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› EMKE 300W Bathroom Radiator Heating Element User Manual

## EMKE THE3-ADVC

# EMKE 300W Bathroom Radiator Heating Element User Manual

Model: THE3-ADVC

## 1. IMPORTANT SAFETY INFORMATION

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Please read this manual carefully before installation and operation. Keep it for future reference. Failure to follow these instructions may result in electric shock, fire, or injury.

- Ensure the power supply matches the specifications of the heating element.
- Installation must be performed by a qualified electrician or competent person in accordance with local wiring regulations.
- Do not operate the heating element if the cable or plug is damaged.
- Do not immerse the heating element or its control unit in water.
- Keep children away from the device during operation.
- The heating element must always be installed at the bottom of the bathroom radiator.
- Ensure the radiator is filled with liquid before operating the heating element.

## 2. PRODUCT OVERVIEW

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The EMKE 300W Bathroom Radiator Heating Element is designed to provide efficient and controlled heating for your bathroom radiator, allowing for towel drying and ambient warmth. It features a digital display and intelligent thermostat for precise temperature management.



Figure 2.1: The EMKE 300W Heating Element, showing the main unit with its digital display and the coiled power cord leading to a standard plug.



## Menschliches Design

Der Bildschirm und der Einstellbereich sind leicht nach oben geneigt, um die Bedienung und das Verständnis des Betriebsstatus des Heizgeräts zu erleichtern

Figure 2.2: Close-up of the control panel, highlighting the user-friendly design with an angled screen for easy viewing and operation.

### 3. SPECIFICATIONS

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Feature	Specification
Power	300 W
Dimensions (Heating Element)	385 x $\Phi$ 12 mm
Cable Length	1400-1500 mm
Voltage	230 V $\pm$ 10%
Waterproof Rating	IPx4
Adjustable Temperature Range	7-70 °C (Ambient) / 30-70 °C (Electronic Thermostat)
Main Material (Thermostat)	ABS
Main Material (Heating Element)	Stainless Steel 304
Connection Thread	G1/2 inch
Model Number	THE3-ADVC

# Mit Kindersicherung Funktion

Unsere thermostatischen Heizstäbe sind mit einem Berührungsschutzprogramm ausgestattet.

Halten Sie Ihre Kinder und Ihr Zimmer in einer sicheren Umgebung warm.



Figure 3.1: Guide for selecting the correct heating element power and physical dimensions (in mm).

## 4. INSTALLATION (SETUP)

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The installation of the heating element is designed to be straightforward and can be performed at home. However, if you are unsure, consult a qualified professional.

1. **Compatibility Check:** Ensure your bathroom radiator has a G1/2 inch connection thread. The 300W heating element is suitable for bathroom radiators with a power output between 300-600 watts.
2. **Positioning:** The heating element must always be installed at the bottom of the bathroom radiator. This ensures proper heat distribution and safe operation.
3. **Filling the Radiator:** Before installing the heating element, ensure the radiator is properly filled with the appropriate liquid (e.g., water or heat transfer fluid) according to your radiator's instructions.
4. **Secure Installation:** Carefully screw the heating element into the G1/2 inch port at the bottom of the radiator. Ensure it is tightened securely to prevent leaks.
5. **Electrical Connection:** Plug the coiled power cord into a suitable 230V  $\pm$  10% electrical outlet. The cable length is approximately 1400-1500 mm.

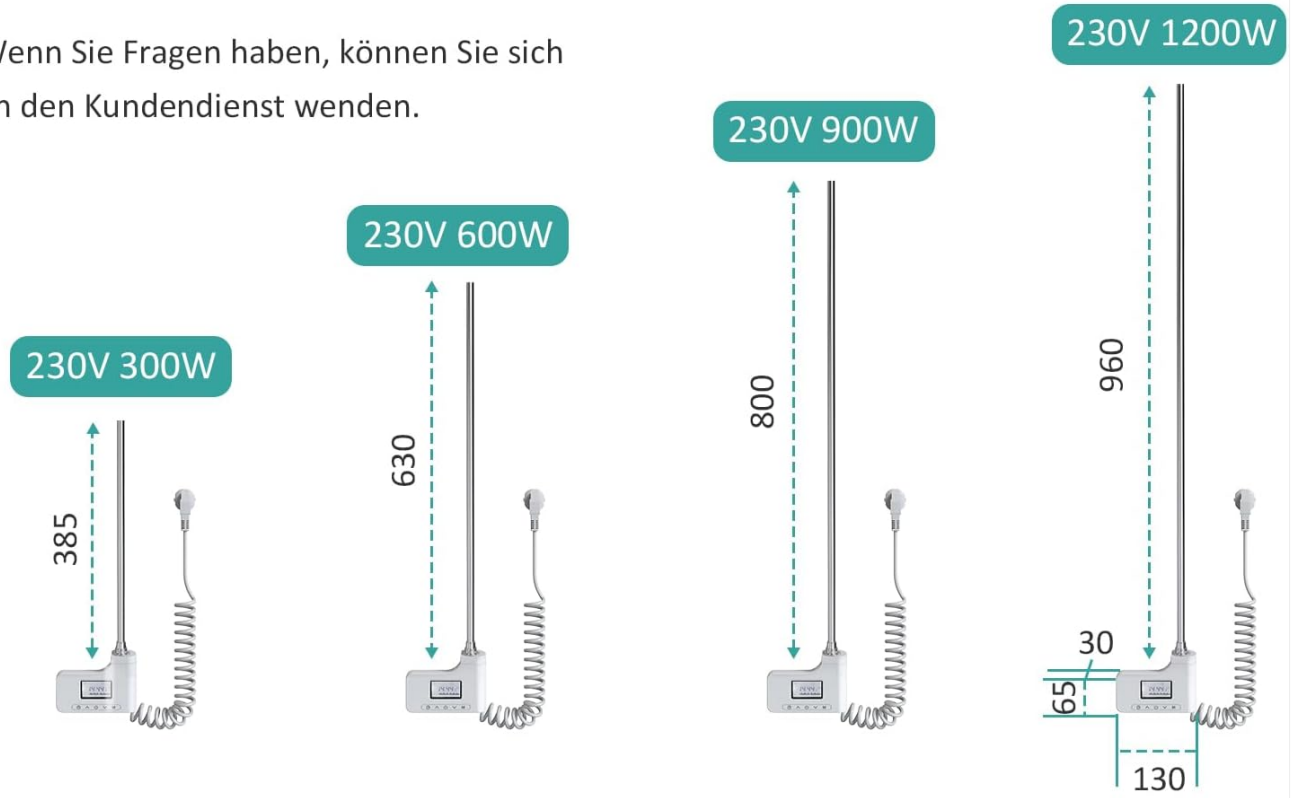
6. **Safety Precaution:** For safety reasons, the heating element does not heat up within 3-4 cm of the power supply connection point.

# Bitte Wählen Sie Den **Richtigen** Heizstab

Länge des Stromkabels 1400 mm,  
Euro-Stecker für zusätzliche Sicherheit

Wärmeleitfähigkeit von Heizkörpern	Empfohlene Leistung des Elektroheizstabs
Weniger als 600W	300W
600-900W	600W
900-1200W	900W
1200-1500W	1200W

Wenn Sie Fragen haben, können Sie sich an den Kundendienst wenden.



Einheit: mm

Figure 4.1: The electric heating element with thermostat correctly installed on a bathroom radiator.



Figure 4.2: An example of the heating element integrated into a modern bathroom radiator setup.

## 5. OPERATION

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The EMKE heating element features intelligent temperature control with six distinct operating modes, allowing for precise temperature management from 30 °C to 70 °C. The digital display provides real-time information on current temperature and settings.



## Elektrischer Heizstab Mit Thermostat

**Leistung** 300W/600W/900W/1200W  
**Spannung** 220 - 240V 50HZ

**Kabellänge** 1400 ± 100 mm  
**Schutzgrad** IP44

Figure 5.1: Overview of the six operating modes and their respective settings.

### Operating Modes:

- **Economy Mode:** Standard temperature is 15 °C. Adjustable range is 7-30 °C.
- **Comfort Mode:** Standard temperature is 19 °C. Adjustable range is 7-30 °C.
- **Frost Protection Mode:** Temperature is fixed at 7 °C and is not adjustable.
- **Boost Mode:** Allows for 30 minutes to 24 hours of continuous heating.
- **Timer Mode:** Can be set to heat at regular intervals.
- **Holiday Mode:** Allows you to set the device's temperature when you are away and specify the number of days you will be gone.

### Child Lock Function:

The thermostatic heating rods are equipped with a touch protection program (child lock function) to ensure a safe environment. Refer to the device's specific instructions for activating and deactivating the child lock.

# Sechs Betriebszustände

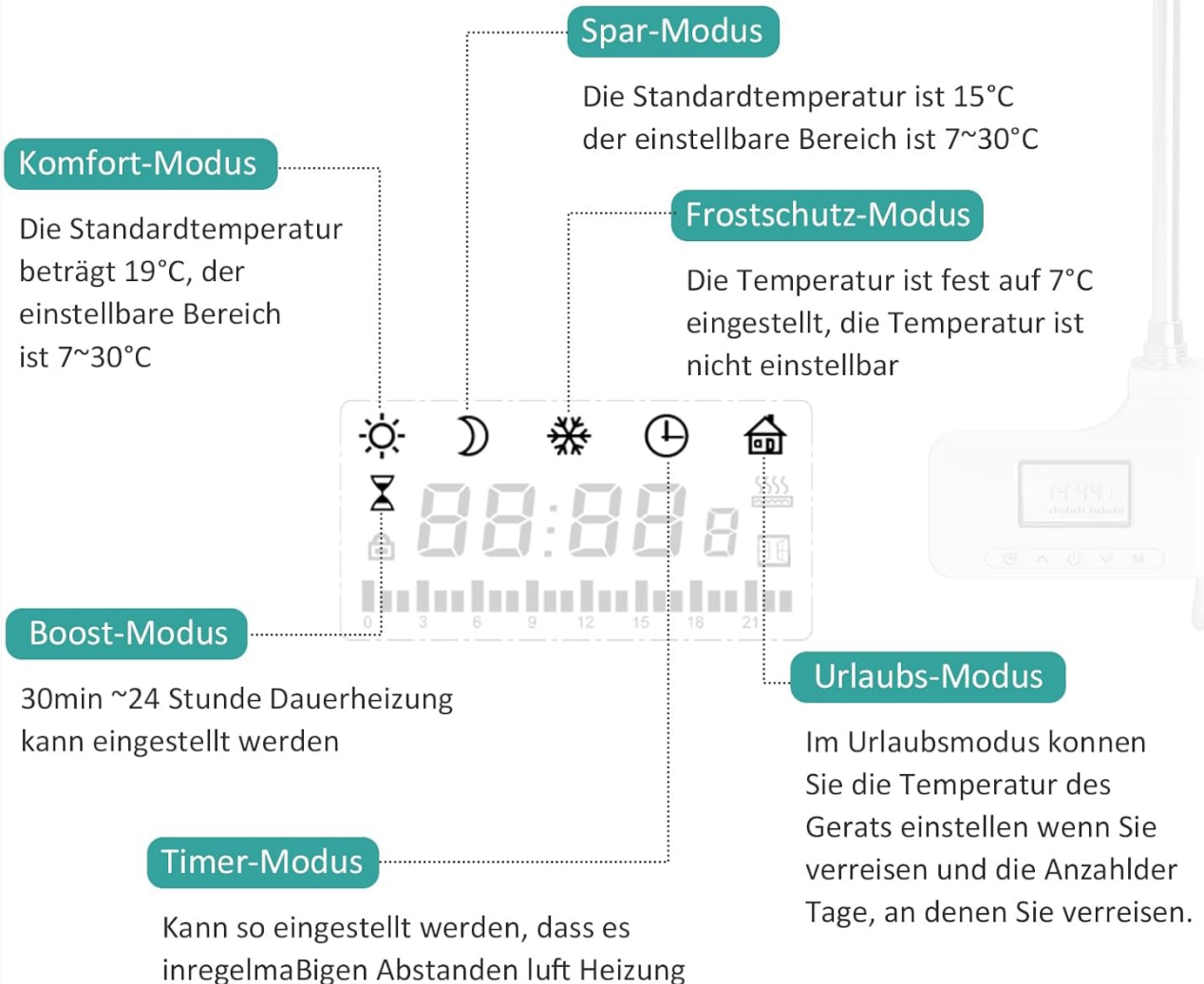


Figure 5.2: The heating element features a child lock function for enhanced safety.

## 6. MAINTENANCE

Regular maintenance ensures the longevity and efficient operation of your EMKE heating element.

- **Cleaning:** Disconnect the power before cleaning. Wipe the exterior of the heating element and control unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the power cord for any signs of damage. Ensure the connection to the radiator is secure and free from leaks.
- **Liquid Level:** Ensure the liquid level in your radiator is maintained as per the radiator manufacturer's guidelines.

## 7. TROUBLESHOOTING

If you encounter issues with your EMKE heating element, refer to the following common solutions:

- **No Power:** Check if the power plug is securely inserted into the outlet. Verify that the circuit breaker has not tripped.
- **Not Heating:** Ensure the desired temperature is set above the current room temperature. Check if the heating

element is in an active heating mode (e.g., Comfort, Boost). Verify the radiator is filled with liquid.

- **Display Issues:** If the digital display is not functioning correctly, try unplugging the unit for a few minutes and then plugging it back in to reset it.
- **Leaks:** If you notice any leaks, immediately disconnect power and tighten the connection thread. If the leak persists, contact customer support.

For persistent problems or issues not covered here, please contact EMKE customer support.

## 8. WARRANTY AND SUPPORT

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EMKE provides comprehensive services to ensure a smooth experience with your product.

- **Return Policy:** A 14-day return policy is offered.
- **Repair Service:** The product includes a 2-year repair service.
- **Customer Support:** If you have any questions or require assistance, please contact EMKE customer service. Contact details can typically be found on the product packaging or the official EMKE website.