



VERANO
G L O B A L

➤ **TRENCH HEATERS**
FLOOR AND WALL-MOUNTED CONVECTORS

➤ **FAN ASSISTED TRENCH HEATING
AND COOLING UNITS**

➤ **AIR HANDLING UNITS
WITH HEAT RECOVERY**



BETTER FUTURE

FIRSTLY: ECOLOGY!

We consider our manufacturing business as environmentally friendly and we take care with all of the ecological aspect of our production technology. Our main business goal is a leading market share in the segment of innovative heating of HVAC industry. Our proven and patented technology, which is based on continuous R&D processes, which may bring up to 20% of energy bill savings for the end users of buildings, where a system that

uses our convection heating emitters has been concerned. Thanks to our eco-friendly solutions we could make a positive impact into a natural environment protection through indirect reduction of emissions from the buildings. We and our products meet the most restrictive ecological criteria both on the manufacturing level and at the later stage when our products are being commissioned and used.

REDUCED CARBON FOOTPRINT

Our factory uses renewable energy sources. We obtain electricity from photovoltaic panels. Modern production technology reduces environmental pollution to a minimum.

We gave up welding for clinching, which lowers the carbon footprint and contributes to the protection of the natural environment.

SECONDLY: TECHNOLOGY!

Our unique manufacturing technology is a result of long term R&D works also on the foundation of products' patent and certificates from the most reputable testing laboratories in the European Union. Our products are

basically suitable for domestic and light commercial buildings, especially where one would like to combine an exceptional aesthetic interior design, along with a discrete source of energy efficient heating.



A HEALTHY HOME

is a happy home!

A healthy home is a house where ecological and energy-saving solutions can be used to maintain adequate thermal comfort. Thanks to our devices, you will create a healthy and environmentally friendly home. A healthy home is a happy home.



FRESH AIR DISTRIBUTION SYSTEM

Double air filtration, air disinfection using UV lamps, energy-saving fans, remote operation via smartphone are just some of the advantages of air handling units with heat recovery by VERANO.

VERANO air handling units with heat recovery:

- VS
- VW
- VC



HEAT PUMP READY

Fan assisted units by Verano are adapted to work with heat pumps.

- SVKN1 / SCVK2 (Fan assisted pedestal unit)
- VKN Silent (Silent fan assisted trench heater)
- LVKN2 (Fan assisted baseboard heater)
- NVKN (Fan assisted wall-mounted heater)
- NCVK2 (Fan assisted wall-mounted heating and cooling unit)
- VKN5P FreshAir+ (Trench heater with fresh air supply)
- VKN1 / VKN5 (Fan assisted trench heater)
- CVK2 / CVK4 (Fan assisted trench heating and cooling unit)
- MVKN5 (Modular fan assisted floor-mounted heater)

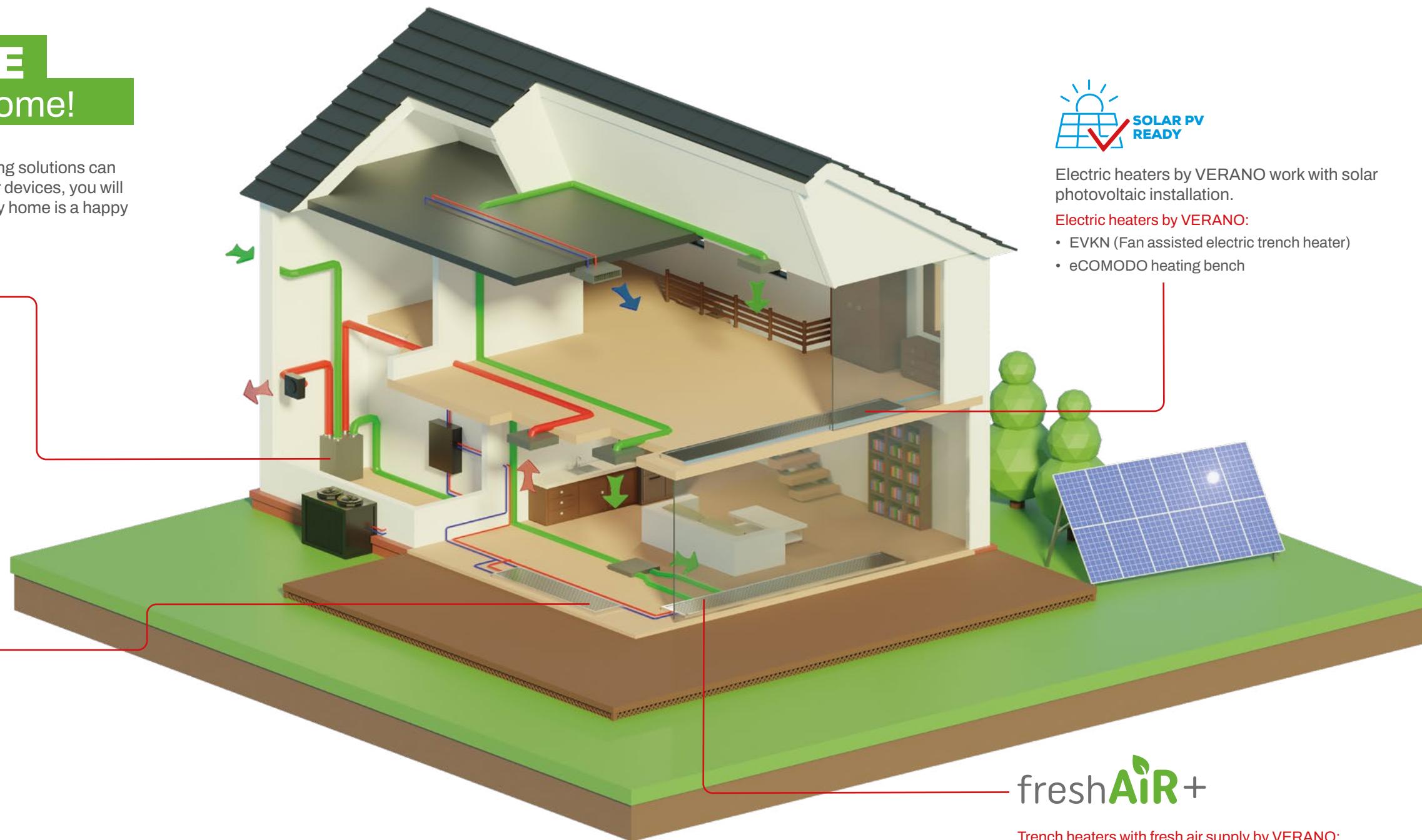


SOLAR PV READY

Electric heaters by VERANO work with solar photovoltaic installation.

Electric heaters by VERANO:

- EVKN (Fan assisted electric trench heater)
- eCOMODO heating bench



freshAir+

Trench heaters with fresh air supply by VERANO:

- Fan assisted trench heater type VKN5P
- 2-pipe heating and cooling unit type CVK2P
- 4-pipe heating and cooling unit type CVK4P



NEW HEATING BENCH

ECOMODO

The electric version of the COMODO heating bench combines the functions of a modern mobile heater and a functional bench with a modern design.

The lack of a hydraulic connection makes it possible to place it anywhere with an electric power supply.

The device ensures thermal comfort in the room and a comfortable seat.

The side walls of the bench are made of tempered and safe glass in white or black colour.

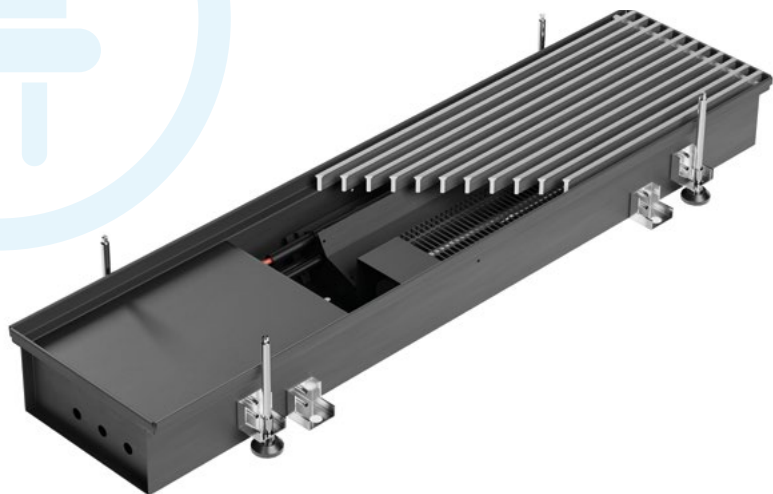
In order to extend the service life and at the same time create a solid device, the seat of the bench is made of oak wood, covered with varnish with increased resistance to abrasion.

**NEW
PRODUCT**



We focus on the convenience of controlling our devices, so thanks to the modern VERANO-1 controller, you can decide for yourself about the working time and the optimal temperature.





FAN ASSISTED ELECTRIC TRENCH HEATER

EVKN

In accordance with the current trends around the world, we launch a fan assisted electric trench heater.

Low thermal inertia and no need to connect a water system (which becomes very important in the case of modernization or renovation), make EVKN an undoubted leader among trench heaters. The temperature in the room changes very quickly thanks to the use of a quiet and efficient fan with a 24V DC EC motor.



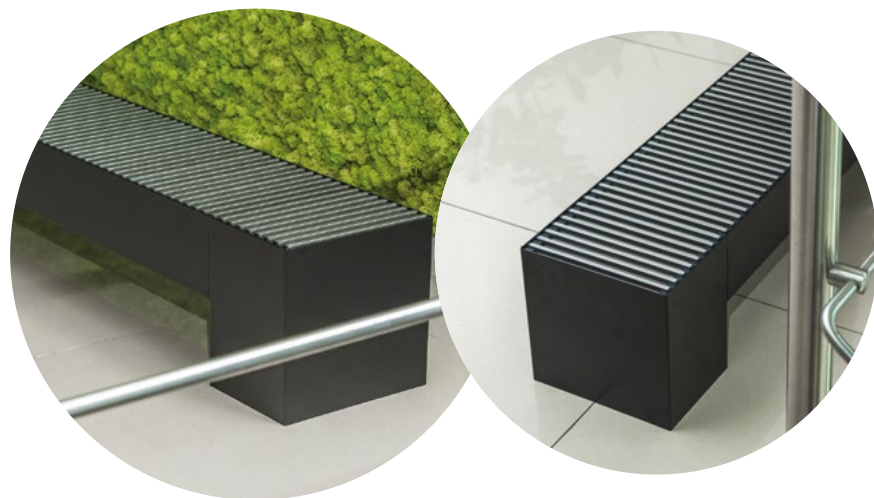
**NEW
PRODUCT**



TRIPLE PROTECTION

- SOFTWARE - protection against overheating - adjustment blowing temperature to ambient temperature.
- ELECTRONIC - after exceeding the 1st threshold of the airflow temperature, electronic power limitation.
- ELECTROMECHANICAL - bimetallic protection.





FAN ASSISTED PEDESTAL UNIT

SVKN1 / SCVK2

Everywhere where trench heater cannot be used, fan assisted pedestal unit comes in handy. It is also an ideal solution for rooms with large glazing and low window sills.

This heater can also be optically matched to any room, because both the grille and the casing of the heater can be selected or made in any colour from the standard RAL palette.



**NEW
PRODUCT**





SILENT FAN ASSISTED TRENCH HEATER

VKN2 SILENT

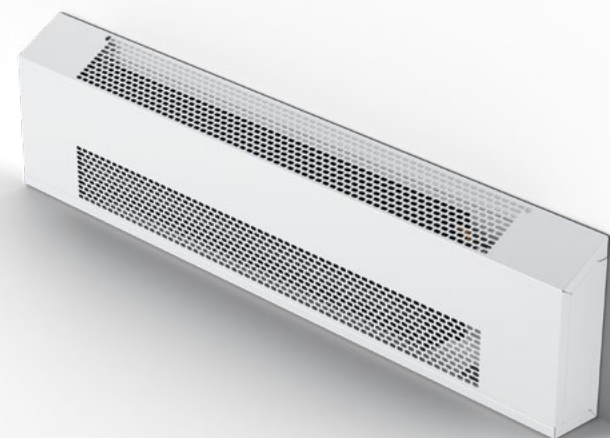
More heating output in an even quieter device. The new silent fan assisted trench heaters are ideal for rooms with increased acoustic requirements, where user comfort is the most important.

We used a new fan model and modified the internal structure. In this way, we improved the characteristics and quiet operation of the device. VKN2 SILENT with a height of 90 mm are characterized by a lower noise level than other models with comparable heating output.



**NEW
PRODUCT**





FAN ASSISTED BASEBOARD HEATER

LVKN2

Here is a discrete source of heat. A fan assisted baseboard heater, which the form and small dimensions ensure a natural finish to the skirting board, fits perfectly into all wall bends.

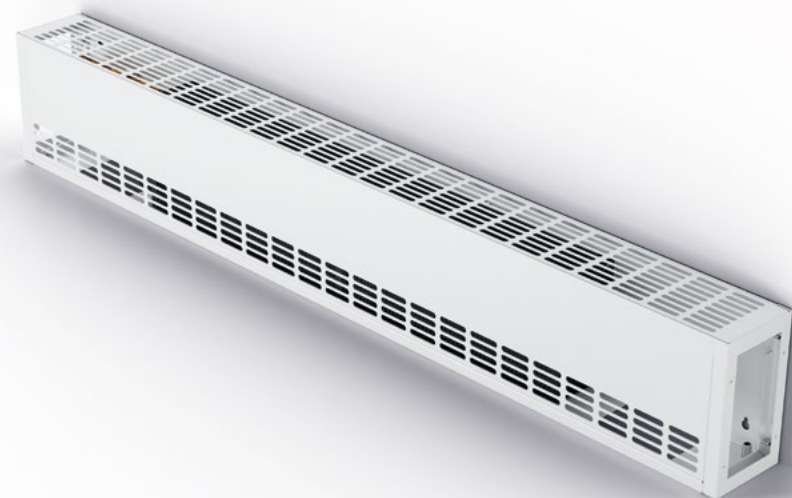
An undoubted advantage in the personalization of this heater is the ability to choose your favorite colour from the RAL palette.

LVKN2 can be used for thermal modernization of buildings. What is more, there is no need to interfere with the floor layers and at the same time we get rid of the visible elements of the installation.



**NEW
PRODUCT**





MODULAR FAN ASSISTED FLOOR-MOUNTED HEATER

MVKN5

The modular fan assisted floor-mounted heater is an ideal device for rooms where trench heaters cannot be installed.

This radiator is a module that can be combined with each other to create the appropriate length of the heating system.

The casing of the heater is available in any colour from the RAL palette, and the top of the unit can be finished as well as a punched grille as an aluminum grille.

What is more, any needed electrical or telecommunication wires can be placed inside the heater casing.





FAN ASSISTED WALL-MOUNTED HEATER

NVKN

To meet the needs of low-temperature systems (heat pumps, condensing boilers), we have created a fan assisted wall-mounted heater. Thanks to a wide range of colours, it fits perfectly into the interior.

We used a quiet and efficient fan with a 24V DC EC motor, which heats the room faster than natural convection. High heating output makes it possible to replace several heating devices.



**NEW
PRODUCT**





FAN ASSISTED WALL-MOUNTED HEATING AND COOLING UNIT

NCVK2

2-pipe fan assisted wall-mounted heating and cooling unit, one device with two features. Use of modern controls, ensures adequate thermal comfort in summer and winter. Modern design and a selection of casings, grilles and RAL colours make it fit perfectly into the interior.

Thanks to the use of a quiet and efficient fan with a 24V DC EC motor, it allows you to reach the required temperature faster than natural convection. It is ideal for low-temperature systems equipped with heat pumps or condensing boilers. NCVK2 can be mounted under the ceiling, on the wall or it can be recessed.



HEAT
PUMP
READY

**NEW
PRODUCT**





FRESH AIR SUPPLY PRODUCTS

fresh*AiR*+

Fresh*AiR*+ is a group of trench units with fresh air supply. The traditional heating system is based on circulating air. In the Fresh*AiR*+ design, air is supplied to the device from the ventilation unit, where it is pre-filtered.

The Fresh*AiR*+ group is:

- Fan assisted trench heater type VKN5P
- 2-pipe fan assisted trench heating and cooling unit type CVK2P
- 4-pipe fan assisted trench heating and cooling unit type CVK4P





AIR HANDLING UNITS WITH HEAT RECOVERY

freshAIR+



VC SERIES



VS SERIES



VW SERIES

The freshAIR+ VW series is ideal for use in the attic of single-family and multi-family buildings. The freshAIR+ VS, on the other hand, is perfect for rooms with vertical ducting to the air handling unit, as well as in boiler rooms and utility rooms with limited cubic capacity.

The housing is made of 40 mm thick extruded polypropylene (EPP) for optimal thermal and acoustic insulation. Compact air handling units are equipped with a two-stage filtration system, an optional heater or cooler and a temperature, hybrid or enthalpy exchanger.

The CF (Constant Flow) system used as standard facilitates the adjustment of the installation and guarantees constant air flow regardless of weather conditions or the degree of filter contamination.





ADVANTAGES



Wireless control



Automatic bypass



Temperature and humidity recovery*



Built-in secondary heater or cooler**



Energy-saving EC fans



Constant Flow 100%



Removable heat exchanger



Modern EPP housing



Built-in preheater



Double filtration of the supply air



UV disinfection



Light construction

* Does not apply to VWT series
** Only available for selected models



TEMPERATURE
EFFICIENCY
UP TO 95%

freshAIR+





NATURAL CONVECTION TRENCH HEATER

VK15

If you are looking for a way to save energy and at the same time increase the comfort in your home, trench heating may be just what you need!

The VK15 trench heater is an excellent source of heat, ideal for use in glazed rooms or glass facades.

VK15 can function independently or can be a supplement to other water heating systems in the building.





FAN ASSISTED TRENCH HEATER

VKN1 / VKN5

The use of fan assisted trench heater ensures ideal heat distribution and prevents steam condensation water on large glazed surfaces. We use extremely quiet and energy-efficient fans to achieve better heat outputs from more compact units.

The small depth of the casing allows the heater to be placed in the ceiling layers of any floor. The energy-saving 24V DC EC fan will allow you to adjust the heating output for the most demanding users.





FAN ASSISTED TRENCH HEATING AND COOLING UNIT

CVK2 / CVK4

Modern commercial buildings with multiple glazed façades typically result in one major issue – difficulty in compensating for cold drafts during the winter and summer months.

The ideal solution to compensate for these two phenomena are VERANO heating and cooling trench units type CVK2 and CVK4.

Two-pipe and four-pipe fan coils ensure the right temperature and optimal microclimate both in summer and winter.





HEATING BENCH

COMODO

The COMODO heating bench introduces a new aesthetic in heating where there is a necessity for proper heat distribution, as well as sitting comfort for visitors.

The COMODO is fitted with high-quality tempered glass and is available in deep black or gentle white. The comfortable seat consists of three large oak panels that are aesthetically pleasing, exceptionally durable, and scratch and stain resistant.





FLOOR-MOUNTED CONVECTOR

CALIENTE

The floor-mounted CALIENTE convector is widely used both in domestic installations and in commercial buildings.

The floor-mounted CALIENTE convector meets high aesthetic requirements and is an ideal solution wherever there is no technical possibility to install trench heating.

Smooth casing, a multitude of finishing options, aesthetically concealed valves in the casing make this heater suitable for use in virtually any type of room.





FLOOR-MOUNTED CONVECTOR

STANDARD

Wherever it is not possible to install a trench heater, the solution is a floor-mounted convector.

Its delicate and harmonious form is not conspicuous, unless you want to distinguish the unit in the room by choosing any colour from the RAL palette.

The advantage of the convector is a high-efficiency exchanger and a durable casing, available in many sizes. Under the casing, we can place an actuator or a wireless head so that nothing interferes with the classic body of the convector.





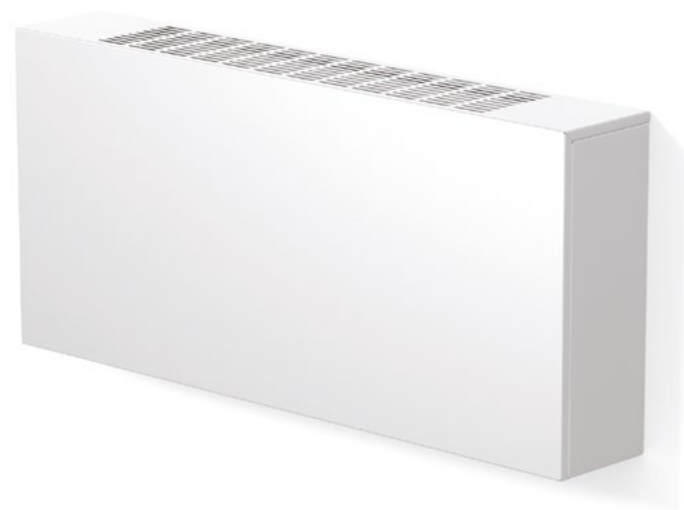
WALL-MOUNTED CONVECTOR

CALIENTE

The CALIENTE wall-mounted convector fits perfectly with any interior. A modern solution based on natural convection enclosed in a classic, always cool casing can successfully replace the system of traditional radiators in a home, office or public utility building.

The latest solutions in heating technology used in the production process make the radiator react quickly to changes in the parameters of the heating medium and temperature fluctuations in the room. And this ensures the desired thermal comfort.





WALL-MOUNTED CONVECTOR

STANDARD

The possibility of any interior arrangement thanks to the classic casing available in many colours makes our wall-mounted convector an attractive and efficient form of heating office and private rooms.

Wall-mounted convectors can be made with bottom connection (type V) or side connection (type C). Cleaning and maintenance of the heat exchanger is facilitated by the removable housing.

As standard, we paint our convector white but other colours and types of grill are available on request. The actuator or the wireless head can also be mounted inside the unit housing.





GRILLES

ALUMINIUM LINEAR GRILLE, SNAP ON PROFILE



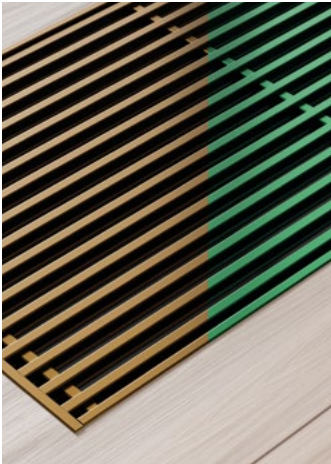
Natural aluminium



Anodized aluminium, satin finish



Anodized aluminium, stainless steel finish



Any colour from the RAL palette

ALUMINIUM LINEAR GRILLE, T-BAR PROFILE



Natural aluminium



Anodized aluminium, satin finish



Anodized aluminium, stainless steel finish



Anodized aluminium gold / black/ Any colour from the RAL palette



GRILLES

STAINLESS STEEL GRILLE



Stainless steel

MODULAR ALUMINIUM GRILLE



Natural aluminium



Anodized aluminium, satin finish



Anodized aluminium, stainless steel finish



GRILLES

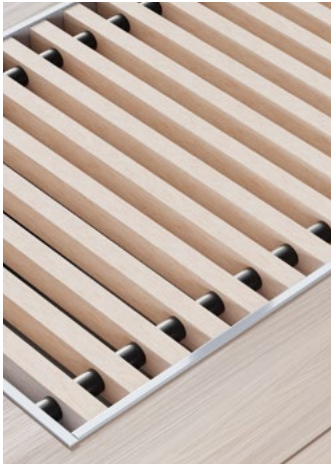
ROLL-UP WOODEN GRILLE



Oak



Ash



Beech



Sapeli

ROLL-UP ALUMINIUM GRILLE PROFILE CLOSED



Natural aluminium



Anodized aluminium, satin finish



Anodized aluminium, stainless steel finish



Anodized aluminium black



GRILLES

DOUBLE T-BAR ROLL-UP GRILLE



Natural aluminium



Anodized aluminium, satin finish



Anodized aluminium, stainless steel finish



Anodized aluminium gold / black

T-BAR ROLL-UP GRILLE



Natural aluminium



Anodized aluminium, satin finish



Anodized aluminium, stainless steel finish



Anodized aluminium gold / black



GRILLES

LASER CUT GRILLE



Laser cut grille

Personalize your grille!
Place your logo or any other
design on the grille of the trench
heater.

Material:
steel

Painting:
Any colour from the RAL palette

FRAME



Frame type L



Frame type F

CUSTOM DESIGN

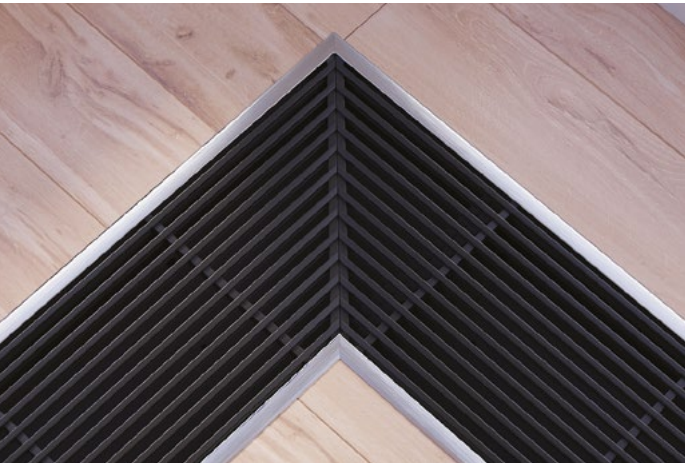


For curved trench heaters it is recommended to use roll-up grilles
and frame type L

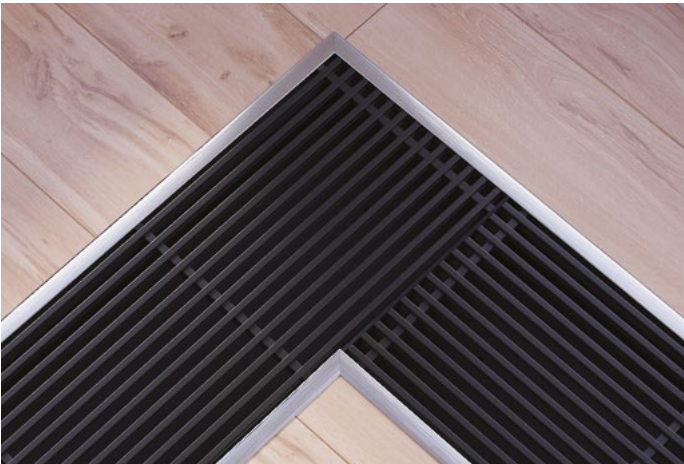


GRILLES

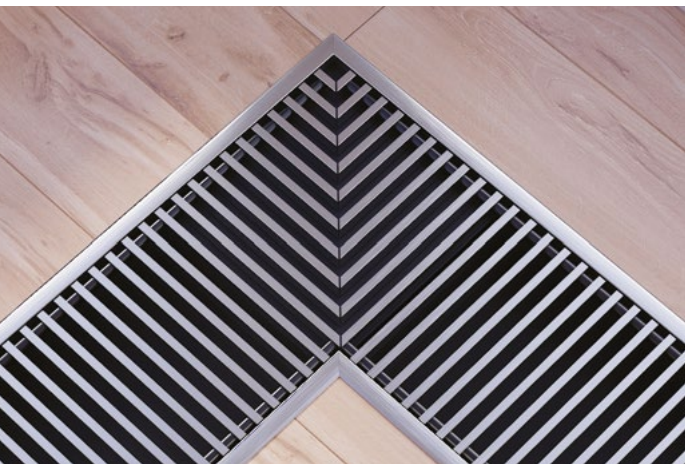
CORNER OPTIONS



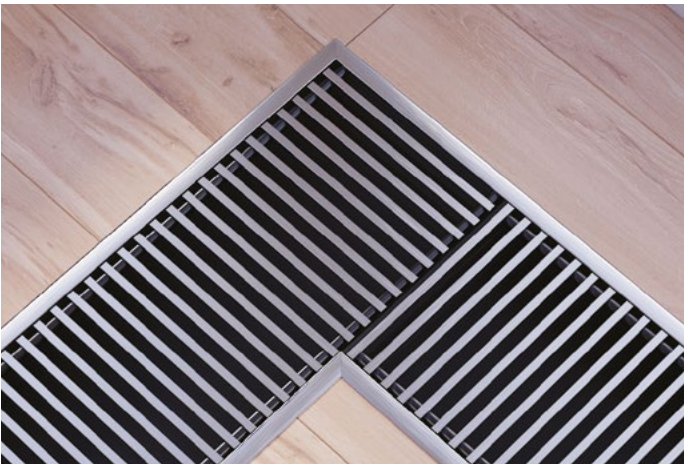
Corner trench with linear grille and F-type frame.
Herringbone grille shape.



Corner trench with linear grille and F-type frame



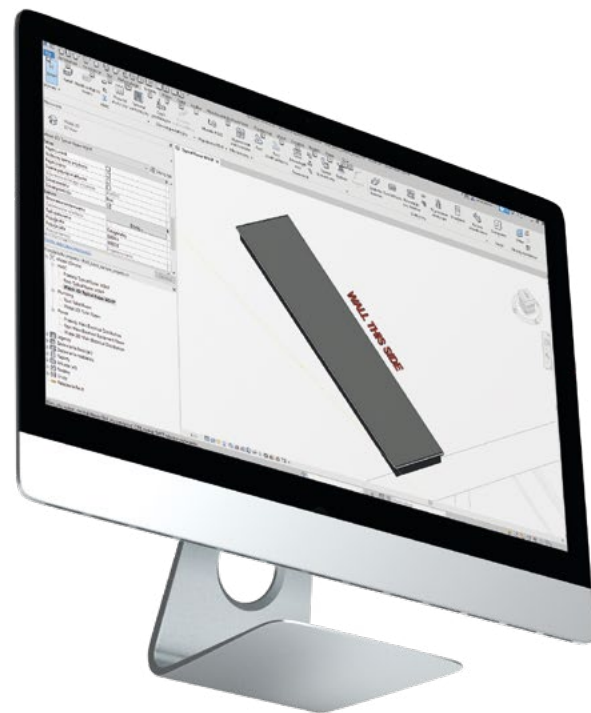
Corner trench with cross-bar grille and F-type frame.
Herringbone grille shape.



Corner trench with cross-bar grille and F-type frame.



BUILDING INFORMATION MODELING



BIM

For users convenience and to speed up the project preparation process, we provide 3D models of products that are fully ready for implementation in BIM models.

BIM VERANO models allow you to modify the dimensions of the heater, and in the case of trench heaters - we can also choose the type of grille and frame.

BIM VERANO models also provide all information about product parameters, enabling conversion of the outputs depending on the operating parameters of the installation.

Thanks to this solution, we can determine the electricity consumption for fan assisted units.



SELECTION AND DESIGN TOOLS

VERANO SELECT

We provide our customers the SELECT program for selecting VERANO products, which is available at **WWW.SELECT.VERANO-GLOBAL.COM**

Thanks to this tool, based on selected parameters, it is possible to determine a specific heater model that meets specific selection criteria.

The program allows you to create product lists and download them as a PDF or XLS file.



The InstalSystem calculation program package is intended for designing heating and sanitary installations inside buildings.

The package includes programs for:

- calculation of heat losses and seasonal energy demand,
- designing central heating and surface heating systems,
- preparation of lists and cost estimates of materials.

WENTYLE

Free application dedicated to AutoCAD/Intelli-CAD supporting drawing and calculations of ventilation systems.

The application includes databases of fan assisted heating and cooling trench units (CVK2P, CVK4P) and trench heaters (VKN5P) with fresh air inlet, as well as a database of VERANO air handling units with heat recovery.



Audytor SDG

VERANO SDG free software to download.

Audytor OZC

The Audytor OZC program is used to support the calculation of the design heat load of rooms, to determine the seasonal demand for heat energy to heat buildings and to prepare Energy Certificates of buildings and their individual parts.

Audytor C.O.

Auditor C.O. program is designed to graphically support the design of new central heating installations, as well as regulation of existing installations (e.g. in insulated buildings).

VERANO

G L O B A L

VERANO GLOBAL is a manufacturer covering European, Asian, Australian and North American markets.

VERANO products are installed in private houses, public buildings, office buildings, apartments and others.

Some of our projects can be check on:

WWW.VERANO-GLOBAL.COM



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