Infrared glass panel heaters

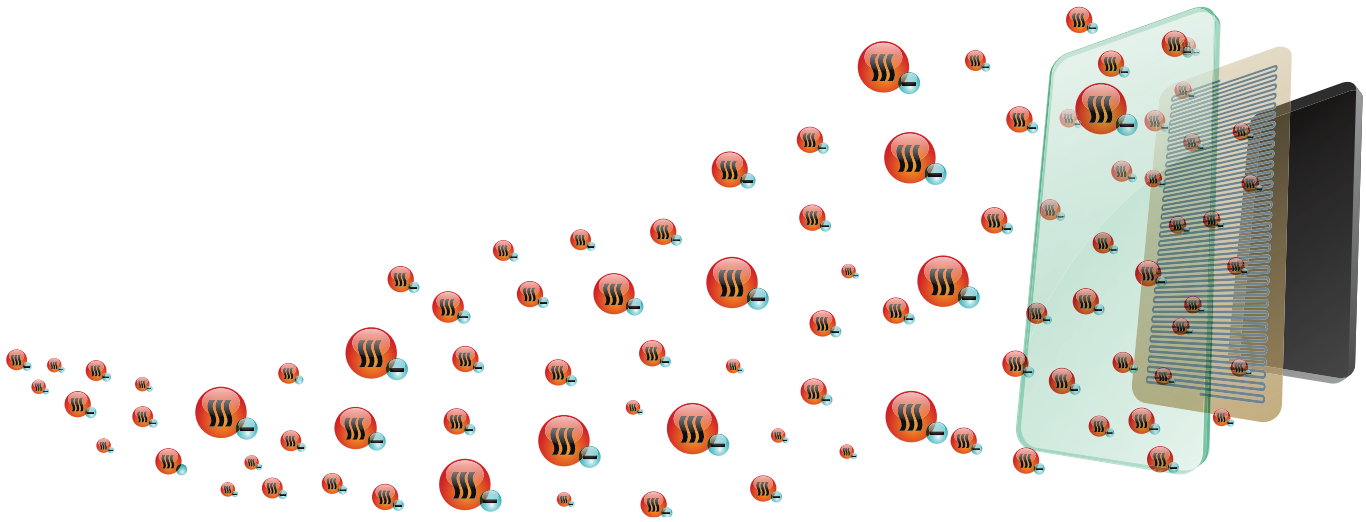
Infrared rays

Long-wavelength infrared rays penetrate deeply into our skin – similar to the rays of the sun – and warm us up. This heating method can help to reduce germs and primarily leads to an accelerated blood circulation and, thus, to an improved cell regeneration. Furthermore, the long-wavelength infrared rays contribute to putting the protein molecules into motion due to the contact of the long-wavelength infrared rays with the protein cells, which then results in an improvement of the physiological functions.

Further positive effects on your health are:
– Eases muscle cramps
– Reliefs pain
– Reduces stress and exhaustion
– Removes toxins and mineral waste

Dual Ag+ technology

The system works the following way: The rays in the long-wavelength infrared range on the glass surface are created by silver ions, and the glass itself is completely heated as a natural result of the molecular vibration of the silver molecules. Dual Ag+ heat generators convert the electrical energy into heat at a rate of 99.9 % without generating visible light, which is therefore more efficient. The heaters are warmed with the help of the Dual Ag+ technology, which heats both, objects and surrounding area, evenly. Surfaces, walls, objects and people exposed to FIR rays are warmed directly.



We reserve the right to modify the price, the design and the technical features

Armin Schmid | Olensbachstrasse 9–15 | CH-9631 Ulisbach | www.armin-schmid.ch | verkauf@armin-schmid.ch

Isothermal space heating

Conduction of heat
If there is an object in a hot area, it creates a thermal flux towards the colder object. The resulting power keeps the current up until the temperature difference of both objects is equalized.

Convection
Hot air flows from the heated objects; as soon as this process begins, it sets off a chain reaction between all the objects. This leads to a continuous rise and fall of the temperature. The process goes on until a uniform temperature is reached.

Heating technology just like in nature

The exclusive materials silver and carbon on the glass are the heart of our glass panel heaters. Silver is the basis of our heating generators: No further visible resistors are used. This application makes the heater become an environment-conscious and eco-friendly heating technology. The main principle already exists in nature and imitates our natural source of heat – the sun. Once the surface temperature is reached, the energy input is reduced to a minimum. With this technology, you not only heat the air, but also objects, bodies and the surrounding area in a homogeneous way. Another advantage is the fact that the thermal waves do not only heat in one direction but the radiated objects emit heat in different directions.

Advantages



Energy and the environment
We are very concerned about the environment! For this reason, when producing our glass panel heaters, we pay special attention to using basically 100 % recycled glass for our production. This material does neither harm the environment nor the human health. You can save up to 40 % electricity.



IPX4: Splash water protection
The IPX-protection class is a security feature and control mechanism for the safety of electronic devices, which could be exposed to humidity and water.



Easy cleaning
As there are Ag+ generators used to warm up the heating circuits and no fat, oil or particles are burnt, the glass surface can easily be cleaned with a cloth. Since dust decreases the efficiency of the heater, the devices should be dusted off after use. It is sufficient to simply dust the outer casing.



Use
– Living room, bathroom and sanitary facilities
– Reception and reception area
– Workshops, caravans and boats

We reserve the right to modify the price, the design and the technical features