

EMKE THE530A-VC

EMKE 300W WiFi Smart Thermostatic Heating Rod User Manual

Model: THE530A-VC

1. INTRODUCTION

Thank you for choosing the EMKE 300W WiFi Smart Thermostatic Heating Rod. This device is designed to provide efficient and intelligent heating for your bathroom radiators and towel warmers, ensuring comfort and convenience. Made from high-quality stainless steel, it offers durability and a sleek design. This manual provides essential information for safe installation, operation, and maintenance of your heating rod.



Image 1.1: The EMKE 300W WiFi Smart Thermostatic Heating Rod, showcasing its controller, connectivity with a smartphone application, and compatibility with smart home devices.

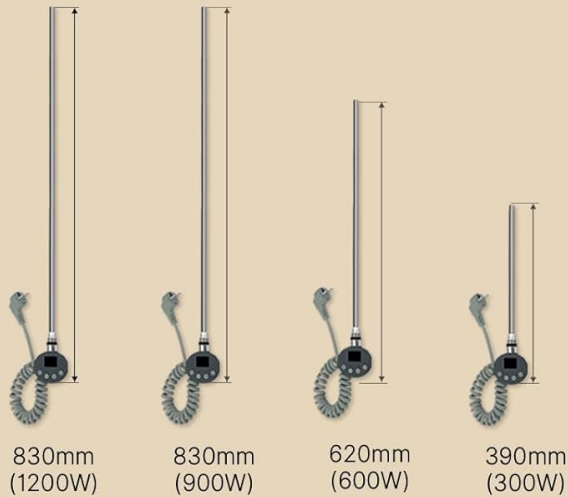
2. SAFETY INSTRUCTIONS

Please read all safety instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or personal injury.


- The heating element must be installed only in a bathroom radiator for safety reasons.
- Before installation, ensure the power supply is completely switched off.
- During installation, ensure the bathroom radiator contains sufficient liquid (water/antifreeze).


- The towel warmer and heating element must be installed by qualified plumbers and electricians.
- The non-heating part of the rod is not heated for safety reasons.
- This device is rated IPX4, making it suitable for humid environments like bathrooms.
- Features child lock protection to prevent accidental changes.
- Includes overheating protection for enhanced safety.
- Automatic frost protection activates at temperatures below 7°C.


Heizstab Produktdaten




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

 Das Heizelement darf aus Sicherheitsgründen nur unter dem Badheizkörper montiert werden!

 Stellen Sie vor Beginn der Installation sicher, dass die Stromversorgung vollständig ausgeschaltet ist.

 Achten Sie beim Einbau des Heizstabes darauf, dass sich im Badheizkörper genügend Flüssigkeit (Wasser / Frostschutzmittel) befindet.

 Der Handtuchwärmer und die Heizelementeinheit müssen von qualifizierten Klempnern und Elektrikern installiert werden.


 **Bitte beachten:**
Der netzseitige Teil des Heizstabes darf aus Sicherheitsgründen nicht aufgeheizt werden.

Image 2.1: Important safety guidelines and installation considerations for the EMKE heating rod, including professional installation recommendations.

3. PACKAGE CONTENTS

Verify that all components are present in the package:

- EMKE Thermostatic Heating Rod (Model: THE530A-VC)
- Mounting Set
- Assembly Instructions

4. SPECIFICATIONS

Feature	Specification
Model Number	THE530A-VC
Power	300 W
Voltage	220-240 V, 50 Hz
Protection Rating	IPX4
Protection Class	Class I
Connection Thread	G1/2"
Heating Rod Dimensions	390 x 12 mm (Length x Diameter)
Cable Length	700 – 1400 mm
Max Operating Pressure	10 bar
Material	High-quality 304 Stainless Steel
Temperature Range	7°C to 30°C
Recommended Radiator Power	Ideal for towel warmers with 300 to 600 W power.



Hochwertiges
Kabelschutzmaterial



Europäische
Standardstecker



Edelstahl
SUS304



LED
Display

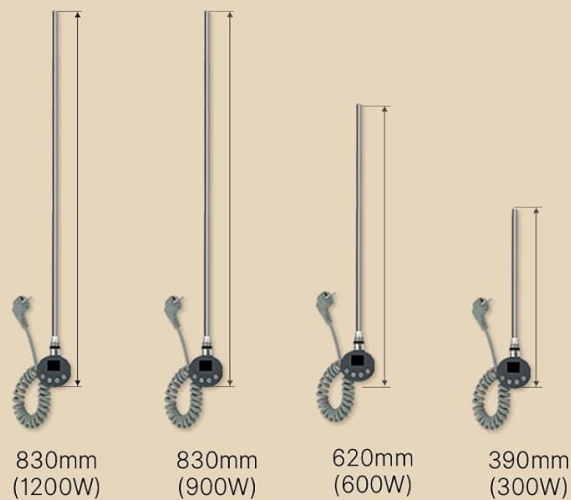
Image 4.1: Detailed view of the heating rod's components, highlighting the quality materials and design, including the SUS304 stainless steel and LED display.

5. SETUP AND INSTALLATION

The EMKE heating rod is designed for easy installation, but it is crucial to follow these guidelines for safety and optimal performance.

1. **Preparation:** Ensure the power supply to the radiator is completely disconnected before beginning installation.
2. **Radiator Fluid:** Confirm that your bathroom radiator contains sufficient liquid (water or antifreeze solution).
3. **Placement:** The heating rod must always be installed at the bottom of the towel warmer or radiator.
4. **Mounting:** Use the provided mounting set to securely attach the heating rod to your radiator.
5. **Professional Installation:** For safety and compliance, it is recommended that the installation be performed by qualified plumbers and electricians.

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Bitte beachten:
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Image 5.1: Visual guide for safe installation practices, emphasizing the importance of professional assistance and correct placement within the radiator.

6. OPERATING INSTRUCTIONS

The EMKE heating rod offers intelligent control options for a comfortable environment.

6.1. Manual Control

The integrated controller allows for direct temperature adjustments and mode selection.

- **Power Button:** Press to turn the device on or off.
- **Mode Button:** Cycle through available heating modes.
- **Temperature/Time Adjustment Buttons (+/-):** Adjust the desired temperature or set timer values.



Image 6.1: Detailed view of the control panel, indicating the function of each button for manual operation.

6.2. Smart WiFi Control via App

Control your heating rod remotely using the smartphone application. This feature allows for flexible scheduling and precise temperature management.

1. **Download App:** Download the compatible smart home application (e.g., Tuya Smart) on your smartphone.
2. **Pair Device:** Follow the in-app instructions to pair your EMKE heating rod with your WiFi network.
3. **Remote Control:** Adjust temperature, switch modes, and set schedules from anywhere.
4. **7-Day/24-Hour Programming:** Create custom heating schedules to ensure your bathroom is warm when you need it.
5. **Precise Temperature Selection:** Set temperatures accurately between 7°C and 30°C.

Temperatur jederzeit fernsteuern.



Image 6.2: Demonstrates remote control capabilities of the heating rod through a smartphone application, allowing users to manage settings from a distance.

6.3. Heating Modes

The intelligent thermostat offers four heating modes for various needs:

- **Comfort Mode:** Provides a consistently warm environment (e.g., 30°C).
- **Economy Mode:** Maintains a lower, energy-saving temperature (e.g., 20°C).
- **Boost Mode:** Rapidly heats the area to a higher temperature (e.g., 70°C for quick towel drying).
- **Frost Protection Mode:** Prevents freezing by maintaining a minimum temperature (below 7°C).

Vier Modelle

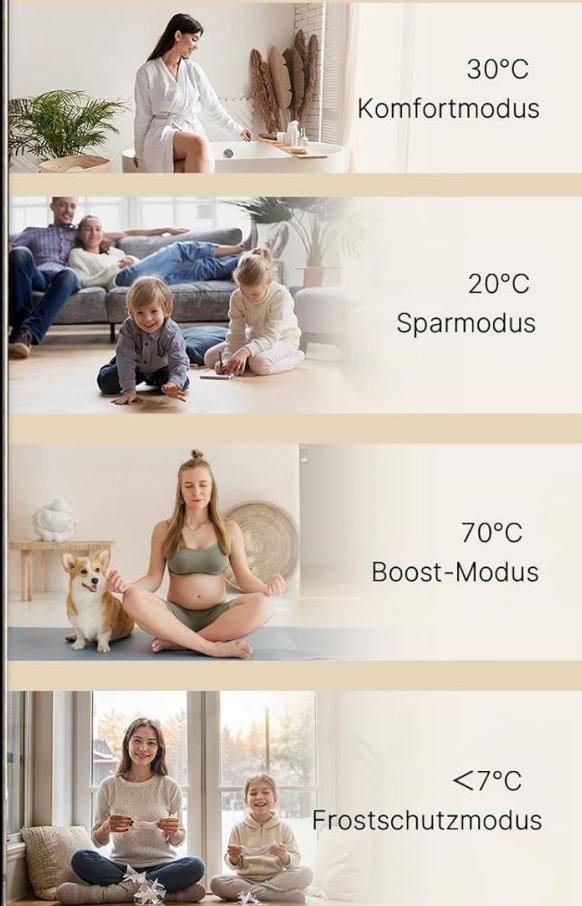
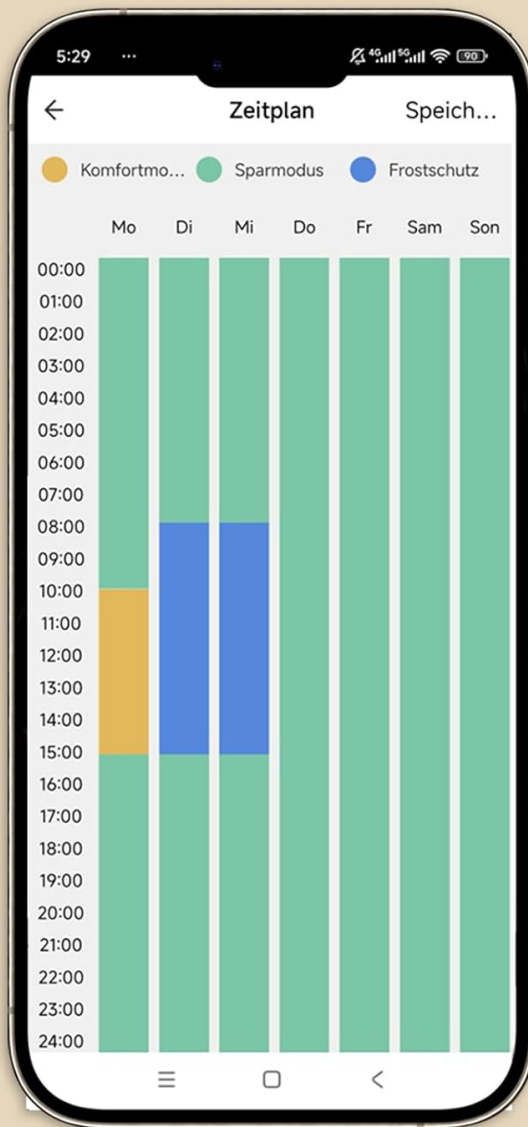


Image 6.3: An example of the weekly programming interface on the smartphone app, illustrating how different heating modes can be scheduled throughout the day and week.

6.4. Smart Home Integration

The EMKE heating rod is compatible with popular smart home systems like Amazon Alexa and Google Home, allowing for voice control.

- **Voice Commands:** Use voice commands to adjust the temperature or change settings (e.g., "Alexa, set the bathroom temperature to 22 degrees.").

Smart-Home-Design, damit Sie die Hände frei haben.

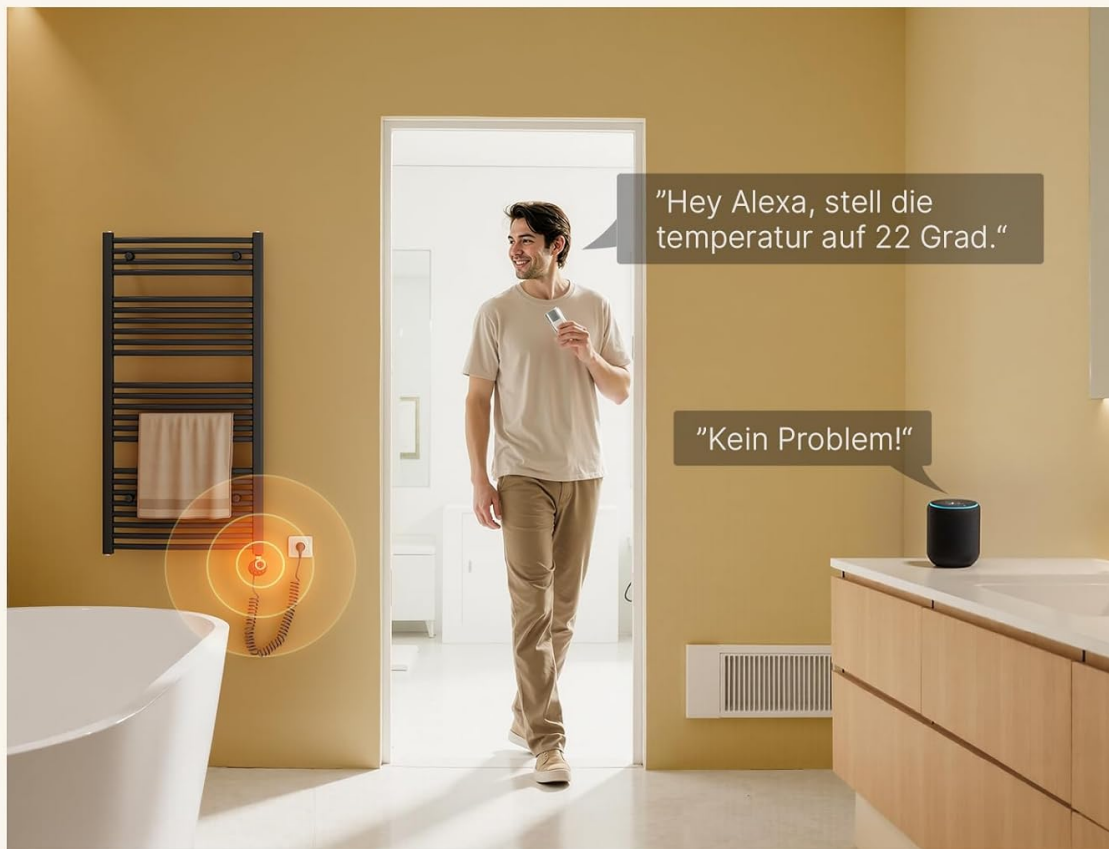


Image 6.4: Illustration of voice control functionality with smart home assistants, providing hands-free operation of the heating rod.

7. MAINTENANCE

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

- **Cleaning:** Disconnect the power supply before cleaning. Wipe the surface of the heating rod and controller with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- **Inspection:** Periodically check the power cable and plug for any signs of damage. If damage is found, discontinue use and contact customer support.
- **Self-Cleaning Function:** The device may feature a self-cleaning function. Refer to the app or detailed instructions for activation and frequency.



Image 7.1: Features like child lock, temperature compensation, window detection, and a self-cleaning reminder, which contribute to the device's safety and ease of maintenance.

8. TROUBLESHOOTING

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

Problem	Possible Cause	Solution
Device not heating	No power, incorrect settings, or insufficient fluid in radiator.	Check power connection. Verify temperature settings. Ensure radiator has adequate fluid.
WiFi connection issues	Incorrect WiFi password, device too far from router, or app not paired.	Re-enter WiFi password. Move device closer to router. Re-pair device in the app.
Inaccurate temperature reading	Sensor interference or need for calibration.	Ensure sensor is clear. Check app for temperature compensation settings (-5°C to 5°C).

Problem	Possible Cause	Solution
Child lock engaged	Controls are locked.	Refer to the app or specific instructions to deactivate the child lock.





9. WARRANTY AND SUPPORT

EMKE is committed to providing high-quality products and customer satisfaction.

- **Return Policy:** The product is covered by a 14-day return policy.
- **Repair Service:** A 2-year repair service is provided for manufacturing defects.
- **Contact Support:** For any questions, technical assistance, or warranty claims, please contact EMKE customer service through the retailer or official website.

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Related Documents - THE530A-VC

	<p>EMKE PTR PCTR Electric Towel Rail Installation and User Manual</p> <p>Comprehensive installation and user guide for the EMKE PTR PCTR electric towel rail. Learn about setup, operation modes, app connectivity, and troubleshooting for your heated towel rail.</p>
	<p>EMKE ESFTR Electric Radiator Instruction Manual</p> <p>Comprehensive instruction manual for the EMKE ESFTR Electric Radiator, covering installation, operation, technical specifications, app connectivity, and safety guidelines.</p>
	<p>EMKE Smart Heating Element: Installation and User Manual</p> <p>Comprehensive installation and user manual for the EMKE Smart Heating Element, covering setup, operation, app control, safety guidelines, and disposal instructions.</p>
	<p>EMKE ERG200W Electric Glass Panel Heater - Instruction Manual</p> <p>Comprehensive instruction manual for the EMKE ERG200W Electric Glass Panel Heater. Covers safety warnings, technical specifications, installation (freestanding and wall-mount), control panel functions, WiFi connectivity and app usage via the Smart Life app, cleaning, maintenance, and disposal instructions.</p>



[EMKE ERG200W Electric Glass Panel Heater: Instruction Manual & User Guide](#)

This EMKE ERG200W Electric Glass Panel Heater instruction manual provides essential guidance on safety, technical specifications, installation (freestanding and wall-mount), control panel operation, WiFi connectivity via the Smart Life app, cleaning, maintenance, and disposal. Ensure safe and optimal use of your EMKE heater.