

Vitoplanar EI2
Type EI2.A450MH, EI2.A700MH
Infrared heater



VITOPLANAR EI2



Safety instructions



Please follow these safety instructions closely to prevent accidents and material losses.

Safety instructions explained



Danger

This symbol warns against the risk of injury.

Note

Details identified by the word "Note" contain additional information.



Please note

This symbol warns against the risk of material losses and environmental pollution.

Target group

These instructions are exclusively intended for qualified contractors. Installation and commissioning as well as repairs and service work may only be carried out by a licensed contractor or a qualified person in compliance with all safety regulations. This person must first check whether the electrical system in the building complies with the applicable standards. The manufacturer's responsibility is limited to the delivery of the appliance.

This appliance can also be operated by children aged 8 and older, as well as by individuals with reduced physical, sensory or mental faculties or those lacking in experience and knowledge, provided such individuals are supervised or have been instructed in the safe use of this appliance and any risks arising from it.



Please note

Supervise children in the proximity of the appliance.

- Never permit children to play with the appliance.
- Cleaning and user maintenance must never be carried out by unsupervised children.

Regulations to be observed

- National installation regulations
- Statutory regulations for the prevention of accidents
- Statutory regulations for environmental protection
- Codes of practice of the relevant trade associations
- Relevant country-specific safety regulations

Working on the appliance

- Work on electrical equipment may only be carried out by a qualified electrician.
- Only connect appliances to correctly installed sockets.
- When working on the appliance, disconnect the power plug.
- Isolate the appliance from the power supply (e.g. by removing the separate fuse or by means of a mains isolator) and check that it is no longer live.
- Safeguard the appliance against reconnection.



Danger

Hot surfaces on the appliance can cause burns.

Before maintenance and service work, switch off the appliance and let it cool down.

Particular care is required when children or vulnerable adults are present.

Operation of the appliance



Danger

Damaged equipment poses a safety hazard.

Check the appliance for external damage. Never start up a damaged appliance.

- The appliance may only be operated in its original condition without modifications and in perfect technical condition. All protection equipment must work faultlessly and be freely accessible.
- To prevent the appliance overheating, do not cover it.
- Children younger than the age of 3 must be kept away from the appliance unless they are constantly supervised. Children between the ages of 3 and 8 may only switch the appliance on and off if they are supervised or have been instructed in the safe use of the appliance and have understood the resulting risks, provided that the appliance is placed or installed in its normal position of use. Children between the ages of 3 and 8 must not plug the appliance into a wall socket, regulate the appliance, clean the appliance or carry out maintenance.

- The appliance may only be commissioned once it has been installed.
- The appliance must not be used in the immediate vicinity of a bathtub, shower or swimming pool.
- The appliance must not be used in rooms inhabited by persons who cannot leave the room independently, unless constant monitoring is ensured.



Danger

Covering the surface can cause a fire hazard.

- Do not cover the appliance, whether partially or wholly, e.g. with a towel.
- Do not dry any objects on the appliance.



Please note

Even covering parts of the front can lead to overheating and damage to the heating element.

- Do not cover the appliance, whether partially or wholly, e.g. with a towel.
- Do not dry any objects on the appliance.

! Please note

- Mechanical loads can damage the appliance.
 - Do not lean against the appliance.
 - Do not lean objects against the appliance.



Auxiliary components and individual parts

For replacement, use only spare parts supplied or approved by Viessmann.

Disposal of packaging

Please dispose of packaging waste in line with statutory regulations.

Symbols

Symbol	Meaning
	Reference to another document containing further information
	Warning of material losses and environmental pollution

Intended use

The appliance may only be used for its intended purpose in areas where the occupants can leave the rooms independently or where constant monitoring is ensured.

It is intended exclusively for room heating.

Using the appliance if it is not installed or for any purpose other than room heating shall be deemed inappropriate.

Intended use presupposes that a permanent installation in conjunction with permissible components designed for this purpose has been carried out.

The appliance must be able to radiate freely into the room.

The appliance must not be used in the immediate vicinity of a bathtub, shower or swimming pool. All other use is deemed inappropriate. Any resulting losses are excluded from the manufacturer's liability.

Any usage beyond this must be approved by the manufacturer in each individual case.

Intended use also includes adherence to maintenance and inspection intervals.

Product information

Direct electric heating for rapid heating of living spaces

- Optimised insulation reduces proportion of convection
- Large infrared radiant surface

- Maintenance-free, no magnetic field
- Horizontal and vertical installation
- Only suitable for wall mounting

Vitoplanar EI2

Type	Output in kW
EI2.A450MH	0.45
EI2.A700MH	0.7

Infrared heater, mirror

- Infrared heater as mirror version
- TSG glass as an excellent radiation emitter

Note

A Vitoplanar wireless or switch mounting thermostat is required for operation of the appliance.

Before installation



Danger

The appliance may fall off the wall if unsuitable fixing materials are used. This may result in dangerous injuries and damage to the appliance. Only secure the appliance to the ceiling using the wall mounting bracket provided in the standard delivery. Only use screws and rawl plugs that are suitable for the type of wall (masonry, concrete, plaster-board, etc.).



Please note

Stresses caused by installation on uneven surfaces can damage the heating surface. Only fit the appliance to level walls.

Standard delivery for wall mounting:

- 1 x wall mounting bracket

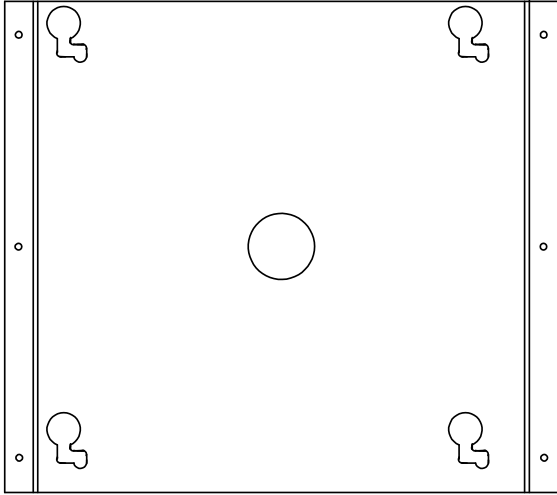


Fig. 1 Wall mounting bracket (standard delivery)

Clearance dimensions

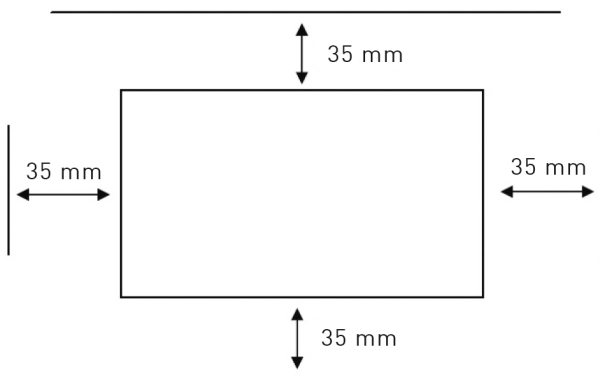


Fig. 2 Minimum clearances



Danger

If the appliance is operated without maintaining the minimum clearances, flammable objects may catch fire. Observe the specified minimum clearances.

Note

When installing the appliance in bathrooms, observe the safety zones according to DIN VDE 0100 part 701!

Note

Horizontal or vertical installation is possible.

Installation room requirements



Please note

Impermissible ambient conditions can lead to damage to the appliance (risk of overheating) and to a fire hazard.

- Do not use the appliance in the immediate vicinity of a bathtub, shower or swimming pool.
- Do not install the appliance directly below a wall socket.
- The appliance must not be used in rooms inhabited by persons who cannot leave the room independently, unless constant monitoring is ensured.

Mounting the appliance on the wall

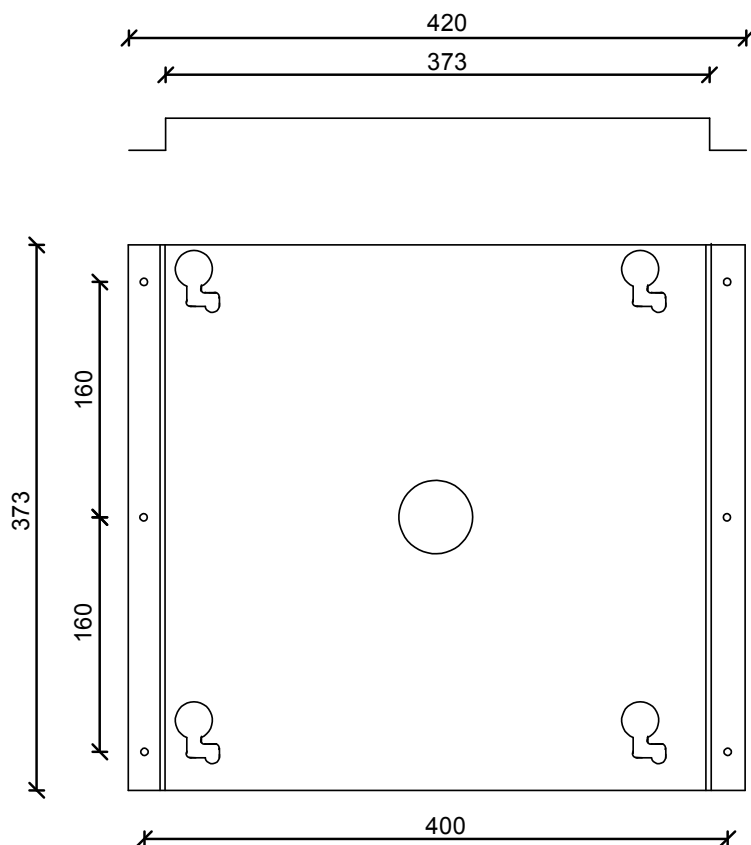


Fig. 3

Wall mounting bracket

1. Mark out 6 drill holes using a spirit level and the wall mounting bracket.



Fig. 4

2. Drill holes.

3. Secure the wall mounting bracket in place using suitable rawl plugs and screws.

Note

If required, route the connecting cable up or down from behind the wall mounting bracket.



Danger

The appliance may fall off the wall if unsuitable fixing materials are used. This may result in dangerous injuries and damage to the appliance.

Only secure the appliance to the ceiling using the wall mounting bracket provided in the standard delivery.

Only use screws and rawl plugs that are suitable for the type of wall (masonry, concrete, plasterboard, etc.).

4. Connect the infrared heater.

Mounting the appliance on the wall (cont.)

- Engage the infrared heater in the wall mounting bracket first on one side, then the other. Then lightly press against it and push it downwards and to the right.



Please note

Mechanical stress on the surface, e.g. due to people or objects leaning against it, can cause damage.

Prevent force being applied to the surface.

Electrical connection

Connection to wall socket, alternatively to wall junction box



See also installation instructions for thermostat.

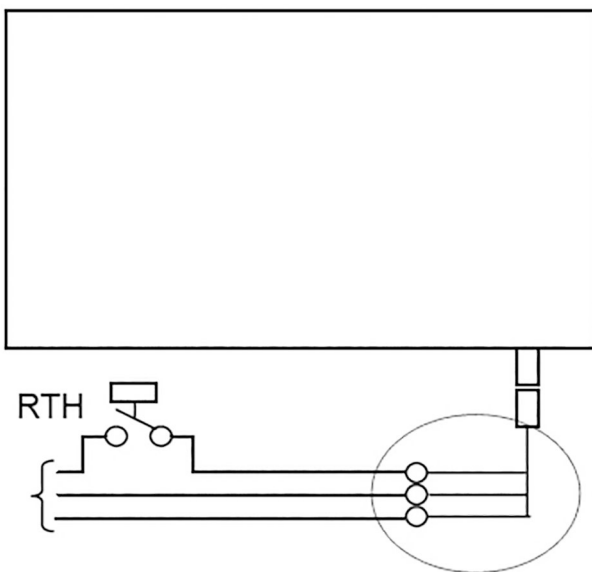


Fig. 5 Electrical connection

RTH Room thermostat (accessories)

Connection via wall junction box



Danger

Incorrect wiring can lead to serious injury from electrical current and result in appliance damage.

Connection to wall junction boxes must only be carried out by qualified contractors.



Danger

A damaged connecting cable can lead to electric shock and short circuit.

Check the connecting cable for damage before installation.

- Disconnect the existing plug and connect the power cable to a wall junction box.

Note

The connecting cable can be extended with a cable of type H05VV-F3G 1.5 mm². A direct connection to the appliance is not possible.

The appliance must be permanently connected to an earth conductor.

- On the installation side, install an omnipolar isolator with a contact opening width of at least 3 mm in the permanent electrical installation in accordance with the installation regulations.

Electrical connection (cont.)

Connection with plug

**Danger**

A damaged connecting cable can lead to electric shock and short circuit.

Check the connecting cable for damage before installation.

Note

The socket must match the appliance plug.

Note

The appliance must be permanently connected to an earth conductor.

Commissioning and instructing the user

Commissioning and user instruction must be carried out by the contractor performing the installation. The operator must be instructed as to how the radiant heater works and in particular be informed about the minimum clearances to be observed.

Specification

Vitoplanar EI2

Type EI2.		A450MH	A700MH
Electrical values			
Power	W	450	700
Rated voltage	V~	230	
IP rating		IP 55	
Protection class		I	
Surface temperature	°C	Max. 95	
Dimensions			
Width	mm	900	1300
Height	mm	630	
Depth	mm	35	
Weight	kg	11	15

Energy consumption data

In conjunction with the Vitoplanar wireless thermostat or the Vitoplanar switch mounting thermostat, the product data corresponds to the EU regulations of the directive on the environmentally sound design of energy related products (ErP).

Final decommissioning and disposal

Viessmann products can be recycled. Components and substances from the system are not part of ordinary domestic waste.

For decommissioning, isolate the system from the power supply and allow components to cool down where appropriate.
All components must be disposed of correctly.

Declaration of Conformity

We, Viessmann Werke GmbH & Co. KG, D-35107 Allendorf, declare as sole responsible body that the named product complies with the European directives and supplementary national requirements in terms of its design and operational characteristics.

Using the serial number, the full Declaration of Conformity can be found on the following website:
www.viessmann.co.uk/eu-conformity

Viessmann Climate Solutions SE
35108 Allendorf
Telephone: +49 6452 70-0
Fax: +49 6452 70-2780
www.viessmann.com



Viessmann Limited
Hortonwood 30, Telford
Shropshire, TF1 7YP, GB
Telephone: +44 1952 675000
Fax: +44 1952 675040
E-mail: info-uk@viessmann.com

6169865 Subject to technical modifications.