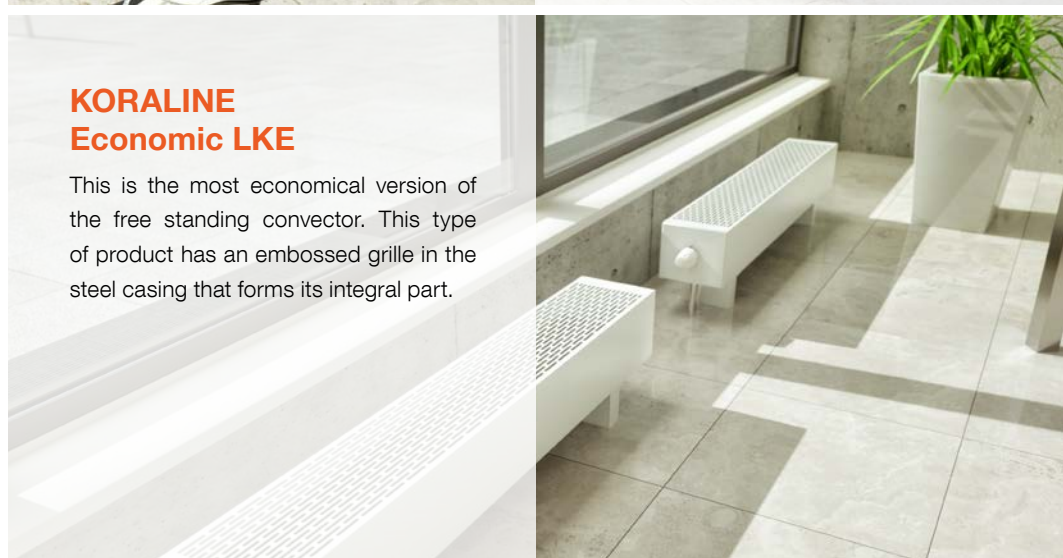
### KORALINE Exclusive LKX

Design and higher output are benefits of new free standing convectors KORALINE Exclusive. They include a high quality anodised silver aluminium grille.



### KORALINE Economic LKE

This is the most economical version of the free standing convector. This type of product has an embossed grille in the steel casing that forms its integral part.



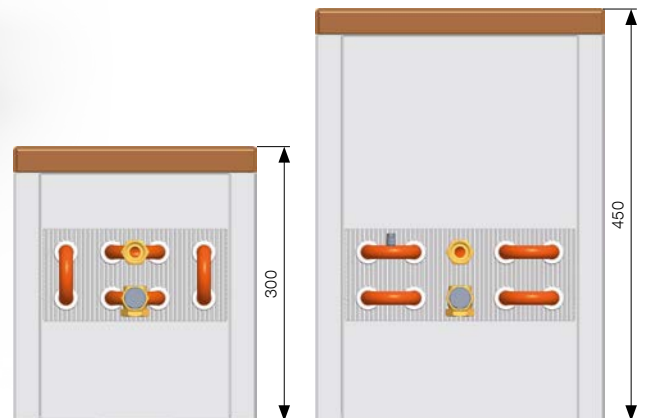


## BENCH CONVECTORS WITH BOARD KORALINE



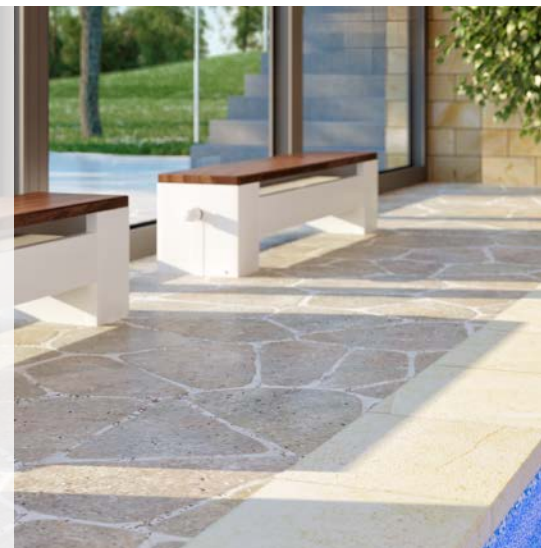
- 36 standard product variants
- 6 standard lengths
- 2 model series
- Heat output up to 3 525 W
- RAL colour chart options
- Customized production

KORALINE casing is possible to order in RAL colour chart with top desk in oak, beech and American walnut.



### KORALINE Economic LDE

Free standing convector with wooden board withstands static load and is also suitable to sit on. Galvanised steel plate casing, painted in RAL 9016 white.



### KORALINE Exclusive LDX

Proven smart connection of the design, heat output and function. KORALINE Exclusive has galvanised stainless-steel casing, AISI 316, painted in RAL 9016 white. If the cover board is made of American walnut, the bench convector may be installed even in a wet environment.





## TRENCH HEATERS WITH NATURAL CONVECTION

# KORAFLEX



- 868 standard product variants
- 14 standard lengths
- 4 model series

- Heat output up to 6 000 W
- 17 standard cover grilles
- Customized production

### KORAFLEX THIN

#### **FKT** with natural convection

Trench heaters with the lowest depth 6 cm, with simply bended edges and with steel grille THIN coloured in RAL colour.

This grille is highly recommended for restaurants and public areas due to its strong construction with small spaces between lamelas.



### KORAFLEX BASIC

#### **FKB** with natural convection

Trench heaters BASIC has zinc galvanised steel case, exchanger without any surface treatment and simply bended edges.







- 421 standard product variants
- 12 standard lengths
- 6 model series
- Heat output up to 13 000 W
- 17 standard cover grilles
- The newest regulation with guaranteed RPM
- Regulations for 24 V DC or build in 230 V DC power supply
- Customized production



## KORAFLEX POOL

**FVP** fan assisted

**FKP** with natural convection

KORAFLEX Pool with inclined bottom and water drain. Aluminium grille.



## KORAFLEX OPTIMAL

**FVO** fan assisted

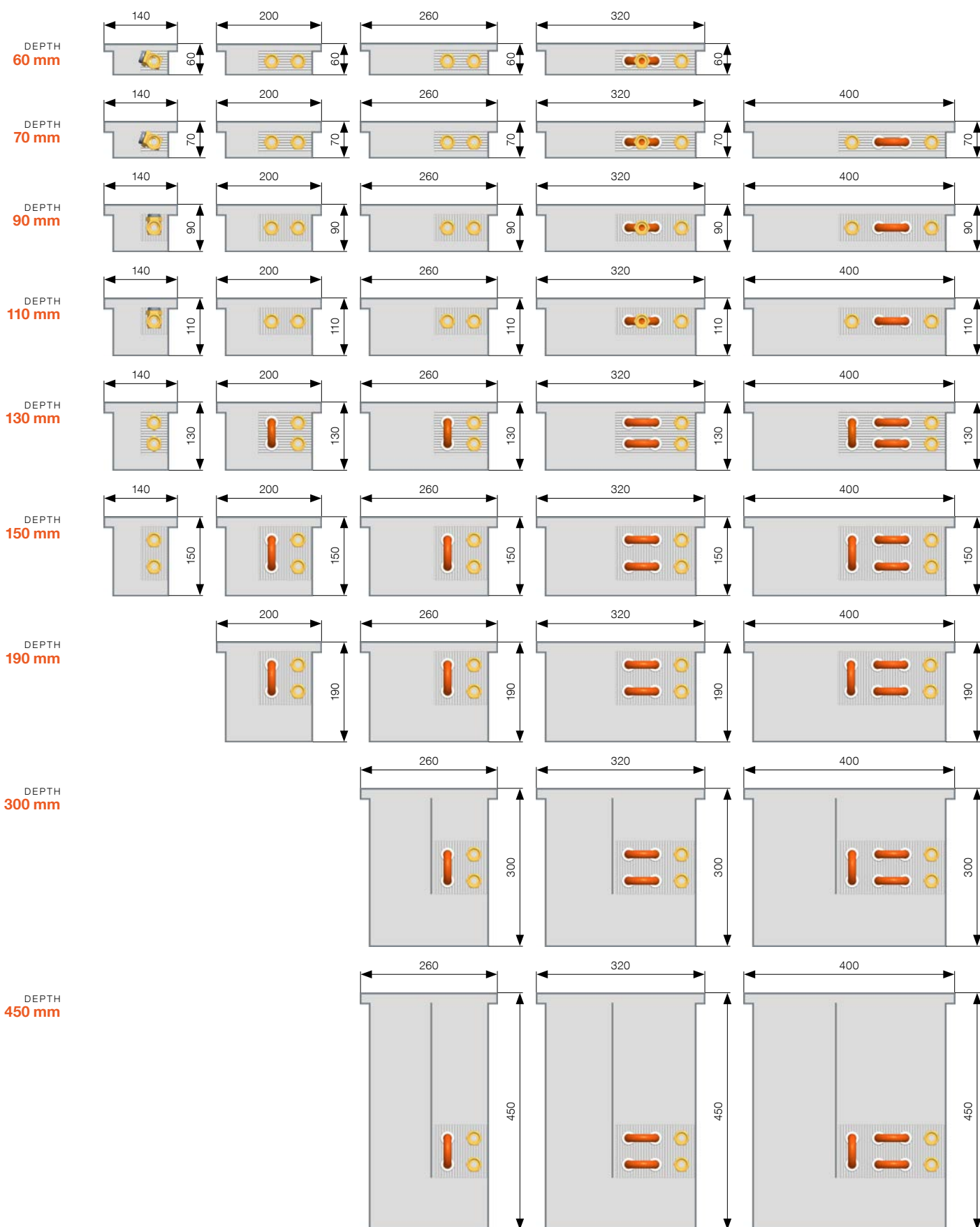
**FKO** with natural convection

Trench heaters with natural or fan assisted in many variations. Economic or Exclusive. For KORAFLEX Optimal you can select from the full range of grilles – see page 9.



## LIST OF MODELS

# KORAFLEX – TRENCH HEATERS WITH NATURAL CONVECTION



## LIST OF MODELS

# KORAFLEX

## FAN ASSISTED TRENCH HEATERS

### KORAFLEX Optimal FVO

Fan assisted trench heaters. Dimensions starting from 70/200 up to 130/400, length in steps of 10 cm starting from 80 cm.

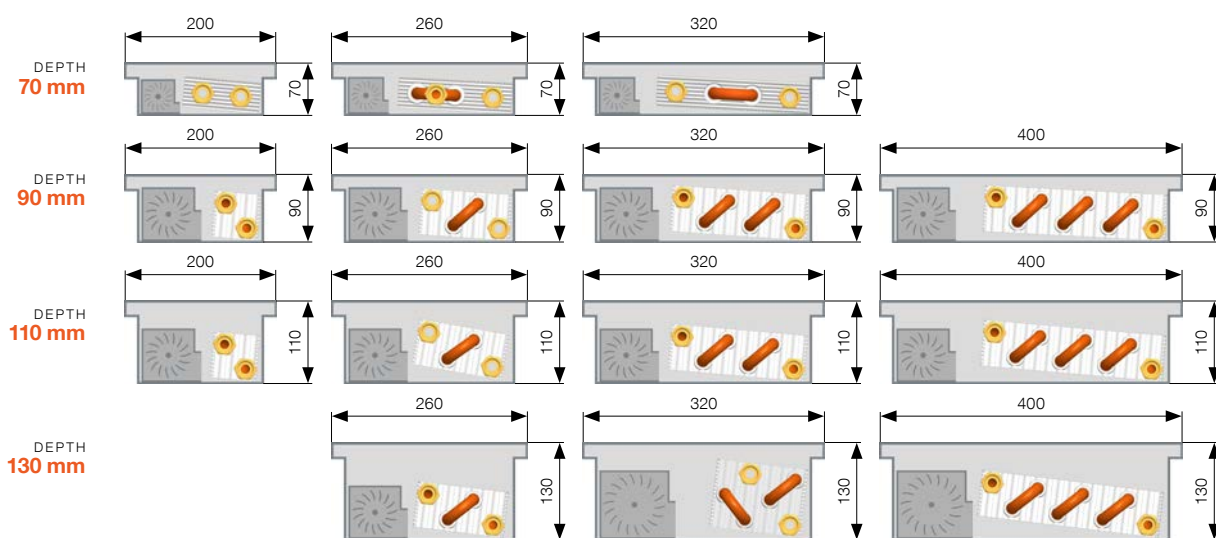
Version Economic – basic version black coated galvanized steel case, exchanger without surface treatment.

Version Exclusive – black coated galvanized steel case, black coated exchanger.

### KORAFLEX Energy FVE

Trench heaters with fan assisted and 230 V AC/24 V DC built in power supply. The length is as per Optimal extended by 20 cm.

Economic or Exclusive option with possibility to select from the full range of grilles – see page 9.



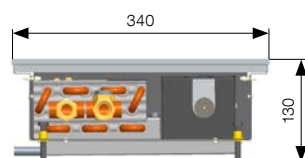
### KORAFLEX Variant F2V

Heating or cooling – 2 pipe heat exchanger.



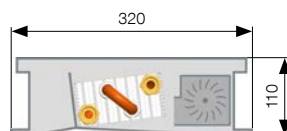
### KORAFLEX Variant F4V

Heating and cooling – 4 pipe heat exchanger.



### KORAFLEX Pool FVP

Suitable for wet environment  
as swimming pool areas.





## TRENCH HEATERS

# KORAFLEX HEATING AND COOLING



### KORAFLEX Variant F2V

heating or cooling – 2 pipe system

Fan assisted trench heaters for heating or cooling. F2V can be used only with traverse grilles.

**Version Economic** – black coated galvanized steel case with inner stainless steel case AISI 316, heat exchanger without surface treatments.

**Version Exclusive** – black coated zinc galvanised steel case, black coated heat exchanger.



### KORAFLEX Variant F4V

heating and cooling – 4 pipe system

Fan assisted trench heaters for heating and cooling. F4V can be used only with traverse grilles.

**Version Economic** – black coated galvanized steel case with inner stainless steel case AISI 316, heat exchanger without surface treatments.

**Version Exclusive** – black coated zinc galvanised steel case, black coated heat exchanger.

### KORAFLEX Energy FVE

fan assisted



Fan assisted trench heaters with 230 V AC built in power supply 24 V DC regulation. Extended length of the Optimal by 20 cm. Possibility of full range of grilles.



### KORAFLEX

with supply of fresh air



Unique customized design with supply of fresh air. The Economic and Exclusive version with the possibility of full range of grilles.



## Regulation

The regulation is designed to control the heating and cooling output of fan assisted convectors.

Standard Regulation / 24 V DC / 230 V DC built-in power supply / For former instalations optional regulation 12 V DC

## BMS

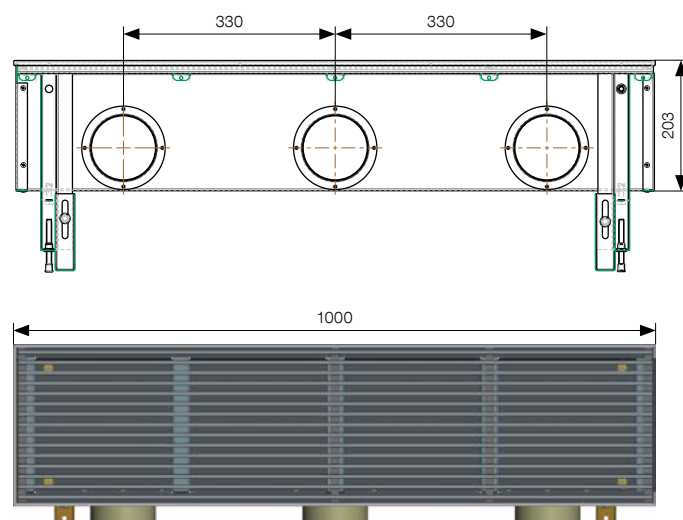
All of our convectors can also be control by a BMS (Building Management System).



Siemens  
RAB 21 DC

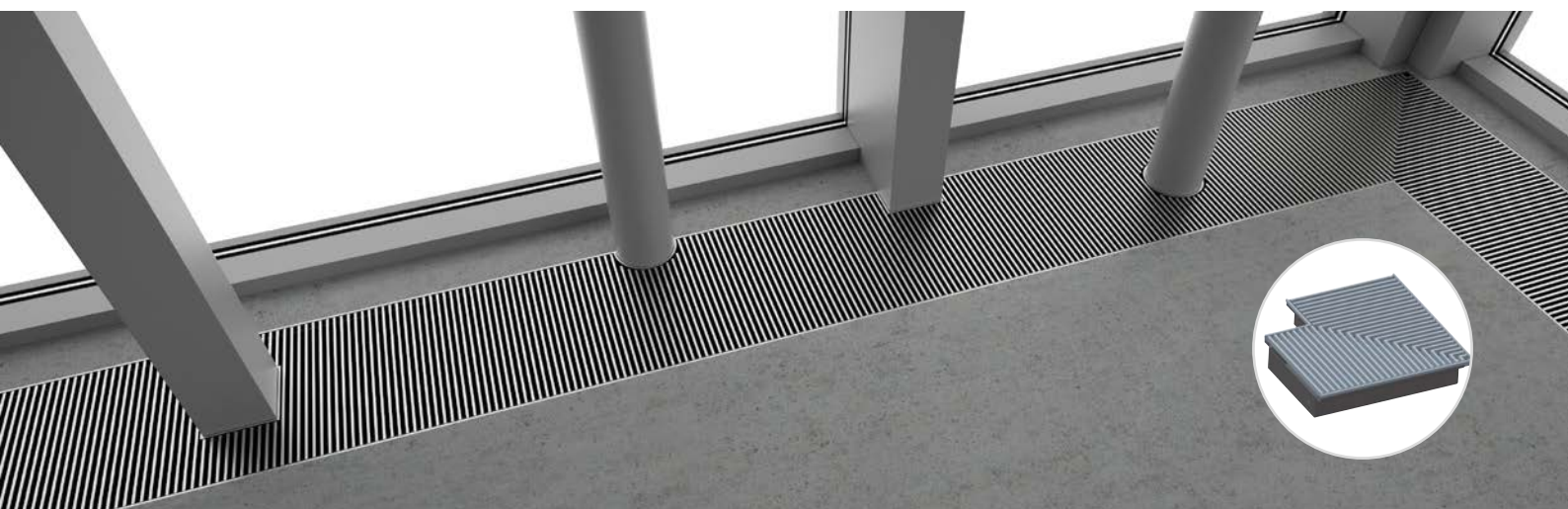
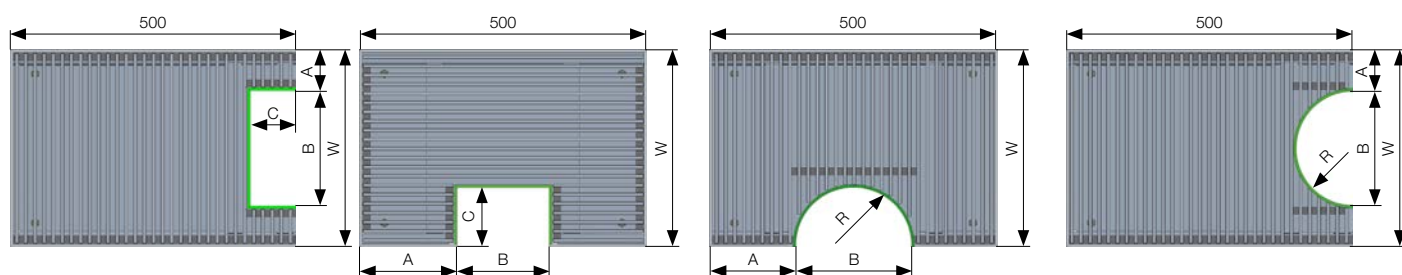


Siemens  
RDG 160T



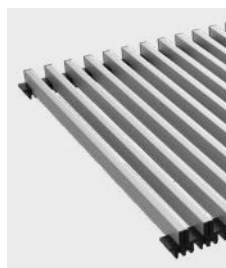
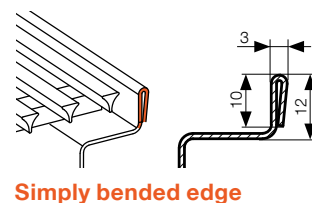
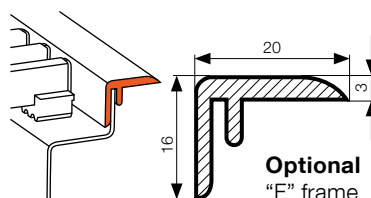
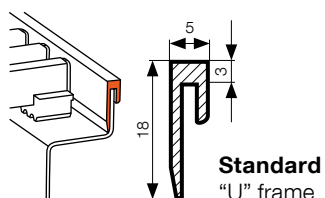


# KORAFLEX MODULE



# KORAFLEX FRAMES AND GRILLES

**Aluminium frames**  
silver / dark bronze /  
light bronze



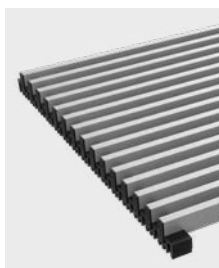
transverse aluminium – silver



transverse aluminium –  
dark bronze



transverse aluminium –  
light bronze



linear aluminium – silver



linear aluminium –  
dark bronze



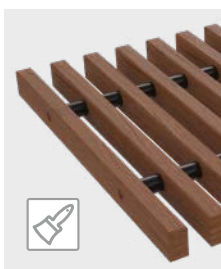
linear aluminium –  
light bronze



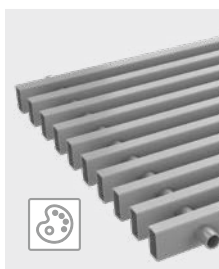
natural – painted beech



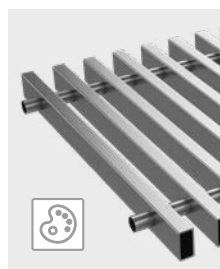
natural – painted oak



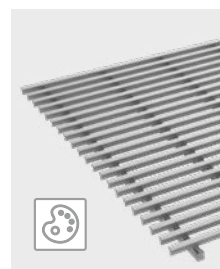
natural – painted mahogany



steel / painted / standard  
RAL 9006 / transverse or linear



stainless steel transverse  
or linear



Thin – steel / painted /  
standard RAL 9006

## HEAT EXCHANGERS KORABASE



- 168 standard product variants
- 12 standard lengths
- 7 model series
- Heat output up to 5 500 W
- Customized production

The KORABASE heat exchanger with low water content is suitable for an individual installation especially at places, where interior requires compactness of used materials. If required conditions are fulfilled KORABASE heat exchangers can be covered by different types of material for their smooth building into the space. To achieve the best function and safety the basic requirements how to cover the heat exchanger is listed in mounting instructions. The exchanger is made of copper tubes and aluminium lamellas.

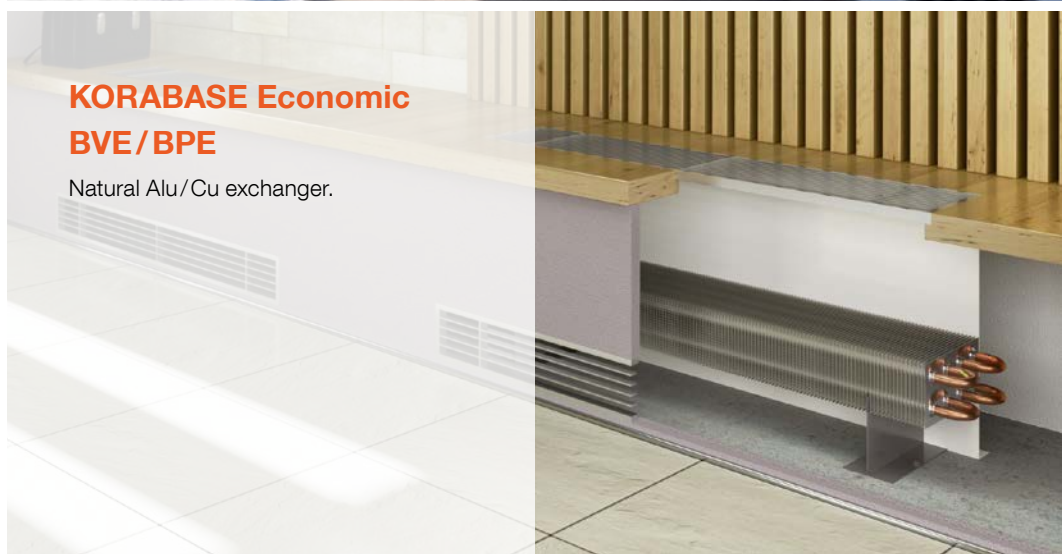
### KORABASE Exclusive BVX/BPX

Black painted exchanger.



### KORABASE Economic BVE/BPE

Natural Alu/Cu exchanger.





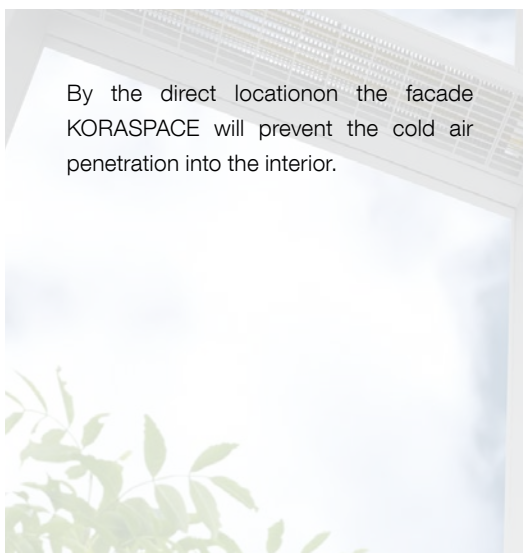
## FACADE CONVECTORS KORASPACE



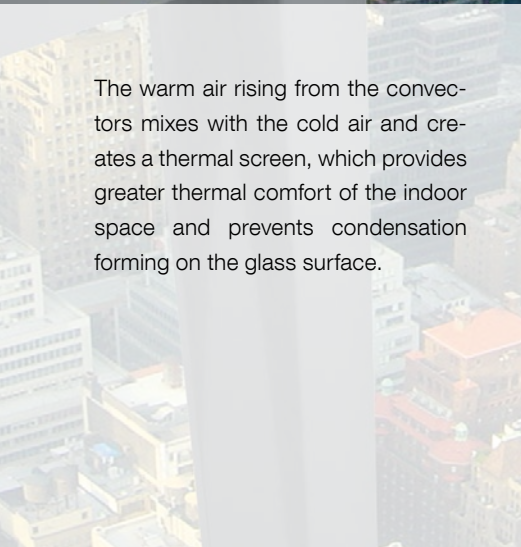
- RAL colour chart options
- Customized production



By the direct location on the facade KORASPACE will prevent the cold air penetration into the interior.



The warm air rising from the convectors mixes with the cold air and creates a thermal screen, which provides greater thermal comfort of the indoor space and prevents condensation forming on the glass surface.



Installation on horizontal crosspiece, between vertical support or installation on vertical support.





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