

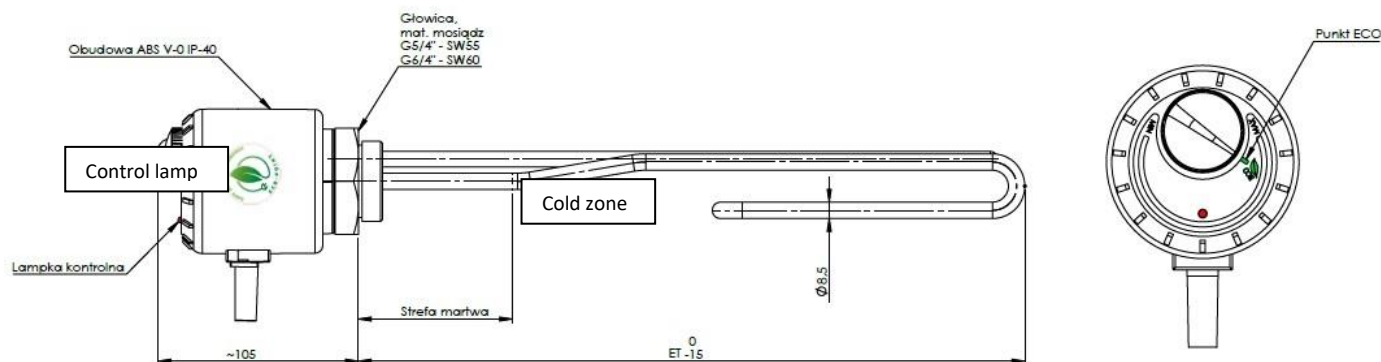


Heating element, type TER-INOX

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Operation manual
Warranty card

TECHNICAL DATA



Type	Power [W]	Voltage [V]	Immersion length L [mm]	Cold zone [mm]	Plug	Net weight [kg]
TER-1500-54-INOX	1500	230~	360	80	5/4"	0,81
TER-2000-54-INOX	2000	230~	360	80	5/4"	0,89
TER-3000-54-INOX	3000	230~	400	80	5/4"	0,93

HEATING ELEMENT OPERATION MANUAL TER-1500/2000/3000-INOX

1. Purpose

- A. Heating element, type TER-INOX is intended for heating water in tanks, made both as enamelled and from stainless steel.
- B. Heating element is intended for operation with the voltage 230V~.
- C. Heating element is suitable for tanks protected with titanium anode.
- D. The heating element can only work in a horizontal position.

2. Method of installation

Installation of the heating element should be performed only by a qualified installer certified by Polish Electricians Association (SEP). The manufacturer is not liable for damage to the heating element following incorrect installation.

- A. Drain all water from the tank. Unscrew the plug/stopper 5/4". In this place, screw in the heating element. Seal it up with the provided seal or with other available means (e.g.. a tow).
- B. Fill up the tank with water, vent the installation and check the leak tightness of the tapped connection. The length of the sleeve for fitting the heater should not exceed 80 mm, so as not to reach beyond the cold zone of the heating element. The enclosure of the heater should not be shielded or thermo-insulated as this can disturb correct operation of the thermostat-regulator mounted in the enclosure. While mounting the heater, make sure that the heating element length matches the depth of the tank and that it does not touch inside parts of the tank, such as heat exchangers, etc.
- C. Insert the power plug into the socket with protective ground pin which ensures basic fire protection.
- D. Using the knob, set the required temperature of the water.

3. Operating

- A. The type TER-INOX heating element has a pre-installed thermostat adjustable within the range of temperatures 5-70°C. To achieve the optimal service life and longevity of the heater it is recommended to not exceed the temperature of 60°C.
- B. The heating element has an integrated additional safety temperature limiter (a so-called STB) which additionally protects the heater against overheating / damage above 87°C. In case of the safety temperature limiter tripping (the heating element stops heating) the heating element should be disconnected from voltage and the cause of the tripping investigated. In order to switch the heater on again, remove the knob of the regulator. Under the knob there is a push-button (reset) which should be pressed in using flat thin screwdriver. Put the knob in place and switch on the heating element. After the water has cooled down to a temperature of about 65°C, the heater returns to the normal operation.
- C. The heating elements, type TER-INOX do not require any surveillance during operation. However, when working with hard water, the heating element should be periodically cleaned from the boiler scale as the scale inhibits the heat flow which, in turn, increases the power consumption and threatens to damage the heating element. The water temperature in the tank can be set using the regulator knob, bearing in mind that power consumption and deposition of scale increases at higher temperatures. For optimal longevity of the heater it is recommended not to exceed the temperature of 60°C.

4. Incorrect operation

- A. The heating element cannot be operated in air. Do not switch on the power until the heater is completely immersed in water.
- B. The heating element cannot be immersed in other liquids except in those for which the manufacturer intended it.
- C. Do not clean the heater using aggressive chemical agents.
- D. Do not install the TER-INOX heater in devices with other heat sources exceeding the temperature of the thermostat.
- E. When using other heat sources (for instance, central heating) after the heating season, the correctness of the heating element operation should be tested. In case of incorrect operation (the heater does not heat), perform the actions described in point 3B

5. Recycling



According to our rules, the product has been manufactured from materials and components of the highest quality, suitable for further processing (recycling). This symbol placed in the attached documentation means that the decommissioned electric and electronic devices cannot be disposed of together with other waste. These products should be disposed of at the assigned waste collection point where they will be received without any fee and processed as appropriate (recycled).

WARRANTY CARD

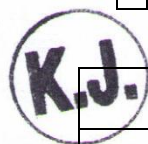
- 1. The manufacturer provides a warranty for correct operation of this product for the period of 24 months from the date of purchase, no longer, however, than 36 months from the date of production.
- 2. The warranty is valid only together with the provided proof of purchase.
- 3. Defects revealed during the warranty period will be rectified immediately, not later, however, than within 14 business days from the date of the complaint submission.
- 4. A TER-INOX heating element which is damaged because of the deposited scale is excluded from the warranty.
- 5. The warranty does not include the following:
 - A. Damage resulting from operation which is contrary to generally accepted rules for operation of this type of equipment, a use not as intended, and against recommendations of the Manufacturer contained in this operation manual.
 - B. Damage due to reasons attributable to the User
 - C. Products interfered with by the unauthorized persons, performing modifications, repair on their own or alterations of construction
 - D. Damage following power outages
 - E. Damage being the result of overvoltage, storms, floods, fires and other unforeseen events
 - F. Damage resulting from incorrect installation or mounting.
 - G. Expandable elements or those worn out in a natural way
 - H. Servicing, control and measurement activities and the system adjustment made on good equipment without any connection with its failure.
 - I. The Guarantor is not liable for damage or losses resulting from operating defective equipment.
 - J. The Guarantor can refuse to make a repair if there is not free access to the equipment.
 - K. In matters not covered by the conditions of this warranty, the appropriate regulations of the Civil Code and the Act of the Specific Conditions of Consumer Sales apply.
 - L. This warranty is given for the equipment purchased and installed in the area of the Republic of Poland.
 - M. This warranty for the purchased consumer goods does not exclude, restrict or suspend the right of a purchaser following the non-conformity of goods with a contract.
- 6. **Loss of warranty**
The purchaser loses the rights resulting from this warranty in case of:
 - A. Performing any repair or modification of the heating element.
 - B. Proven interference with any part of the heating element.
 - C. Damage, meddling or removal of the serial numbers or other identification symbols of the product.
 - D. Loss of this Warranty Card.

Type of heater

☐ TER-1500-54-INOX

☒ TER-2000-54-INOX

☐ TER-3000-54-INOX



Date of production	Date of sale
06/2025	

Date of repair	Scope of repair	Signature