



*Heats
like the sun!*



Gossmann

Infrared heaters

The innovative heating concept
for a comfortable living climate

- Marble heaters
- Glass heaters
- Mirror heaters
- Infrared all-rounders

2 | One principle – a thousand possibilities

Possible applications:

- New building
- Old building
- Conversion
- Loft conversion
- Practice
- Studio
- Business premises
- Holiday home
- Kitchen
- Bathroom
- Bedroom
- Children's bedroom
- Work room
- Cellar
- Drying room
- Swimming pool
- Office
- Hobby room



Everything speaks in favour of infrared heaters.

Infrared heaters utilise infrared heat rays to provide for efficient, even heat distribution and can be used in all areas quickly and uncomplicatedly. Whether constructing a new building or modernising an old building, renovating a single room or several rooms, electric infrared radiators – like the infrared heater – have the lowest investment and operating costs in comparison with every other heating system.

Optimum air humidity and maximum freedom from dust make the infrared heater a healthy alternative to conventional heating systems, especially for people who suffer from allergies and asthma.

The installation of the infrared heaters is fast and uncomplicated. If night storage heaters are being replaced, all connections and controllers can be retained.

Savings in the construction of new buildings:

- No fuel oil tank, no pipes, no heating plant room, no maintenance
- Low procurement costs
- Economical consumption
- Installation is child's play

Savings in renovation:

- Conversion in 60 minutes per unit
- Additional power cable not usually required
- Ideal for subsequent extensions and conversions

Elegant design:

- Suitable for all rooms
- Space-saving, decorative, classy
- Easy to care for (no rust, no painting, no dust)

Cost-saving:

- A thermal calculation is carried out precisely for your property; we advise you individually
- Heats maintenance-free and saves both installation and consumption costs
- At last – an inexpensive and cost-saving alternative: throw those night storage heaters out



Your benefits:

- 30 years on the market
- 5-year product guarantee
- Maintenance-free
- TÜV certified



Up to 50% lower investment costs

Innovative, cost-saving and environmentally-friendly heating.

Healthy and even: The infrared heat rays



Conventional convection heaters (oil and gas heating, heat pump, underfloor heating, night storage) generate warm air, which usually rises uselessly upward. The resulting temperature differences whirl up dust, bacteria and mites. This warm, moist, dusty air can lead to the growth of mould, thus representing a health risk.

Infrared heaters, conversely, generate infrared heat rays, which are given off evenly and virtually without loss to people, objects and surfaces. This mild infrared heat resembles the warmth of the sun and thus creates a pleasant, comfortable room climate with optimum humidity – with low air circulation.

In comparison to simple air heating, infrared heat is more comforting and physiologically more natural. The humidity is always ideal and the walls are heated by infrared energy.

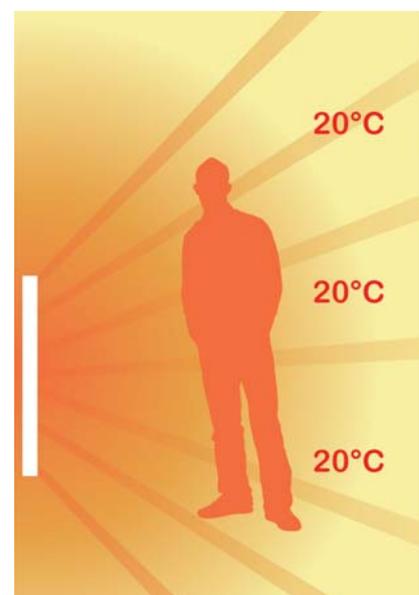
It was medically proven many years ago that high flow rates in the room – caused by conventional heating systems – can have negative effects on blood pressure. The increase in the blood circulation by infrared heat improves the supply of oxygen and important nutrients to the body and can assist in stabilising the blood pressure.

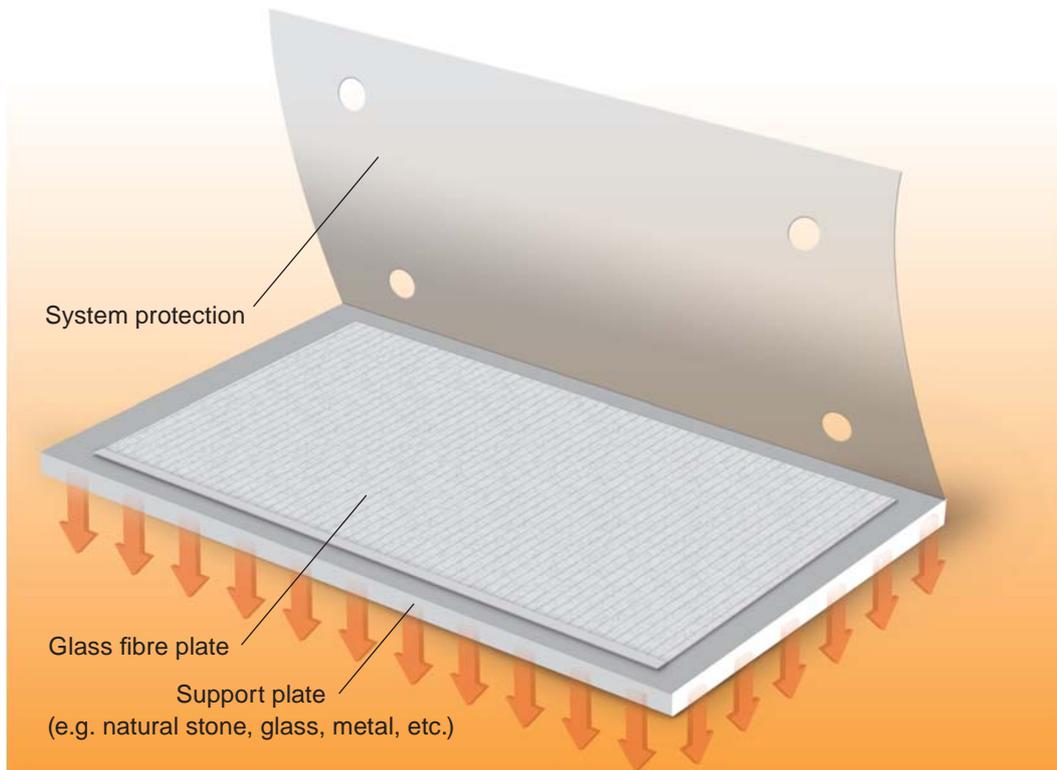
The infrared heat rays activate the body's cells and blood circulation and can help in this way to considerably alleviate the symptoms of muscle tension, skin diseases and rheumatism.

Infrared heat is helpful for:

- Arthritis
- Allergies
- Asthma
- High blood pressure
- Blood circulation disorders
- Vascular diseases
- Skin diseases
- Rheumatism

Right: Classic convection heaters compared with our infrared heater





Functional principle: the heat distributes itself very evenly through the fine conductors on the heating plate.

Functional principle and technology

Optimised functional principle, maximum efficiency

The latest development is based on an almost indestructible glass fibre plate from aerospace engineering. Hence, the functional principle is optimised in such a way that with only about 850 Watts consumed power at least the same effect is achieved as with about 1200 Watts using conventional technology.

The advantage of an energy-saving infrared heater: unlike convection heating, it does not have to heat up and circulate the air, but warms people, objects and surfaces directly by means of infrared radiant heat. Demand-based temperature control by means of room thermostats enables time-independent heating; therefore electricity is only used when heat is actually required.

Advantages of the wireless regulation and control technology for infrared electric heaters:

- Energy-saving setback temperature is programmable for various time periods
- Individual timer programming of the comfort temperature
- Minimum wiring costs
- Electronic radio control and programming of **several** infrared radiators



That pays for itself. Compare for yourself.

We advise you individually!

A local technical advisor is at your service to **calculate your personal heat and energy requirement** and to determine the extent of your investment and expected operating costs. Using your figures he will also present you with comparative calculations with other operating systems.

The fluctuations in energy prices in recent years, in particular the price increases due to the scarcity of resources, make a figure-based example calculation of the economy of different heating systems difficult. What could still be proven yesterday will already be outdated today. Apart from that, individual parameters such as the size of the rooms, insulation of the building and the heating system equipment bring along further measured values.

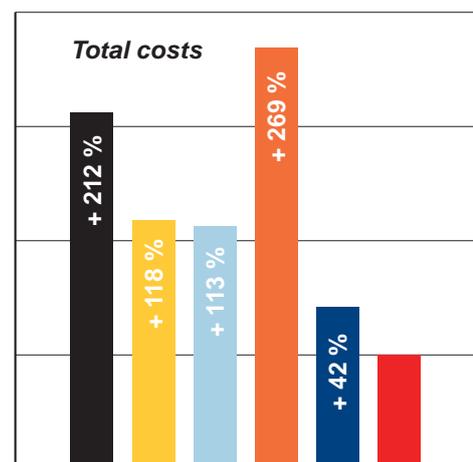
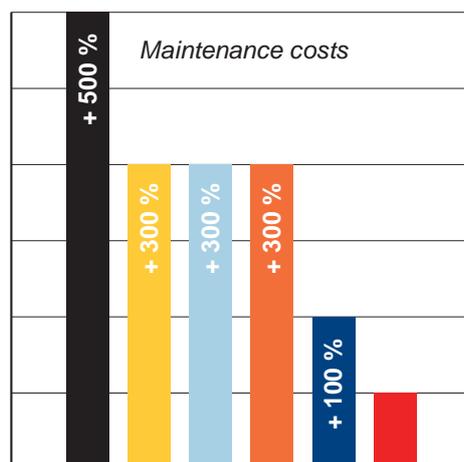
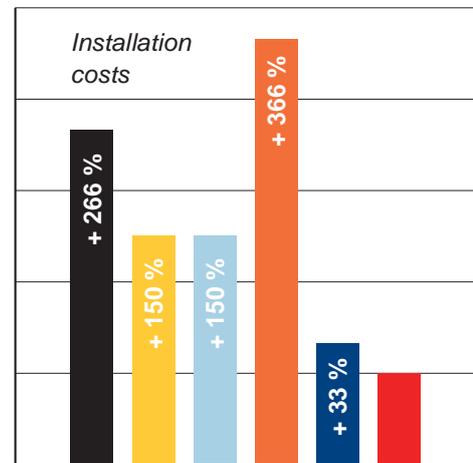
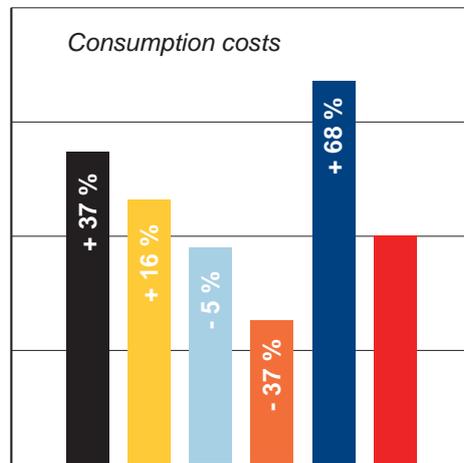
The differences clearly show it

However, the diagrams clearly show the different dimensions in exemplary fashion. All in

all, the following picture emerges: **If one totals up energy costs, investment costs and additional costs (there aren't any with infrared heaters), the infrared heater leaves its 'competitors' miles behind.** Compare for yourself and by all means take into consideration your own opinion and that of your neighbours or acquaintances. If one focuses the comparison only on the installation costs or purposefully on the operating costs, then the differences are already noticeable here.

This much is certain: you will save in any case! Your infrared heater advisor will determine how much.

- Oil
- Gas
- Heat pump, air
- Heat pump, geothermal
- Night storage heater
- Infrared



Look out building owners!

Be sure to include these advantages of the infrared heater in your planning and cost calculation before beginning with building or renovation work:

- **No chimney**
- **No heating plant room**
- **No tank room**
- **Inexpensive installation**
- **No chimney sweep**
- **No maintenance**
- **No emission regulations**
- **No wear**
- **No repairs**
- **No chimney renovation**
- **Step-by-step retrofit possible**
- **No storage of fuels**
- **Low consumption**

No hidden costs:

- Low investment costs
- Extremely low energy consumption
- Energy costs in monthly instalments
- No additional expenses

Night storage heater or infrared heater – a comparison

Many consumers do not know that an electric infrared heater has low heating and investment costs when installing new heating systems or renovating existing heating systems: verifiable 50% energy saving compared to night storage heaters. 25% saving on electricity costs is usually achieved.

The statement that electricity is too expensive for heating is no longer true today. Conventional night storage heaters are, however, real energy hogs, climate killers and space-consuming monsters.

Since the infrared heater directly heats all fixed media in the room by infrared radiation, it achieves a comfortable feeling of warmth similar to being in the sunshine, even at a room temperature as low as 18 °C.

Conversion from night storage heater to infrared heater is simple and straightforward. All connections and controllers can mostly be retained.

In addition, installation is considerably faster and entails much less 'building site' work and dirt. The heaters are suitable for single rooms, apartments or complete houses.



Clever people save double!

Combine your infrared heater with an effective photovoltaic system now! All authorised Gossmann GmbH dealers are at your service with advice and will offer you inexpensive solutions, tariffs and current subsidy programmes for your energy and heating concept.

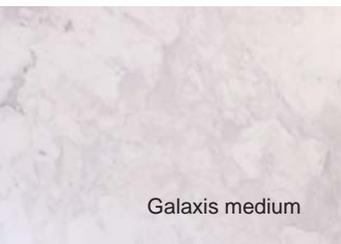
So you can save even more – constantly.

Marble heaters



Galaxis light

There are in principle only a very few types of marble with the outstanding characteristics and efficiency to be able to distribute the infra-red radiant heat in the room. The higher the efficiency, the lower your electricity needs – and the lower your consumption costs will be.



Galaxis medium

We recommend marble of the type Galaxis in three sorts: dark, medium and light. Marble is a natural product and therefore strong colour nuances are possible – similar to other natural stones or wood. In addition, marble offers a timeless and modern design that adapts itself to any surroundings.



Galaxis dark

Other marble sorts
on enquiry



Each radiator is unique on account of its characteristic marble surface. Whether the surface is inconspicuously even or playful, marble heaters can be disguised as classy wall panels or used pointedly as a 'work of art with a function'.

The heating character is comparable to the properties of a tiled stove. The diffuse heat emission distributes itself pleasantly throughout the room. Once brought up to temperature, the heat is often maintained for hours. This partial storage function is suitable for rooms in which continuous heating is desired.



Preferred use:

- Kitchen
- Living room
- Bathroom
- Swimming pool and sauna area
- All types of room in the home
- Offices
- Design element at eye level

Glass heaters



Glass heaters are characterised by their simple, beautiful design. Their frameless appearance in particular has a stylish look. This elegant solution for innovative infrared heating is particularly inexpensive and efficient in use. Space-saving and clean, it can be used almost anywhere in the home. Thanks to its light weight it is simple to mount on the wall.

All glass heaters are made of shatterproof safety glass, which is comparable to the wind-screens of today's cars. Special feature: even in case of damage, the tiniest fragments remain bonded. All edges are polished. Glass heaters are available in the standard version in the colours white and black. Although it is not transparent, this infrared heater captivates by its typical glass character. The heating reaction is particularly fast. The heat source is precisely perceptible. An integrated nano-silver coating provides for the most efficient heat emission possible.



Preferred use:

- Bedroom
- Swimming pool and sauna area
- All types of room in the home
- Offices
- Practices

Mirror heaters



The mirror heaters are also made of shatter-proof safety glass: even in case of damage, the tiniest fragments remain bonded and are not spread all over the room – an advantage, especially when installed in wet areas. All edges are polished. The heating reaction is particularly fast. The heat source is precisely perceptible.

The mirror heater is particularly popular. On account of its dual function as a mirror and a radiator it becomes a clever design element of discreet room planning. The innovative infrared heating system supplies pleasant heat wherever it is particularly appreciated. In the hall and bathroom it contributes to an efficient use of space, while remaining simple, beautiful and modern. The frameless mirror heaters adapt themselves unobtrusively to any environment. As an eye-level design element it is also suitable for unusual room situations. Only a simple wall mounting is required for the use of mirror heaters.

Preferred use:

- Bathroom
- Cloakroom
- Changing rooms
- Swimming pool and sauna area
- Corridor / hall
- Bedroom
- Design element at eye level

Infrared all-rounders

The infrared all-rounder offers an individual compact solution. It is particularly light and is usable anywhere. It is suitable for mounting on walls and ceilings. **The infrared all-rounder can optionally be placed easily and simply in any room using the practical stand.** In the cellar in summer and in the attic in winter. Hobby rooms or garages are thus provided with a pleasant room temperature for as long as you wish. It is usable anywhere and is often used as an 'entry-level model' for testing infrared heating. In comparison with conventional 'space heaters' it cannot be beaten for safety, handling and efficiency. And it's almost impossible to beat where consumption costs are concerned, too.

A discreet matt aluminium frame protects the coated white aluminium plate behind which the actual heating system is located.

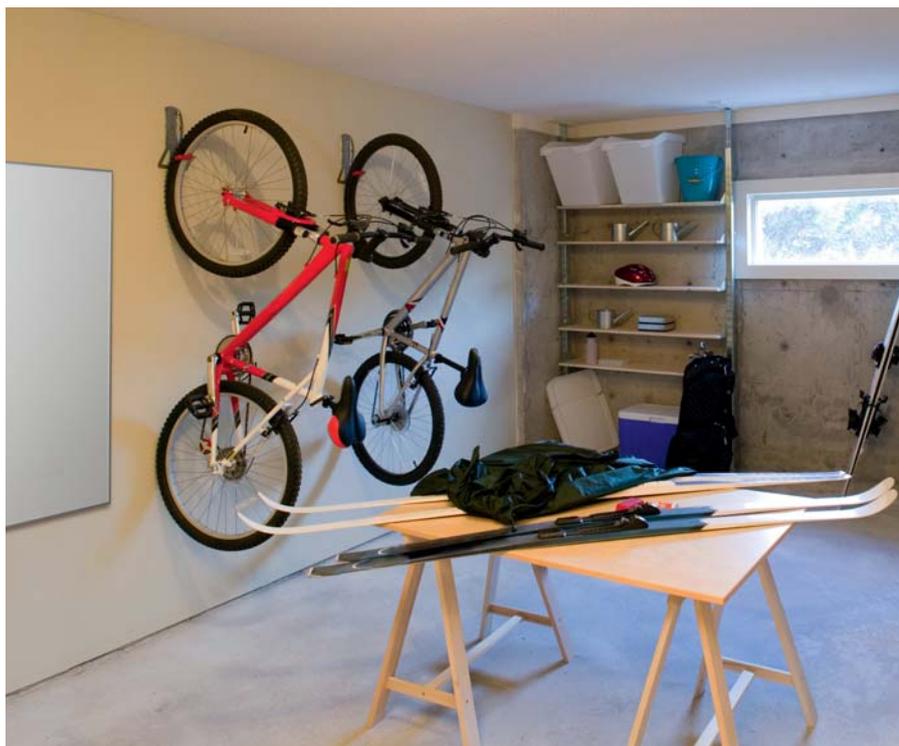
This structure enables fast, efficient heat emission. Here too, the heat source is directly perceptible, but somewhat more diffuse compared to a glass heater.



Preferred use:

- Suitable for ceiling and wall mounting
- Usable anywhere and suitable for all rooms
- Flexible radiator for short heating periods
- Additional heating
- Hobby rooms and workshops
- Garages and cellars
- Conservatories
- Attics
- Guest rooms
- Summer houses
- Storerooms
- Warehouses

Also available with stand!





Why Gossmann GmbH?

As an exclusive supplier of innovative infrared heaters, Gossmann GmbH not only ensures that only first-class, high-quality radiators are delivered. The quality of the materials and the integrity of our partners are regularly checked in person by Stefan Gossmann, managing director and owner of Gossmann GmbH. Gossmann GmbH's products are backed by 30 years of market presence, a multi-year guarantee and TÜV certification. Our aim: to be able to supply the best and most energy-efficient infrared heaters worldwide.

The products have a safety thermostat with automatic temperature controller. Hence, the functions of the heating plate are protected as far as possible. An additional quality and function test is designed to guarantee a virtually perfect delivery.

Gossmann GmbH's services also include:

- Consultation and calculation of consumption costs
- Estimation of the building fabric with regard to the U value
- Quotation related to the individual wishes
- Cost/benefit analysis related to the installed heating

Ask us about the available formats, further products, individual solutions and offers.

We also offer a versatile range of infrared radiators for indoor and outdoor use. These include solutions for catering and leisure facilities as well as heating systems for factory buildings and workshops.

Gossmann

Innovative infrared heating systems
& photovoltaic consultation

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