

# Innovative water and heating installations



SYSTEM **KAN-therm**

Comprehensive solutions for single-family homes

Highest quality and safety

EN 2018

TECHNOLOGY OF SUCCESS



ISO 9001



## About KAN

### Innovative water and heating installations

**KAN is a recognised in Europe Polish manufacturer of the KAN-therm system - the most modern system for indoor water, central heating, floor heating, extinguishing and technological installations.**

We owe our current leading position to acting based on four strong pillars: uncompromised quality, innovative solutions, many years of experience and professionalism noticeable at all stages.

The continuous development of the KAN-therm System is a part of our philosophy - we make all effort to offer our users a product at the highest technical level, meeting all expectations related to it, providing comfort of use and perfect functioning of the installation and, thus, the feeling of complete safety. Bearing in mind health of the users, we provide highest quality products, produced and used without any conflict with the natural environment, friendly in relation to people and surrounding.

**System KAN-therm** features a perfect implementation of the vision of a universal system, backed by many years of experience and passion of KAN constructors as well as strict quality control of materials and the end products. Therefore, the KAN-therm system remains the unchallenged leader among the installation systems in Poland and is increasingly popular abroad. Products designated with the KAN-therm mark are exported to almost 60 countries of Europe, Asia and Africa.



**SYSTEM KAN-therm**  
- special award:  
**Pearl of the highest quality**  
and:  
**Golden Quality International Medal**  
2015, 2014 i 2013.

TECHNOLOGY OF SUCCESS







## You don't have to remember about our products – they simply work.

**Discretely concealed in walls, floors or hidden behind skirting, they serve the residents every day, transporting litres of hot and cold water.**

The KAN-therm system is a response to all installation needs, offering comprehensive and optimal solutions for any investment. In addition, we offer professional technical support at all installation performance stages. The KAN-therm system involves high quality pipes as well as universal and reliable connection system. The connection technology and fittings design ensure fast assembly and guarantee many years of failure-free operation.

Installations made in the KAN-therm system are invisible and the uncompromised quality ensures full safety of use of the installations hidden in walls, floors or skirting. This allows designers and architects freedom in interior arrangement and the users are provided with comfort and aesthetics of arranged interiors.

### **KAN therm System means:**

- Top quality confirmed by laboratory tests and international certificates
- Comprehensive offer, widest on the market, providing solutions for every investment
- Guarantee of long-term and trouble-free operation secured with a policy for EUR 7,000,000
- Partnerships, the pursuit of full customer satisfaction, and openness to your needs
- Professional support from technical, design and sales departments at every stage of the project
- Dense distribution network and efficient service



**What is essential is invisible to the eye.**

*Antoine de Saint-Exupéry, "The Little Prince"*



H<sub>2</sub>O

## Hot and cold water installations

The KAN-therm installation systems are an ideal solutions for performance of indoor water installations, guaranteeing the highest quality of hot and cold potable water.

Installations performed in the KAN-therm System involve, first and foremost:

- Highest quality and reliability - up to 15 years long warranty period
- Over 50-years long service life, confirmed by multiple international tests
- Materials fully neutral in relation to potable water, controlled by the European research institutes
- High microbiological resistance
- Elimination of scaling
- Quiet operation of the installation - without vibrations
- Fast, clean and reliable assembly performed by qualified, authorised installers / contractors

Due to the modern assembly methods, the KAN-therm System prove themselves well during renovations and replacement of old, corroded water installations in occupied buildings.



1. System KAN-therm  
Push Platinum

## Heating and cooling installations

For the purpose of water heating or cooling installations, KAN-therm System offers a number of comprehensive installation systems, pipes and connectors differing in terms of material, structure and connection. Due to the great variety of solutions, it is possible to make any heating or cooling installation.

### The KAN-therm Systems in installations include:

- A broad range of installation and material solutions
- Professional technical advising at any stage of the investment
- Ease and safety of assembly of a new aesthetic installation in case of renovations
- Attractive prices with highest quality of components
- High aesthetics of proposed solutions
- Possibility of transport of various heating and cooling media



2. System KAN-therm Press

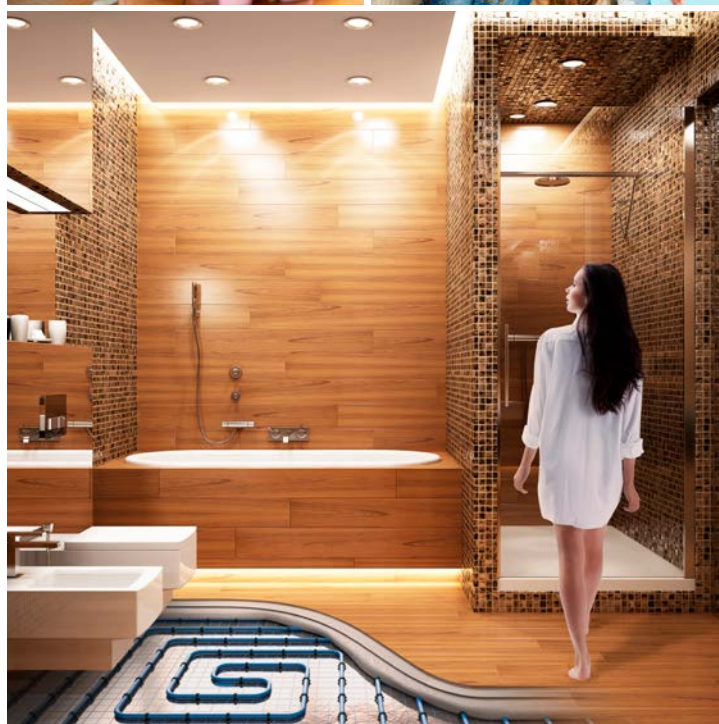
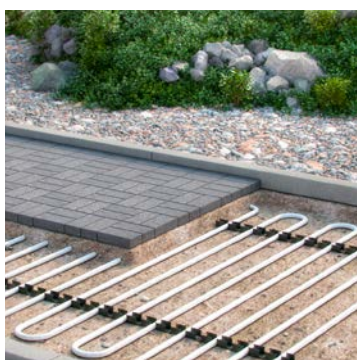


## Radiant heating and cooling installations

The KAN company has been promoting innovative, energy efficient and, most importantly, user friendly floor and wall heating and cooling installations for many years. The broad range of available solutions and the rich assortment of manifolds, installation cabinets and automatics elements provides possibility of selection of the best installation optimally adjusted to the specificity of the given investment.

**The floor and wall heating or cooling in the KAN-therm system is:**

- High quality and reliability - up to 10 years long warranty period and 50 years long service life
- Full safety of use resulting from strict quality control and detailed laboratory tests
- Sensation of full comfort in the entire room
- Installations friendly to persons suffering from allergies due to elimination of dust floating
- Fully concealed installations ensuring freedom in interior decor
- Substantial savings due to application of low temperature heat sources (heating pumps, condensation boilers)
- Possibility of easy temperature control from any place in the world due to intelligent control automatics connected to the Internet
- Broad selection of solutions optimally adjusted to the building specifics, also for unoccupied buildings and outdoors
- Professional technical advisory at any stage of the investment





## Intelligent, wireless automatics, controlling the floor heating

The KAN-therm SMART System is a comprehensive modern room temperature control system that provides user with possibility of operation from any place on Earth due to its connection with the Internet - by means of a laptop, tablet or smartphone.

KAN-therm SMART provides the possibility of wireless control and regulation of temperature and other parameters having a significant impact on the thermal comfort in the given room. The exceptionally intuitive system features also a number of additional functions which make the functioning and operation of heating and cooling effective, but also efficient in terms of energy.

### The KAN-therm SMART control automatics involve:

- Control and change of temperature parameters in the house from any place on Earth - fully on-line
- Comfort of use by means of simple dedicated application for computers, tablets or smartphones
- Uniformity of the system which covers both heating and cooling
- Compatibility allowing to connect KAN-therm SMART to other building management and supervision systems as well as to alternative external devices (such as, for example, burglary alarms)
- Savings resulting from the "learning" process of the system in relation to the building specificity and temporary temperature decrease (even up to 20% of thermal energy savings)
- Ecological solution, using energy saving subassemblies and a special system of control and adjustment of the radio signal power



3. KAN-therm SMART automatics.



## Installations - an element one should not save money on

When commencing construction of one's own house, very few persons pay attention to the quality of systems hidden in walls and floors. We focus mainly on what is visible and what we can touch - final finishing elements. We are mistaken that what we cannot see is not important and we can save a little bit on it.

**This regards mainly water and heating installations. Since we have a limited budget, we are forced to seek compromises allowing for cost reduction. This, however, does not mean that we should choose cheaper installation materials. Moreover, in the end this mistake can cost us a lot!**

### Why is it worth using tested and reliable installation systems?

- The cost of proper installation accounts usually for only 2% of the entire investment value, therefore such amounts should not be considered as a burden that we have to reduce.
- Due to the relatively low cost of installation (as compared to other expenses), it is worth to look for savings in a different area - choosing cheaper materials we do not gain much, but we have a lot to lose.
- Statistically, one poorly spent EURO for installation materials generates up to EURO 5 additional costs in the near future (resulting from the need to remove failures or from highest costs of everyday use).
- In case of use of installation components with improper quality or in case of their failure, removal of damage caused by water (moisture, structure repair, renovation of floors and walls, etc.) can account for up to 70% of the investment.
- It is much easier to change, for example, the glaze, appliances or furniture after some time than to change the installations concealed in the walls. **While on limited budget, it is therefore worth investing in high quality basic elements**, and only then get down to the interior equipment.

The price difference between 1 m of the cheapest pipe and the good quality pipe is ONLY ca. 12 euro cent!  
Assuming a 100 m<sup>2</sup> floor heating area, we obtain SAVINGS at the level of ONLY EURO 60!



The costs and comfort connected with finding and removal of the failure are incomparably higher.





## Distinctions and awards

The KAN-therm system, due to its innovativeness, originality and high quality, is constantly awarded with prestigious distinctions and obtains approvals of the top independent western certification units.

### 1. POLAND NOW

for the KAN-therm Push Platinum System '16  
for the KAN-therm Press LBP System '14  
for the best Polish product '99

### 2. GOLD INSTALLER

for development and implementation  
KAN-therm Push Platinum System '12  
for development and implementation  
KAN-therm Press LBP System '11  
for training of specialists '08  
for development and implementation  
of PPSU synthetic connectors of the  
KAN-therm System '02  
for training of specialists '99  
for development and implementation  
of the KAN-therm System '97

### 3. PEARL OF THE HIGHEST QUALITY

for the KAN-therm System '15

### 4. GOLD EMBLEM OF QUALITY INTERNATIONAL

for the KAN-therm System  
– highest quality product '15, '14, '13

### 5. SYSTEM OF THE YEAR

in the „Pipes category” according  
to the readers of the industry magazine  
„Systemy Instalacyjne”  
for the KAN-therm Push System '16  
for the KAN-therm Blue Floor System '13  
for the KAN-therm Press LBP System '11

### 6. MTP GOLD MEDAL

for the KAN-therm Press System '06  
for PPSU synthetic connectors  
of the KAN-therm System '02



## Quality under control

Production of the KAN-therm System is conducted under strict supervision of Quality Control in the factories fitted with modern equipment according to the highest quality and technology standards.

Production process as well as entire operation of the company is controlled by the quality management system, ISO 9001, with a certificate issued by the recognised institution Lloyd's Register Quality Assurance Limited.

The innovative and professional instruments that constitute the basic equipment of our own scientific and research laboratory, allows for continuous monitoring of the production processes and testing of quality of produced components of the KAN-therm System. The test results are accepted by the top certifying bodies in Europe such as KIWA, KOMO, DVGW, SKZ, CSTB. The manufactured pipes and fittings also undergo control in external laboratories which ensures continuous maintenance of product quality at the highest international level.

The KAN-therm System products have approvals of the most important western certification units.



The modern equipment of the KAN laboratory allows for quality control of the components at all stages of their production, starting from raw materials to the end products.





## **Necessary certificates, long-term warranty**

**The KAN-therm System products possess attestations, approvals and certificates which means that they are fully neutral and water passing through them meets all hygienic requirements. Each product offered by us has a declaration of conformity regarding the relevant standard or a technical approval which serve as reference documents.**

Our technologies have been tested in details, to ensure that the potable water circulating in our installations meets all hygienic requirements. Therefore, preparing a meal, your safety is always guaranteed.

The material warranty covering a period up to 10 years (up to 15 years for the Push Platinum System) is a confirmation of high quality and durability of the KAN-therm System components. Use of only original KAN-therm System components in the installations provides certainty of correctly performed connections, safety and durability as well as guarantee of many years of failure-free operation of the installation.

**The KAN-therm system is insured for the amount of EUR 7,000,000, which ensures settlement of any potential claims arising from the terms and conditions of the warranty.**

## **The widest offer on the market, high standards of quality and cooperation**

**KAN is the undisputed leader in the water, cooling and heating systems industry. We have a huge production potential, a dense distribution network and an ISO 9001 quality management system. For over 25 years our company has been constantly taking care of the highest quality of its products, developing its offer and expanding its sales markets.**

Our goal is to pursue the full satisfaction of our customers and users of our products. We care about partner relations and therefore we constantly develop our tools, which help developer companies grow in both the residential and commercial construction segments. At every stage of the investment, we provide professional assistance. Thanks to the widest offer on the market, we can offer comprehensive solutions tailored to all segments of the construction industry.

## **Professional technical support, dense distribution network**

**Pursuing full customer satisfaction and taking care of the continuous development of the KAN-therm System, KAN offers not only excellent product quality but also a very high standard of sales service and professional technical support.**

**We help at every stage of the investment process:**

- In designing the installation, developing professional software, offering constant cooperation with designers, and organizing training
- With selecting the right KAN-therm System, taking into account the specificity of a given investment
- Through contacts with the sales department, technical consultants and the technical department
- Providing excellent service from the customer service department, short times of order execution, professional preparation of goods in shipment, on-time deliveries and efficient execution of orders

**Our products are available all over the world in the largest sales networks and in small shops with sanitary, heating and installation products.**



# Implementations

Installations made in the KAN-therm System have been operating without failures for more than 25 years in the largest residential estates, public utility buildings, detached houses, sport and recreation facilities as well as industrial shops and factories.

The KAN-therm System is a perfect solution, both for new investments as well as renovated buildings, backed by many years of experience and passion of KAN constructors, strict quality control of materials and the end products as well as knowledge based on research of the installation market needs, according to the requirements of sustainable construction.

The best proof of KAN-therm System top quality are multiple implementations in various construction sectors.

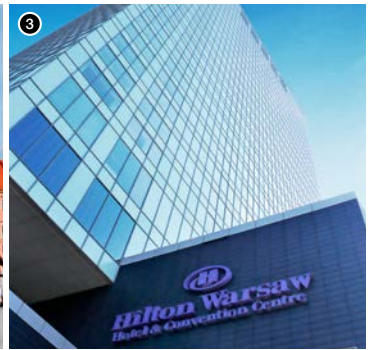
- 1. National Stadium - Warsaw, Poland.  
System **KAN-therm Inox**  
System **KAN-therm Push**  
System **KAN-therm PP**



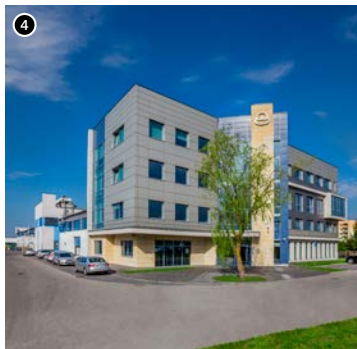
- 2. The Royal Palace - Warsaw, Poland.  
System **KAN-therm Inox**



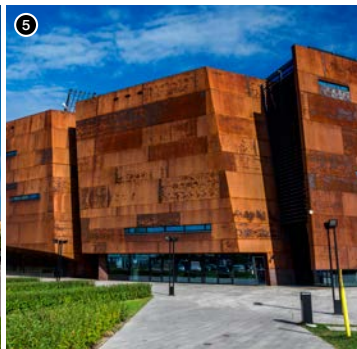
- 3. Hilton Hotel - Warsaw, Poland.  
System **KAN-therm Push**  
System **KAN-therm Inox**



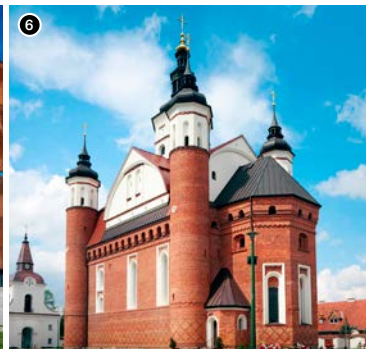
- 4. KAN Headquarters - Bialystok, Poland.  
System **KAN-therm Push Platinum**  
**Smart automatics**  
**Floor heating**



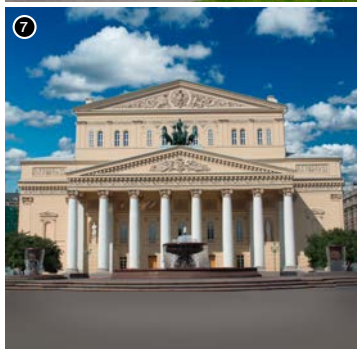
- 5. European Solidarity Centre - Gdansk, Poland.  
System **KAN-therm Steel**



- 6. Saint Virgin Mary Annunciation Monastery - Supraśl, Poland.  
System **KAN-therm Push Platinum**



- 7. Bolshoi Theater - Moscow, Russia.  
System **KAN-therm Inox**



- 8. Old Trafford, Manchester United stadium - Manchester, England.  
foto © Tom Jeffs.



- System **KAN-therm Steel**

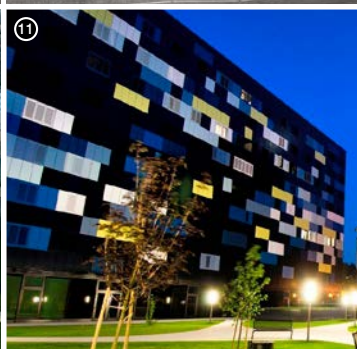
- 9. Car showroom Porsche, Niederrhein - Moers, Germany.  
foto © www.porsche-moers.de  
System **KAN-therm Press**



- 10. Modern hospital complex - Glasgow, Scotland.  
System **KAN-therm Inox**



- 11. Housing estate - Zagreb, Croatia.  
System **KAN-therm Press**
















## SYSTEM **KAN-therm**

Optimal, complete multipurpose installation system consisting of state of the art, mutually complementary technical solutions for pipe water distribution installations, heating installations, as well as technological and fire extinguishing installations.

It is the materialization of a vision of a universal system, the fruit of extensive experience, the passion of KAN's constructors, strict quality control of our materials and final products, and vast knowledge of the market of installations to meet the requirements of energy efficient, sustainable construction.

	Push Platinum	
	Push	
	Press LBP	
	PP	
	Steel	
	Inox	
	Sprinkler	
	Underfloor heating and automation	
	Football Stadium installations	
	Cabinets and manifolds	



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