




**VERANO**<sup>®</sup>  
by: MDL Solutions

**TOP DESIGN  
TRENCH  
HEATING**

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The Greatest Ideas  
are  
**the Simplest**

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design

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## Trench heater

type VK15



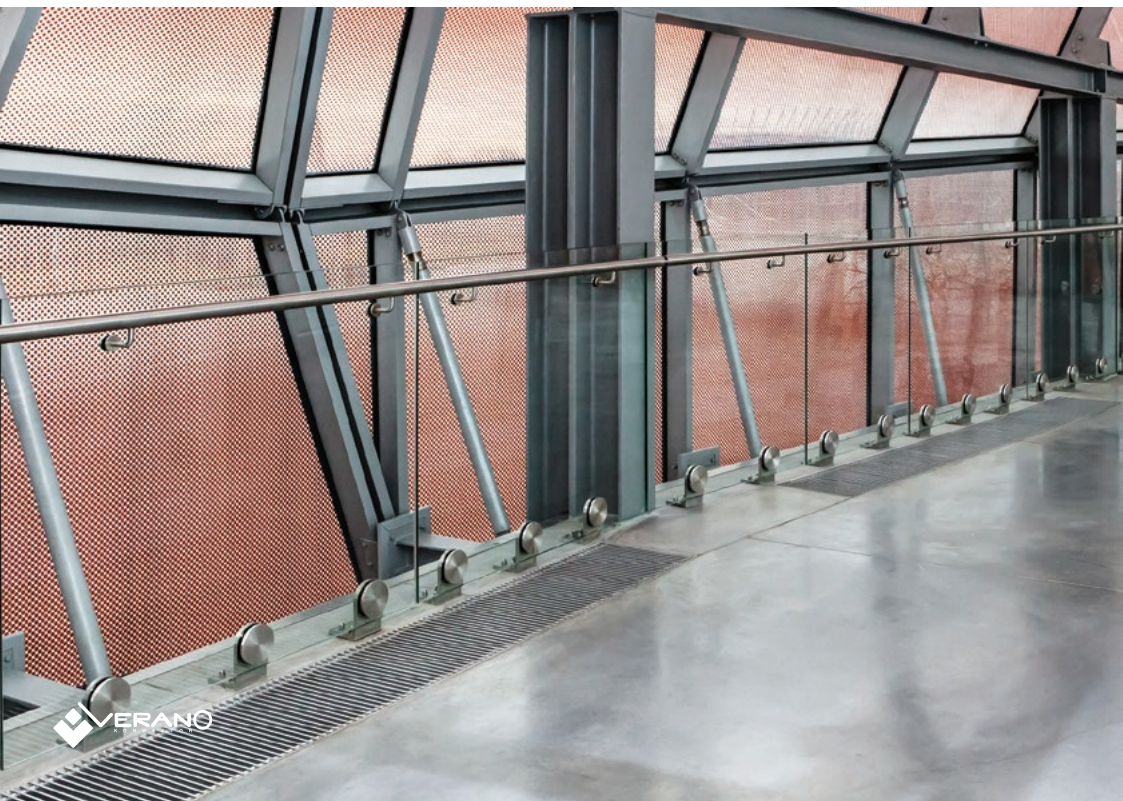
## A discrete way of heat distribution

Trench Heater Type VK15 is a perfect heating emitter, and it is the most appropriate to use in buildings full of glazed facades. Trench heating from Verano can be used as an independent heating emitter or it can orchestrate together with other heating systems. The core of the hydro-nic heating emitter is a copper – aluminium coil placed within the trench. The product is finished with the elegant grille that usually fits into ascetical and practical requirements of any modern interior design.





## Trench heater fan assisted type TURBO VKN5



### Innovative & Efficient

Innovative & Efficient Fan assisted trench heating enables fan forced convection – a natural but boosted circulation of warm and cold air in any room. We use extremely quiet and energy efficient fans in order to achieve better heat outputs from more compact units or simply boost an air circulation in the room whenever you may need it. This unit may be extremely shallow, where low water content feature coupled with 24V DC EC fan motor may ensure it is a perfect match to wet heating systems in either domestic or light commercial buildings.





# Climaconvector

type CVK2/CVKS, CVK4



## Hot & Cold

Too many glazed façades in any modern light commercial architectural building usually results in one major issue – a difficulty in compensating a cold air draught during the winter and summer months.

CVK Climaconvector, depending on design and current building requirements could do cooling and/or heating, whilst also assisting with other air handling systems by coping with condensation on large glass façades.





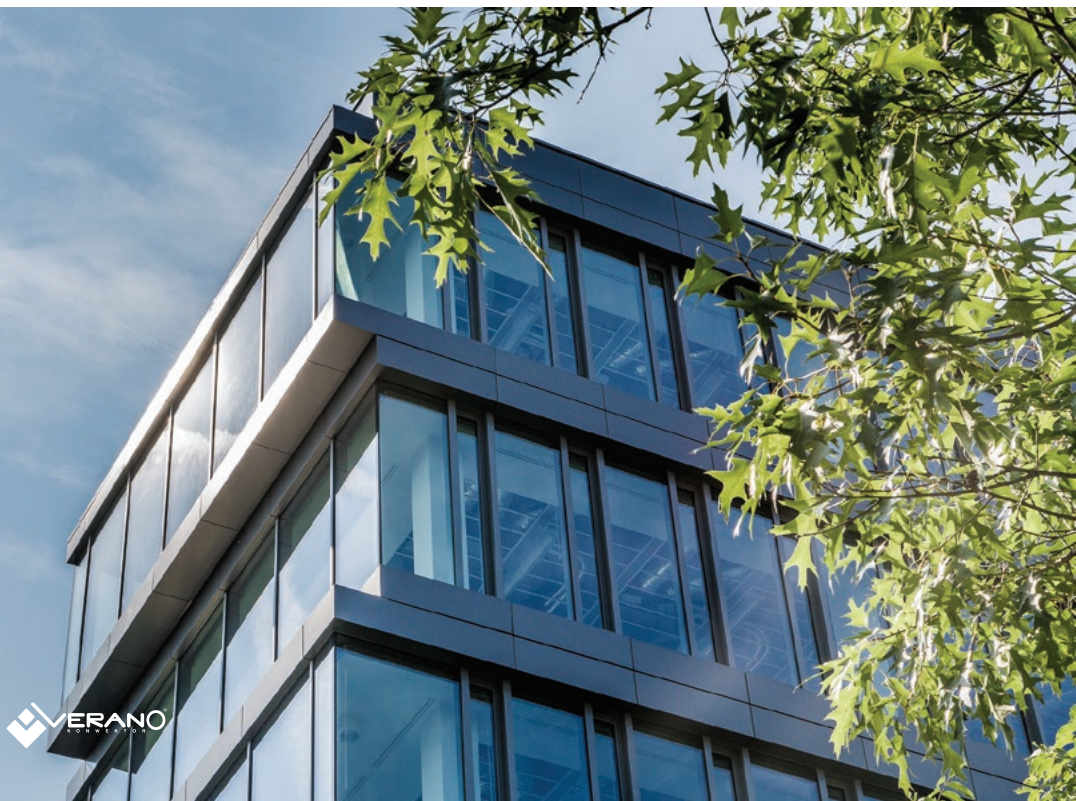
## Facade convector

typ VKF



## Functionality and discretion

Designed with functionality and discretion in mind. The most popular rooms are those with big glass areas throughout a few floors. In this kind of building an excellent solution is a facade heater. A natural convection used in facades, the heater will stop a cold mass of air falling down and blending with warm air rising up, preventing unpleasant waves of cold air. A facade heater is available in many sizes and colours, which blends in with facade borders and will heat interiors discreetly. Thanks to innovative heating technology and high quality materials used during the manufacturing process, it is the ideal heating system for a glass facility.





## Floor-mounted convector



## Simplicity and elegance

Floor-mounted convectors suit domestic and/or light commercial buildings with modern interior designs. Our Trench heating or LST radiators make this practical and possible. Aesthetic designs of floor-mounted convector external covers hides inside the coil with the same excellent efficiency as trench heating. All controls and valves are discretely concealed within the radiator casing, offering also a variety of cover colours and grill finish patterns.



Standing radiators also available wood-like veneer



## LST Wall-mounted convector



### Classic

Our range of LST wall-mounted convectors offer the same benefits from natural convection as trench heating. This concept could replace traditional panel radiators whenever you may appreciate more energy efficient low water content heating systems.

LST means “Low Surface Temperature” external covers remain cold regardless of what room temperature you may prefer. LST radiator uses the same natural convection as trench heating which means proper thermal comfort. It is usually recommended to accommodate regular trench heating due to specific building circumstances.





# Designer Convection Radiator

Deco



## Be the Artist

It is so simple to be an artist, the 'apple of our eye' the LST decorative convection heater. We leave a piece of creativity to our customers by offering superb products with an option to produce made to measure LST and decorative wall suspended heaters that will have any pattern and /or colour, or perhaps even a photograph printed out directly on a front cover of a radiator. Custom made front covers for your radiators would easily suit any interior design whilst being very easy to replace or clean.





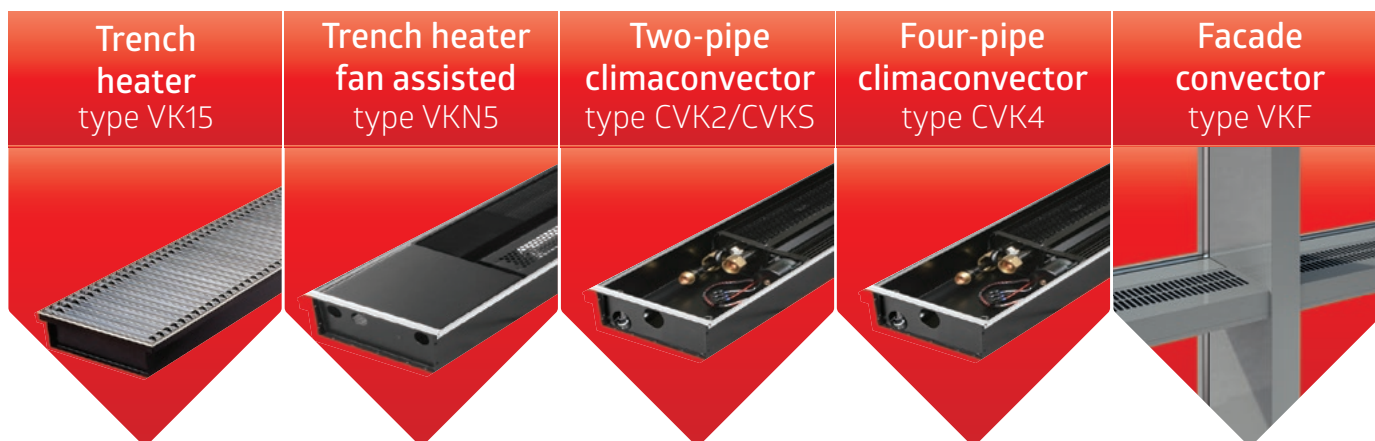
## About company

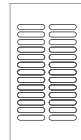
Our unique manufacturing technology is a result of long term R&D works also on the foundation of products' patent and certificates from the most reputable testing laboratories in the European Union.

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.

All products are manufactured in a very clean and modern plant, where environment and climate protection is of paramount importance.

Our low water content products may bring large energy bill savings, directly from your heating system and also would have some indirect impact on CO<sub>2</sub> emissions from the buildings.





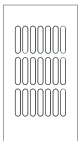
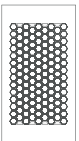
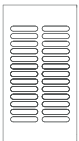
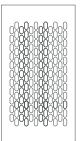


	Trench heater type VK15	Trench heater fan assisted type VKN5	Two-pipe climaconvector type CVK2/CVKS	Four-pipe climaconvector type CVK4	Facade convector type VKF
HEIGHT	7.5 / 9 / 11 / 14 25 / 35 / 54 cm	7.8 (8.4) / 9 / 12 cm	9 / 14** cm	14 cm	5,5 cm
WIDTH	20 / 25 / 29 / 38 cm	25 / 35 cm	17 / 35** cm	35 cm	12 cm
LENGTH	80 - 400 cm***	75 - 355 cm***	70 - 265 cm	95 - 285 cm	70 - 1600 cm
HEATER OUTPUT (75/65/20°C)	114 - 10342 W	559 - 14417 W	641 - 9910 W	1007 - 11567 W	349 W/m
COOLIN OUTPUT (17/19/28°C)	X	X	19 - 1728 W	100 - 1393 W	X
TOP END GRILLE TYPES	WOOD: oak, ash, beech, merbau, jatoba ALUMINIUM: natural, RAL painted, anodized STAINLESS STEEL WOOD IMITATION	WOOD: oak, ash, beech, merbau, jatoba ALUMINIUM: natural, RAL painted, anodized STAINLESS STEEL WOOD IMITATION	ALUMINIUM: natural, RAL painted, anodized STAINLESS STEEL WOOD IMITATION	ALUMINIUM: natural, RAL painted, anodized STAINLESS STEEL WOOD IMITATION	
ADDITIONAL INFORMATION	The frame „L” or „F” is optional equipment	The frame „L” or „F” is optional equipment Power: 24 V	The frame „L” or „F” is optional equipment Power: 24 V	The frame „L” or „F” is optional equipment Power: 24 V	Powder coated cover. The heaters are also available in all colours from RAL pallet

### TOP END GRILLE TYPES





Floor-mounted convector	Floor-mounted convector bench*	LST Wall-mounted convector	Designer convection radiator Deco
			
10 / 16 cm	10 / 16 cm	23 / 30 / 40 / 60 / 80 cm	23 / 30 / 40 / 60 / 80 cm
12,5 / 17,5 / 22,5 cm	12,5 / 17,5 / 22,5 cm	11,5 / 16,5 cm	11,5 / 16,5 cm
60 - 250 cm	60 - 225 cm	40 - 250 cm	40 - 250 cm
337 - 3470 W	280 - 3185 W	323 - 6170 W	323 - 6170 W
X	X	X	X
	 	 	
Standard color: White RAL 9003 Option: RAL pallet colours or Carbon Design	Standard color: White RAL 9003 Option: RAL pallet colours or Carbon Design	Standard color: White RAL 9003 Option: RAL pallet colours or Carbon Design	Standard color: White RAL 9003 Option: RAL pallet colours, Carbon Design or photo/graphics

\* Seat is not included to equipment of a bench

\*\* Current power heating and cooling - ask your sales representative

\*\*\* Heaters can be manufactured in any size. At lengths longer than 400 cm (combined units)

## Ecological thinking!

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.

# TOP DESIGN TRENCH HEATING





By: MDL Solutions

## TOP DESIGN TRENCH HEATING

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The manufacturer reserves the right to make changes to the design, color and specification.  
Illustrations may include optional accessories. Printing technology can affect the differences in the forward colors.  
Please contact to your local sales agent for the newest information of Verano products.