

Gossmann

Innovative Infrarotheizsysteme
Innovative infrared heating systems
Chauffage infrarouge innovant

**Infrarotheizungen
Bedienungsanleitung**

**Infrared heaters
Instruction manual**

**Radiateurs à infrarouge
Mode d'emploi**

**Infraroodstralers
Gebruikershandleiding**



Instruction manual

Thank you for choosing an infrared heater from Gossmann GmbH.

Infrared heaters operate with electricity. Consequently the operation of these appliances is not without dangers. It is therefore necessary to read this instruction manual carefully before operating the appliance. We will be glad to answer any questions you may have. Keep this instruction manual near the appliance.

1. GENERAL PRODUCT INFORMATION

1.1 GENERAL INFORMATION ABOUT INFRARED HEATERS

Infrared heaters are direct heaters that operate according to the principle of radiant heat (infrared). They have a very low energy requirement and create a pleasant, cosy room climate.

Infrared heaters transform electrical energy into heat with an efficiency of almost 100%. The special coating of the surface is optimized with the aim of achieving the maximum heat emission in the wavelength range from 7 to 10 µm.

With infrared heat rays you heat in the same way as the sun heats the world – infrared brings this heat into your house and can reduce heating costs.

Infrared heaters can be used in various rooms and environments (see separate section on the individual areas of use). Various models are recommendable depending on the environment and the desired application (please contact your dealer regarding the optimum model for you). For all models and applications, however, it is essential that you follow the safety instructions for the installation (see separate section for this).

Infrared heaters heat up in just a few minutes (about 5 to 10 minutes, see point 3). If you do not immediately obtain a comfortable, warm room climate, allow the heating element to run for a longer period, since the first time it is operated it may be the case that cold objects (furniture, walls, ceiling, floor, etc.) first have to warm up. As soon as these fixed bodies have warmed up, however, the pleasant warmth will be distributed throughout the room and you will be able to reduce the operating time of the heating element to a minimum. This makes an enormous contribution to the protection of the environment.

Depending on the model you have selected, the surface will heat up to 120 °C. All of our infrared heaters are equipped with temperature sensors, which prevent the overheating of the surface.

1.2 APPLICATIONS

The versatile use of infrared heating allows a highly versatile usability. In residential and commercial premises, holiday homes and conservatories as well as in catering our products are suitable for heating. Pay attention only to the fact that the heaters are to be applied only in enclosed spaces. In poorly insulated garden sheds or stables we do not recommend the use!

2. SAFETY INSTRUCTIONS BEFORE USING FOR THE FIRST TIME

2.1 GENERAL SAFETY INSTRUCTIONS

Our infrared heaters are all exclusively suitable for use as heating elements. Any use other than for the intended purpose can lead to a significant danger to people, animals and the environment.

Our infrared heaters are not intended for use by persons (including children) with impaired physical, sensory or mental abilities or who have a lack of experience and/or knowledge, unless they are supervised by a person who is responsible for their safety or receive instructions from that person on how to operate the appliance.

Caution: Note EN 60335-2-13

Children younger than 3 years to keep, unless they are constantly monitored. Children age 3 and younger than 8 years, the unit must not use them if they are not supervised or concerning the safe use of the equipment have been trained and have understood the resulting risks, provided that the device is placed or installed in its normal position, Children from 3 years and younger than 8 years old cannot insert the plug into the outlet does not regulate the device, do not clean the unit.

Caution - Some parts of the product can be very hot and cause burns. Special care is needed when children and vulnerable persons are present.

Keep all packaging well away from children. Otherwise there is a risk of suffocation or injury.

All infrared heaters are to be kept away from children. Children should be supervised in order to ensure that they do not play with the appliance.

Infrared heaters are not suitable for use in the rain, in wet conditions, under water or for any purpose other than that intended.

The mounting instructions described below (see point 3 and penultimate page) must be followed for all of our infrared heaters.

All of our infrared heaters are equipped with integrated safety switches that automatically switch off the heating element if it is improperly used (i.e. in the case of over temperature caused, for example, by obstructing or covering up the heating element). The safety switch deactivates itself automatically after disconnecting the mains plug and waiting 10 to 15 minutes. The appliance is then ready for operation again.

Caution: Please note that excessive exposure to infrared radiation can be damaging to the eyes. Protect your eyes against very long and intensive contact and take appropriate precautions (e.g. do not stare directly at the infrared heater from a short distance for several hours).

2.2 SPECIAL SAFETY INSTRUCTIONS



Do not cover. Warning: In order to avoid overheating of the appliance, the heater may not be covered over. Never cover the infrared heater with washing or similar items. This can cause a build-up of heat.

The heating element becomes very hot during use (up to 120 °C depending on the model). Contact could lead to serious burns.

Each of our infrared heaters is equipped with a mains cable and plug. A room temperature controller can be operated using an optionally available intermediate plug. Make sure that nobody can trip over the cable. Protect the device against overload of the mains fuse and operate the appliance only in accordance with the specifications given on the type plate.

Do not use the infrared heater if the mains cable or plug is damaged. This must be checked each time before use. Do not pull or jerk the mains cable. Do not chafe the cable on edges or trap the cable. Neither the cable nor the plug may be repaired or replaced. Contact the manufacturer or its service department in case of damage.

Never immerse the heating element in water or expose it to water. Also, the heating element must never be touched by persons who are sitting in the bath tub or standing under the shower. Do not use this appliance in the immediate vicinity of a bath tub, a shower or a swimming pool.

The glass heater, mirror heater or marble heater may only be operated when firmly mounted (see point 3 and penultimate page). The metal heater can be operated with feet suitable for the purpose.

In case of damage to the infrared heater or the mains cable, it must be disconnected from the mains supply immediately and kept in a safe place (see below for warranty details).

To avoid damage and accidents, do not open the appliance yourself (see below for more information about this). Warranty claims and liability will not be accepted if the appliance is not opened by specialists.

3. INSTRUCTIONS FOR MOUNTING AND USE

3.1 INSTRUCTIONS FOR MOUNTING

Our infrared heaters may only be mounted using the original suspension device (aluminum profiles or wall mounting plates on the rear of the infrared heater plus the screws provided). Warranty and liability for resulting damage are excluded if infrared heaters are used without the **original suspension device**. An exception to this is the marble heater.

The units are designed for wall mounting and optimized for this purpose. All of our infrared heaters, an original suspension (aluminum profiles at the back of the infrared heating and accordingly included screws for wall mounting). Stands for use as additional heating are optionally available.

Remove the packing film if necessary.

Make sure that the mains plug is not plugged in when mounting. Do not mount the appliance when it is switched on.

On no account should you make holes in the infrared heater. Do not operate the appliance under any circumstances if holes have been made for any reason. Please contact the manufacturer or dealer from whom you purchased the appliance.

If the appliance is to be used in children's bedrooms or in rooms to which children have access, make sure that the appliance is suspended at least 1.2 m above the floor.

Temperature Control

We recommend as urgent a temperature control via a thermostat. Learn to have any electrician. For this, we also recommend a look at our homepage -> www.gossmann.eu.

Distance to the rear side: Our infrared heaters emit only convection heat at the rear side (no infrared radiation). For ventilation purposes, however, make sure that the distance to the rear side of the infrared heater (metal/aluminum plate) is not less than 25 mm. This distance is always guaranteed when the standard suspension device is used. Gossmann GmbH accepts no warranty claims or liability for resulting damage if a fastening system other than the original is used.

Distance to the front side: our infrared heaters emit infrared radiation only at the front side. Make sure that there is a **minimum distance** of about 50 cm to the front, 20 cm to the sides and the top and 10 cm to the bottom.

VDE 0108 must be complied with when mounting in public places.

INSTRUCTIONS FOR INSTALLATION IN THE BATHROOM:

Do not mount the infrared heater near a shower, tub or swimming pool. Make sure that the infrared heater can be touched by any person who is in the bath or shower. There keeping a minimum distance of 120 cm from shower or tub. In case of installation in wet areas, the installation is always by a specialist and according to VDE 0100 part 701, 702 and 703 respectively perform the OVE - EN standard.

INSTALLATION OF FEET:

Only the metal version of the infrared heater can be used with our feet as a heater. For this, the heating in a horizontal position that is with the longer frames, in the feet should be made to the frame. If necessary, use the screws to fix the feet.

Make sure that the mains plug is accessible after mounting the infrared heater and that it can be unplugged immediately if necessary.

If the infrared heater is connected as part of a permanent electrical installation, an isolating device of overvoltage category III is to be provided for full isolation. This connection work may only be carried out by a qualified electrician.

3.2 SUPPLEMENTARY INSTRUCTIONS FOR MOUNTING THE MARBLE HEATER

The marble heater is delivered **WITHOUT** an electrical plug connector. The necessary connection work must be carried out on site by a qualified electrician.

The marble heater is delivered **WITHOUT** wall plugs and screws, since the considerably higher weight may necessitate accordingly adapted mounting materials; it must be possible for the customer to procure these materials.

The marble heater is intended exclusively for wall mounting. Mount it horizontally, with the connection socket to the side or underneath. The connection box on the wall should be behind the heating element. The distance between the floor and the heater should be about 15 cm.

Using a 10 mm masonry drill, drill two holes in the wall with the same spacing as the upper fixings of the marble slab. **ATTENTION:** the heating element hangs about 3 cm lower than the hole! Please use the appropriate wall plugs for the corresponding wall structure.

Fasten the holders provided firmly to the wall by means of wall plugs and hexagonal head screws. The u-shaped recess points away from the wall in an upward direction.

Hang the marble heater in the holder.

3.3 GENERAL INSTRUCTIONS FOR POSITIONING

Make sure that the mounted infrared heater can radiate into the room with the least possible hindrance. Mounting the appliance directly behind a sofa or a cabinet is to be avoided at all costs.

The optimum amount of heat is obtained with horizontal wall mounting

If the infrared radiation does not reach certain surfaces in the room due to improper positioning, this is called the "shadow effect". Optimum positioning can avoid shadow effects. For detailed information on optimum positioning, please ask the dealer from whom you purchased the infrared heater.

3.4 INSTRUCTIONS FOR FIRST-TIME OPERATION

Follow the mounting instructions given above.

Now connect the infrared heater to a properly installed wall socket (follow the safety instructions given above).

You can now put the infrared heater into operation. The heat-up time is about 5 to 10 minutes. If you do not immediately obtain a comfortable, warm room climate, allow the heating element to run for a longer period, since the first time it is operated it may be the case that cold objects (furniture, walls, ceiling, floor, etc.) first have to warm up.

3.5 INSTRUCTIONS FOR THE FIRST-TIME OPERATION OF THE MARBLE HEATER

Follow the mounting instructions given above.

Do not heat up the marble heater to the maximum temperature at once. First allow the marble heater to warm up to room temperature. When heating up for the first time, switch off three or four times after every 30 minutes to allow the stone to warm up slowly to operating temperature.

3.6 INSTRUCTIONS FOR HANDLING

Never place articles of clothing or similar items on the heating element (**build-up of heat and possible fire risk**).

Slight material noises may be audible due to expansion or contraction when heating up or cooling down. This is entirely normal and is not a reason for complaint.

The heating element becomes very hot during use. Contact could lead to serious burns.

All of our infrared heaters are equipped with temperature sensors, which protect the surface of the appliance against possible overheating.

If the infrared heater is not to be used for a longer period of time, it is advisable to disconnect the mains plug.

The surface of the infrared heater should be kept clean at all times. Observe the detailed information given below.

3.7 INSTRUCTIONS FOR CLEANING AND MAINTENANCE

Infrared heaters require no maintenance. If you should find anything abnormal, please disconnect the mains plug and immediately contact the dealer from whom you purchased the infrared heater.

For cleaning it is best to proceed as follows:

Be sure to disconnect the mains plug before cleaning.

The heating element is very hot after use (up to 120 °C depending on the model, **risk of burns**). Let the heating element cool down first (about 10 to 15 minutes) before cleaning it.

Never clean the heating element by immersing it in water or spraying it with water. Never use a wet cloth. Clean it only with a duster or a slightly moistened cloth. Make sure that the heating element is completely dry before putting it into operation again.

Do not use scouring agents, other aggressive substances or rough cloths. Infrared heaters should be wiped only with a dry cloth.

3.8 INSTRUCTIONS FOR REPAIR

If anything about your appliance is abnormal, always contact your dealer – never attempt to repair the appliance yourself.

In case of a malfunction of the device, disconnect the mains plug immediately. Do not use the appliance or stop using it immediately if the appliance is damaged, in particular if the mains cable, housing or heating element itself is affected.

Furthermore, we kindly request that you read the detailed warranty information given below.

Never remove the type plate and the warning label. The data given on the type plate are of importance for the warranty.

4. TECHNICAL DETAILS

The following information general applies to all heating systems. Please observe the information regarding performance, size and surface temperature on the label on the rear side of your infrared heater in connection with the technical data sheets.

Voltage	Power	Frequency	Size	Weight
230 V	250 - 850 W	50/60 Hz	30*90 - 60*150 cm	2 - 60 kg

5. FOR THE SAKE OF OUR ENVIRONMENT

Do not simply throw away packaging material. Please observe the following information:

Packaging material made of cardboard can be taken to the waste paper collection point or disposed of via the appropriate system.

Keep plastic films and packaging out of the reach of children. Please recycle protective films properly.

The heating element or parts of it may not be disposed of via the normal household waste. They must be taken to a recycling collection point for electrical and electronic appliances. This is indicated by the symbol on the product, these operating instructions

and the packaging. 

By recycling, utilizing the materials or utilizing old appliances in some other way, you make an important contribution to the protection of our environment. Please enquire to your local council or the responsible waste disposal center for details.

6. TRANSPORT AND DELIVERY

Each individual heating element is safely packed in a suitable cardboard box after the final inspection and dispatched via a shipping company. In order to be able to claim for transport damages, we kindly request that you unpack the infrared heater in the presence of the freight forwarder who delivers it and have any damage certified on the shipping document or packing slip.

7. TERMS OF GUARANTEE FROM GOSSMANN GmbH

- In addition to the statutory warranty (2 years), grants you a warranty on Gossmann GmbH infrared heaters, subject to the following provisions :
- Warranty period is 5 years , respectively from the date of purchase
- The guarantee is valid throughout Europe
- During the applicable warranty period infrared heaters, the repaired or due to material or manufacturing defects , are inoperative after inspection may be replaced
- Warranty claims must immediately, in writing, be asserted with us. If the reported damage is in our warranty, we will repair the heating charge. If no repair is possible you get a new infrared heating. An account verification is required.
- The warranty does not extend the applicable warranty period.
- Defects or damage the built- in type plate seal which therefore cannot be removed.

7.1 WARRANTY SHALL NOT APPLY FOR DAMAGES CAUSED BY:

- Failure to follow the man Goss GmbH Operation
- Failure to follow the safety rules apply to the device
- Shipping damages
- Violence applications such as Impact, shock , drop
- improper or incorrect use of infrared heating
- Change in surface
- Environmental factors such as humidity, high temperature, over voltage, dust etc.
- Interventions that have been made by an unauthorized electrical company
- unauthorized repair attempts
- Send in non- safety packaging

To ensure optimal use, please refer to the specifications of our Terms of Use and matrix of cost on our website. If the infrared heaters are so used to having a low power undersized extinguish our warranty.

Liability for consequential damages or costs incurred by assembly and disassembly of the infrared heater is not accepted and transport packaging and possibly insurance costs are the

7.2 GENERAL INFORMATION ABOUT MARBLE HEATERS

Each marble heater from Gossmann GmbH is unique, because marble is a natural product. No liability is accepted for differences in color, cloudiness, veins, and pores, open points, inclusions, cracks, quartz veins, etc. occurring in the marble, since these do not under any circumstances represent a devaluation of the marble.