



Heating element

ELIKO Przedsiębiorstwo Produkcyjno Usługowo Handlowe
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TECHNICAL SPECIFICATIONS

Type	Power rating	Voltage	Net weight	
GRBT	1400W	230V~	0,6 kg	
GRBT	2000W	230V~	0,7 kg	

HEATING ELEMENT INSTRUCTION MANUAL

1. Usage.

- The heating element is designed to heat water in capacitive water heating elements only.
- The heating element is intended for use under the voltage of 230V~ 50Hz.
- The heating element can be used inside water tanks protected by a magnesium anode.

2. Installation.

The heating element shall be installed only by a qualified installer having valid qualifications while obeying the procedures related to protection against electric shocks. The manufacturer shall not be held liable for damaging the heating element due to improper installation.

- Empty the water heating element.
- Unscrew a hole plug, in which the heating element is to be screwed in.
- Screw on the heating element.
- Fill the heating element with water.
- Check on watertightness of the screw joint and, if necessary, screw on the heating system.
- Plug the heating element to a socket with a protective bolt ensuring essential protection against electric shocks.

3. Operation.

- The heating element is equipped with an in-built temperature limit fuse, which protects it against overheating in the temperature of 90°C. **When the temperature limit fuse works** (the heating element stops working), the heating element must be disconnected from the power supply and the reason for the fuse operation must be established. Prise the knob off with a screwdriver and remove it. Under the knob next to the axis of the thermostat, there is a **buton** which must be **pressed with a fine screwdriver**. Replace the knob. Connect the heating element to power supply.
- GRBT heating element has an in-built thermostat with the temperature range of 5°C - 66°C. To ensure maximum life, the thermostat should be set within the medium values of its range.

4. Misuse.

- The heating element must not be used in stainless steel containers.
- Power must not be connected before the heating element is immersed underwater.
- The heating element must not be cleaned with caustic cleaning substances.
- The heating element must not be repaired on one's own.
- The heating element must not be immersed in a liquid other than the one it was designed to work in.
- The heating element must not work in air.
- GRBT heating element must not be installed in devices with different heat source exceeding a maximum temperature of thermostat operation i.e. 80°C.
- In the event of using a different source of heat (e.g. coal-fired furnace) after the heating season check if the heating element operates properly. In case of improper operation follow the procedures described in p. 3a.

5. Recykling.



This symbol means that used electric and electronic devices cannot be disposed of together with other types of waste. The products must be returned to a specified waste collection station where they will be recycled free of charge. Utilization of used electric and electronic devices helps to protect the natural environment and prevents harmful effects on human health.

GUARANTEE

1. Guarantee conditions.

The Eliko Company on conditions specified herein, hereby issues a guarantee as to the quality to a purchaser for the product specified in a field Type, hereinafter referred to as "the heating element", and agrees to repair the heating element manufacturing defect free of charge, or, should this repair be impossible, to replace the heating element with another defect-free heating element within the time specified in art. 5 hereof. This guarantee applies to the devices sold and used on the territory of the European Union.

2. Period of Guarantee.

The period of guarantee shall cover 24 months from the date of purchase, but shall not exceed 36 months from the date of production.

3. Manufacturer's Obligations.

Under this guarantee, the manufacturer shall repair the faulty heating element, in particular the manufacturer shall:

- a. repair any defects caused by the fault of the manufacturer,
- b. replace the faulty heating element with a defect-free heating element, should the repair be impossible or, if, in the manufacturer's opinion, the cost of the repair shall exceed the cost of the replacement.

4. Making complaints.

- a. Before making a complaint please check if the temperature fuse is not working, as specified in point 3 of the instruction manual.
- b. If the failure has not been caused by the fuse, a qualified installer should remove the heating element.
- c. The complaint must be sent to the local distributor.

5. Repair Period.

The repair period shall be 14 days from the date of delivering the faulty heating element to the manufacturer. In well-grounded cases, the repair period may be prolonged to a period necessary for fulfilling the duties hereunder.

6. Scope of Guarantee.

- a. The guarantee shall cover only these defects which are caused by the fault of the manufacturer.
- b. This guarantee shall not exclude, limit or suspend the purchaser's rights related to the product's inconsistency with the agreement.
- c. The guarantee shall not cover the following faults and defects caused by:
 - mechanical damage, use of chemical agents,
 - breach of art. 7 hereof,
 - inappropriate installation of the heating element,
 - not following the instruction manual and ensuing misuse, as well as inappropriate transport, warehousing, storage, or cleaning of the heating element,
 - using the heating element without observing generally accepted standards of using electric heating elements,
 - soiling the heating element with limescale or removing limescale with inappropriate chemical agents,
 - using the heating element in other devices or other mediums than it was originally designed for.

7. Loss of Guarantee Rights.

The purchaser shall lose their rights hereunder in the event of:

- a. making any repairs or alterations to the heating element on their own,
- b. detection of any interference in any part of the heating element,
- c. disturbing, damaging or removing serial numbers or any other marks identifying the heating element,
- d. losing this guarantee certificate.

8. Purchaser's Rights and Obligations.

- a. The heating element shall be delivered in order to be repaired in a complete set together with this document confirmed by the seller.
- b. The heating element shall be repaired or replaced on condition that the provisions of art.4 hereof are met and a proof of purchase of the heating element shall be presented by a purchaser (a receipt, a VAT invoice).
- c. In the event of finding the heating element submitted for repair free from defects and in good technical order, or if a defect found is not subject to guarantee, a purchaser may be charged for the service and materials as stipulated in the manufacturer's price list.

Eliko[®]
heating elements

Date of production

DD / MM / YY

Date of sale

Seller's stamp