



| Designation | H x W (cm) | Watt at 230V | Weight (kg) |
|-------------|------------|--------------|-------------|
| Konvex 1 | 90 x 25 | 225 | 4 |
| Konvex 2 | 62 x 37 | 230 | 5 |
| Konvex 3 | 62 x 50 | 310 | 6 |
| Konvex 4 | 118 x 37 | 440 | 8 |
| Konvex 5 | 150 x 37 | 550 | 10 |
| Konvex 6 | 100 x 62 | 620 | 11 |
| Konvex 7 | 150 x 50 | 750 | 14 |
| Konvex 8 | 150 x 62 | 900 | 16 |
| Konvex 9 | 125 x 75 | 940 | 16 |
| Konvex 11 | 150 x 75 | 1125 | 19 |
| Konvex 13 | 180 x 75 | 1350 | 23 |

All Konvex models are also available in Extrem-line design. IP Code IP67 with 4 m black rubber cord.
Example of model designation: Konvex 13X



Operating instructions

Dear customer,

Congratulations on your new infra evolution infrared heating panel. You now own an ecological and economic heater and make an important contribution to the protection of our environment. The infra evolution heating system is maintenance-free, easy to install and suitable for a wide range of uses. Please read these operating instructions carefully before taking the infrared heating system into operation to ensure your safety and to make sure that you can enjoy your infrared panel for a long time.


PLEASE NOTE: Your new infrared heating panel is a radiant heater. It heats the solid structures in the room, which in turn give off heat to the immediate surroundings. The result is a pleasant and comfortable indoor climate that you will not want to do without in the future. Depending on the environment, the change of the room climate can take a few hours, or even a few days after taking your infrared panel into operation for the first time. Once your furniture, walls, ceiling and floors have reached the desired room temperature, the operating time of the panel is reduced to a minimum. Make sure to use your infrared heating system only in combination with a high-quality room thermostat. This will ensure optimum switching cycles, and you can enjoy the constant, pleasant warmth to the full. If you have any questions, please contact your specialist dealer, who will be happy to advise you.

1. Scope of supply

Heating panel, EQUI FIX wall mount bracket with fittings

PLEASE NOTE: Follow the applicable installation guidelines, directives and standards of your country. Your electrical company will be happy to provide you with information.

2. Safety instructions

- The encased design of the heating panels meets the protection requirements for IP54, IP65 (protection against water jets) or, upon special request, also for IP67 (protection against immersion up to 1 m maximum for 30 minutes maximum). If the heating panel in protection class IP54, IP65 or IP67 is used, the connection to the mains must be made by a specialist installation company in accordance with the relevant guidelines, directives and standards of your country (wall socket in IP54, IP65 design; for IP67 according to protection class). If the heating panel is connected to the main power supply via a conventional wall socket, the protection requirements for IP20 apply. A wall socket of the IP20 class is not protected against water and humidity! Note the statutory electrical protection ranges!
- The heating panel must not be mounted beneath a wall socket.
- Do not place the heating panel close to highly flammable material or anything that easily melts. The minimum distance between other objects and the heating panel should be 50 cm (front), 2 cm (sides), 2 cm (down) and 10 cm (up).
- Mobile heating panels must not be placed close to a swimming pool, shower, bathtub or other water-filled basins.
- The heating panel must not be exposed to high humidity.
- When mounted on the ceiling, make sure the heating panel is not positioned immediately above seating or sleeping areas.
- Position the heating panel outside the reach of small children.
-  **The heating panel must never be covered, not even partially.** The space between the heating panel and the wall/ceiling is defined by the mounting bracket. This space must never be obstructed to ensure full rear ventilation at all times. Otherwise there is a risk of overheating. (Thermal cut-outs integrated in the heating panel interrupt the power supply in the case of overheating. The heating panel will be switched on again automatically when it has cooled down.)
- The heating panel must only be connected to alternate current 230 Volt, 50Hz as specified on the rating plate. It must be possible at all times to switch off the heating panel during operation by means of a thermostat or switch.
- Only the supplied bracket and fittings may be used for mounting the heating panel on solid masonry such as bricks and concrete. For other wall structures please use appropriate mounting material.
- Do not leave persons with limited physical, sensory or mental abilities unattended in the area of the heating panel, unless the person in charge of their safety instructed them on how to use the heating panel, in cases where they are able to understand the instructions. This also applies for children.
- Always return the heating panel to the manufacturer for any repair. Do not carry out repairs yourself!
- Keep children under the age of 3 away from the panel at all time, unless they are constantly supervised. Children between 3 and 8 years of age may only switch the heating panel on and off when supervised or if they have been instructed in the safe use of the appliance and have understood the resulting risks, provided the panel is placed or installed in its standard position of use. Children between 3 and 8 years of age must not plug the appliance in, control or adjust the appliance, clean it and/or carry out user maintenance.
- Caution – Some parts of the product may become very hot and cause burns. Special caution is required when children and vulnerable persons are present.
- If the mains power cable of this appliance has been damaged, have it replaced by the manufacturer or its customer service or by a similarly qualified person to avoid any risk.
- Do not use this heating system in the immediate vicinity of a bathtub, shower stall or swimming pool.
- CAUTION: This device is not equipped with a room temperature controller. The heater must not be used in small rooms inhabited by persons who cannot leave the room themselves without help, unless continuous supervision is ensured.

3. Before putting the heater into operation

Read the operating instructions, in particular the safety instructions, before putting the device into operation. Check whether the mains voltage at your place corresponds to the voltage on the rating plate of the heater.

4. Putting into operation

Mount the heating panel with the help of the enclosed assembly kit and connect it to the mains.

5. Mounting

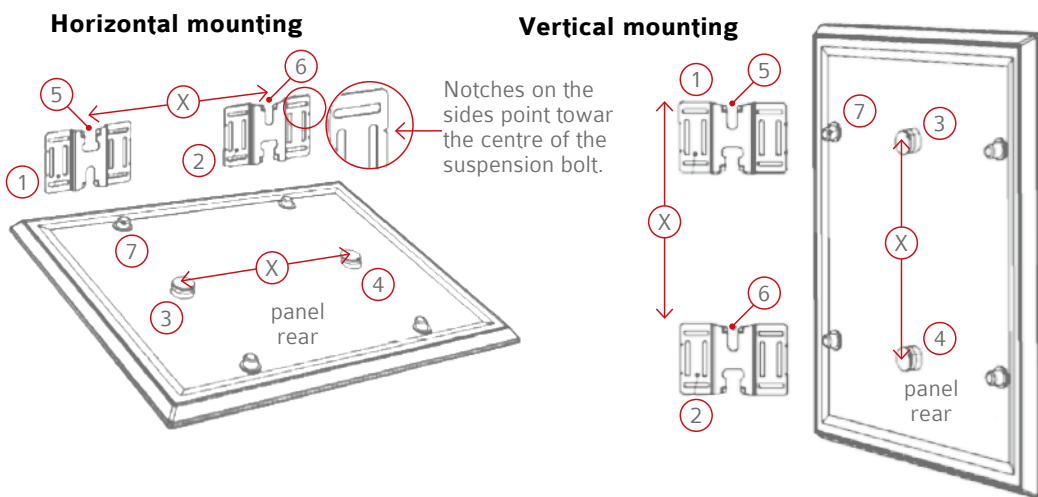
The load-bearing capacity of the wall/ceiling and fixing the fittings of the mounting bracket is your responsibility. Given the wide diversity of construction materials for walls and ceilings, make sure you check before installation whether the enclosed bracket and fittings are suitable for your place of installation. If this is not the case, you need to purchase the appropriate mounting material that is suitable for your wall/ceiling from a specialist dealer. Always use the enclosed EQUI FIX bracket and/or the optional set for two-point installation on the ceiling.

The manufacturer does not accept any liability and responsibility for improper installation.

Screw the fittings 1 and 2 at a distance of X (bolt distance of the panel to be mounted corresponds to half the panel length – see panel dimensions on page 1) in horizontal or vertical alignment to the wall.

PLEASE NOTE: Notches on the sides indicate the centre of the mounting bolt, as a reference for aligning with the marking, see drawing „horizontal mounting“.

Insert bolts 3 and 4 into the mounting grooves 5 and 6 of the fittings 1 and 2 and lower the panel until it rests on the fittings. Now turn out the wall spacers 7, which are adjustable via a thread, until the panel rests firmly against the wall without free play.



5.1. Mounting on the ceiling

A 5 cm distance between the ceiling and the rear of the panel must be ensured. To install the panel on the ceiling, you need the ceiling mounting set consisting of two bolt extensions and four matching spacers. Screw the two extensions as far as they will go on the bolts (3 and 4) of the panel and secure them with the set screws. Replace the 19 mm long wall spacers with the 46 mm ceiling spacers (7).

If the 5 cm distance to the ceiling is not observed, there is a risk of overheating of ceiling and panel.

6. Power supply

Your heating panel is equipped with a mains plug (special version IP67 without mains plug). When the heating panel has been mounted on the wall/ceiling, you can connect it to the mains via a 230 V socket. **CAUTION:** The connection via the mains plug only fulfils the requirements of protection class IP20. This means the plug connection is not protected against water and moisture! If you wish to use the heating panel in protection class IP54, IP65 or IP67, the mains connection must be carried out by an installation specialist in accordance with the relevant directives and standards of your country (junction boxes in IP54, IP65 design, for IP67 in accordance with the protection class). Panels with protection class IP67 are equipped with a 4 m long black rubber cable. Room temperature controllers can be integrated into the system via socket thermostats (designed as intermediate plugs) or, in the case of a fixed connection, you can have a control system installed by an electrician you trust. If the connection socket is covered by the infrared panel, a flat plug is required. Please contact your dealer for further information.

7. Care

The panel is maintenance-free. Before cleaning, switch off the power supply and allow to cool down! Use a soft, damp cloth and a little detergent for cleaning. Never immerse the heating panel or the appliance supply line in water or clean it under running water. Do not use abrasive or aggressive cleaning agents.

8. Explanation of symbols

EC Declaration of Conformity



Infra Evolution GmbH declares that all infra evolution infrared heating devices meet the provisions of low-voltage directive 2014/30/EC.



Disposal

The heating panel must be disposed of separately from general household waste at collection points specified by the state.



Do not cover!

This symbol indicates that the infrared heater must never be covered.

9. Guarantee

The heating function of your heating panel is guaranteed for 60 months from the date of invoice. Within this guarantee period, defects will be repaired free of charge upon presentation of the invoice and indication of the serial number or, at our option, will be settled by exchange for an equivalent, faultless article.

The provision of such guarantee service is conditional upon the device having been properly handled and maintained. Claims beyond our guaranteed service are excluded. In justified cases, the guarantee only covers the repair of the device. Further claims as well as liability for possible consequential damage are excluded on principle.

No guarantee can be given for damage caused by impact, incorrect operation, excessive mains voltage or short circuits at the connections, exposure to moisture, interference by third parties or other external influences. If the device is opened by unauthorized persons, the warranty becomes void.

In the event of a warranty claim, the device must be sent carefully packed to your dealer together with the invoice and the completed guarantee certificate. Please keep the original box for this purpose.

Guarantee certificate

If you wish to make a complaint, please fill in this card so that your complaint can be processed as quickly as possible.

Device type and serial number: _____

Type of defect: _____

Your address/name: _____ Street: _____

Postal code/City: _____ Phone: _____ e-mail: _____

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