



# HEATING ART

Martin Lewicki, CEO, discusses ArtisHeat and how he became inspired by nature to start creating heating art

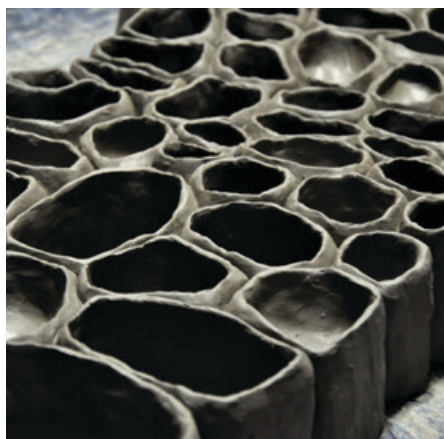


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## CAN YOU TELL US MORE ABOUT THE HISTORY OF ARTISHEAT?

I was always admiring the beauty of nature, and this is an element I really love in interior design. It happened in 2019 when I was visiting my family. I am a person who generally likes not so high temperatures, but during that wintertime day it was very hot in the room, because the heaters were turned on. I started to stare at the thick tree branch decoration hung on the wall on the right side of one of these old white heaters, and suddenly the thought hit my mind – I started to imagine this beautiful wall decoration heating the room instead of the ugly radiator close to it.

Since that day, it took around one week to settle the approach and establish the first way of testing the new processing method to obtain heaters, which could be made in any shape, so the Design of Experiment phase was aiming to



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establish the first prototype with an irregular shape. After the first tests, the result was amazing – the obtained shape was heating as planned and the technological process was fully feasible. I quickly realised the resin I used had to be tougher, and this is the step which took the longest in the whole development. Even though I have a chemical background, I tested over 20 types of different resins to finally find the compound, which is appropriate for creating the heaters in any shape, in wide variety of colours, being resistant to temperature, humidity, water and other environmental conditions, and being processable in a way I started to think about it at the beginning.

## WHAT MOTIVATED YOU TO START A COMPANY THAT MAKES HEATING ART?

Artisheat was born from a fusion of two observations, that interiors need decoration as well as heating systems.

The biggest motivation is in the challenging work with the art. Art itself is an amazing phenomenon – an outstanding attraction made by human hands, something that brings joy to the eye. When we are making heaters, spending time thinking and brainstorming how to make new fantastic shapes alive, it gives me even more engineering happiness. This was always my attitude, to face new challenges that life raises.

## HOW DO ARTISHEAT HEATING SYSTEMS WORK?

Technically, ArtisHeat works in the same way as other heaters. We have both versions available which can be adapted for hot water circuit systems as well as electric ones. Nevertheless, what we promote and recommend, is the second option, as the electric system is more efficient and environmentally friendly, especially if ran by renewable energy. Energy conversion here is almost one-to-one, where for water installations there are always some energy losses.

However, there is something that differs ArtisHeat from other heaters. We use special epoxy resin with polymeric additives, so there are three practical consequences related to this. First, is the visual aspect – thanks to this system we can obtain many coloristic versions of the product, with different surface finishes (glossy, matte, semi-matte) and we can create a product with a really



amazing glow-in-the-dark effect. Second, is that from a thermal point of view, ArtisHeat needs some minutes to be fully hot on the surface, but after you turn it off, the heat capacity of the resin system allows it to be warm longer and release heat for a longer time than standard heaters. The effect can be compared to the heating of a rock - as it needs time to warm up and also needs time to release the collected heat after sun stops shining in the evening. And the last thing is that we create a system which is very robust from a mechanical point of view, and that means that the heaters have a very hard surface and are resistant to damage.

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What is also worth mentioning is that our heaters can be controlled by a smartphone. You can set up a whole plan of when it should be turned on and off or you can just remotely click an icon in the app to turn it on when you are coming back home and want to heat up the bathroom before having a shower to hang a towel on it afterwards.

### WHAT IS THE PROCESS FOR GETTING AN ARTISHEAT ORIGINAL HEATING SYSTEM?

The process is very simple. But let's start with the most difficult part. It is still sometimes unbelievable for some people that they can have any heater shape they want, so if you have any idea of how your heater should look like, whether it is 3-meters high horse in gallop, your favourite dog, car, a tree branch, or any other abstract shape you can imagine, we will make it for you.

Currently all of the artwork and sculptures are prepared by our sculptor. She has graduated Academy of Fine Arts in Gdansk, Poland. With successes in creating metal art, stained glass, woodcarving and graphic design, this young lady's work is impressing everybody's eyes. When we started to discuss potential cooperation, she was full of positive energy, and she was the first person who really believed in the great success of ArtisHeat so strongly. ➔



But let's come back to the main question. Let's say that customer is coming up with an idea of the shape. Then the Sculptor prepares the sketch. We also assess the heating needs and purpose of the heater – in many spaces today we have floor heating, but in the bathroom, people are still using the electric dryers – simple, standard, trite shape. Here of course is the showtime for ArtisHeat. Technically we can assess how much power is needed to heat the whole interior volume or just to work as an electric dryer for clothes or towels. It all needs technical and practical solution behind the art. This is the part for the engineer. But then we are coming back to the art, when after approving the sketch, could be after some comments and remarks applied on it in several versions provided to the customer, after final approval of the shape, colours, size, and other parameters, we make an individual price estimation. For every specific shape we calculate this

separately. And in general, the energetical audit and concept creation are free steps available for everybody. Customer pays only for the heater, after making a decision of ordering. After that we usually make the heater in 2-3 months, sometimes it can be longer, sometimes shorter – it all depends on project and our load with current realisations on the table.

### WHAT IS THE ADVANTAGE OF AN ARTISHEAT SYSTEM, COMPARED TO A REGULAR RADIATOR?

The main advantage is that it can be made in any shape. From whole range of decorative heaters assortment commercially available you will find only fixed shapes, which are under mass production. We say: tell us about your idea or concept how your heater should look like, and we will handmade it for you. Another small thing is that most of the heaters are painted. We do not paint our heaters, and colour is introduced as an

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integral part of the resin system. And we really promote to your dream heater to use special pearlescent colours. We have many of this type of pigments to make the ArtisHeat look very luxurious and sumptuous. Moreover, I think that quite unique and impressive feature is the glow-in-the-dark effect available in several colours. Interesting is that even if you order heater in dark colours, it still can be glow in the dark in white, green, red, blue or other colours. There are so many options and possibilities here, so the more questions customers raise, the more amazing a heater can be made.

### HOW DO ARTISHEAT SYSTEMS IMPROVE THE CUSTOMER EXPERIENCE, IN TERMS OF THE UNIQUE STYLE AND DESIGN, AS WELL AS EASE OF INSTALLATION?

I will start with installation – the assembly of the heater is extremely simple. You just need to drill few holes in your wall and the hangers are easy to be installed like any wall-hanged decoration or shelf systems. Of course you can also order the standing version of ArtisHeat and then you do not need to do anything, just unpack and connect to an electric socket and move your heater from place to place as you wish.

When it comes to the style and design, the customer gets what they want. Every project is unique and gives also unique feeling when you can see the decorative shape on your wall instead of boring generation of popular radiators. **sh**





# Unlimited in shape

Your dreamed heater

**Any form you desire**

Made from passion

Innovative

**Unique**

Glow-in-the-dark

Variety of pearlescent

**State-of-the-art**



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