

Teka EWH50D Slim (42080060)

Teka EWH50D Slim Electric Water Heater User Manual

Model: EWH50D Slim (42080060) | Brand: Teka

1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Teka EWH50D Slim Electric Water Heater. Please read this manual thoroughly before installation and use, and keep it for future reference.

The Teka EWH50D Slim is a high-capacity electric water heater designed for both vertical and horizontal installation, featuring smart control technology and robust safety mechanisms to ensure reliable hot water supply for your home.

2. SAFETY INFORMATION

Your safety and the safety of others are paramount. Always adhere to the following safety precautions:

- **Electrical Safety:** The unit is equipped with an automatic electrical leakage protection switch. Ensure proper grounding and electrical installation by a qualified professional.
- **Overheating Protection:** The water heater includes protection against overheating. Do not tamper with safety devices.
- **Dry Heating Protection:** Features protection against dry heating (operation without water).
- **Pressure Relief Valve:** A safety valve is included to manage internal pressure. Do not block or remove this valve.
- **Water Resistance:** The unit has an IPX4 moisture protection rating, making it suitable for humid environments. However, avoid direct water spray.
- **Installation:** Installation must comply with local plumbing and electrical codes. It is highly recommended to have the unit installed by a certified technician.
- **Children and Vulnerable Persons:** This appliance can be used by children aged 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- **Temperature:** Hot water can cause severe burns. Exercise caution when using hot water, especially with children or individuals with reduced sensitivity.

3. PRODUCT DESCRIPTION AND FEATURES

The Teka EWH50D Slim Electric Water Heater is designed for efficiency and convenience, offering a reliable hot water solution for households of 2-3 people. Key features include:

- **Capacity:** 47 liters (equivalent to 50 liters nominal capacity).
- **Installation Flexibility:** Supports both vertical and horizontal mounting.
- **Smart Control Card:** Advanced electronic control for optimized performance.
- **Dual Enameled Tanks:** Features 2 sapphire-enameled tanks for enhanced durability and optimal water stratification.
- **Ceramic Resistance:** Equipped with ceramic heating elements for efficient and long-lasting performance.
- **Adjustable Thermostat:** Temperature range from 30°C to 75°C.
- **Safety Valve:** Pressure relief valve with a rating of > 7.5 bar.
- **Digital Thermometer:** Integrated display for current water temperature.
- **Power Settings:** Two power levels: 1200W and 800W, with a maximum total power of 2000W.
- **Insulation:** 18 mm insulation thickness for efficient heat retention.



Figure 3.1: Front view of the Teka EWH50D Slim Electric Water Heater, showing the control panel and brand logo.



Figure 3.2: Illustration demonstrating the flexible vertical and horizontal installation options for the water heater.



Figure 3.3: Detailed view of the digital control panel and temperature adjustment knob.

4. SETUP AND INSTALLATION

Proper installation is crucial for the safe and efficient operation of your water heater. It is strongly recommended that installation be performed by a qualified plumber or technician.

4.1. Pre-Installation Checks

- Verify that the installation location can support the weight of the water heater when full (approx. 47 kg + unit weight).
- Ensure adequate space for maintenance and ventilation around the unit.
- Confirm that the electrical supply matches the unit's requirements (220 Volts, 2000 Watts).

4.2. Mounting

The EWH50D Slim can be installed vertically or horizontally. Use appropriate mounting hardware (not always included) and follow the specific instructions provided in the full installation guide (usually packed with the product) for secure attachment to the wall.

4.3. Plumbing Connections

- Connect the water inlet and outlet pipes using G ½ connections.
- Install the provided safety valve on the cold water inlet.
- Ensure all connections are watertight to prevent leaks.
- Before powering on, fill the tank completely with water and check for leaks.

4.4. Electrical Connection

- Connect the water heater to a dedicated electrical circuit with appropriate circuit breakers.
- Ensure proper grounding to prevent electrical hazards.

5. OPERATING INSTRUCTIONS

Once installed and filled with water, your Teka EWH50D Slim is ready for operation.

5.1. Initial Power On

- Ensure the tank is full of water before turning on the power.
- Switch on the main power supply to the water heater. The digital display will illuminate.

5.2. Setting Temperature

- Use the control knob or buttons on the front panel to adjust the desired water temperature. The temperature can be

set between 30°C and 75°C.

- The digital thermometer will show the current water temperature.

5.3. Power Modes

The unit offers different power settings for heating efficiency:

- **Mode 1 (800W):** Lower power consumption, suitable for maintaining temperature or when less hot water is needed.
- **Mode 2 (1200W):** Higher power for faster heating.
- **Combined (2000W):** Both elements can operate for maximum heating speed.
- **Smart Control / Auto Mode (Mode 3):** The intelligent system learns your hot water consumption patterns and automatically adjusts heating cycles to optimize energy usage and ensure hot water availability when needed. This mode is recommended for energy efficiency.

The average consumption is suitable for 2-3 people.

6. MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your electric water heater.

- **Annual Inspection:** It is recommended to have a qualified technician inspect the water heater annually.
- **Drain and Flush:** Periodically drain and flush the tank to remove sediment buildup, which can reduce efficiency and lifespan. The frequency depends on your water quality.
- **Anode Rod Check:** The anode rod protects the tank from corrosion. It should be inspected and replaced as needed, typically every 1-3 years.
- **Safety Valve Test:** Test the pressure relief valve at least once a year by lifting the lever. Ensure water flows out and the valve reseats properly.
- **Cleaning:** Clean the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.

7. TROUBLESHOOTING

Before contacting customer service, please refer to the following common issues and their potential solutions:

Problem	Possible Cause	Solution
No hot water or insufficient hot water.	Power supply off, thermostat set too low, heating element failure, sediment buildup.	Check power, adjust thermostat, consult technician for element replacement or tank flushing.
Water is too hot.	Thermostat set too high.	Lower the thermostat setting.
Leaking from the unit.	Loose connections, faulty safety valve, tank corrosion.	Tighten connections, replace safety valve, contact technician for tank inspection.
Low hot water pressure.	Sediment buildup in pipes or tank, faulty pressure regulator.	Flush the tank, check household water pressure, consult plumber.
Unusual noises (e.g., popping, rumbling).	Sediment buildup in the tank.	Drain and flush the tank.

Problem	Possible Cause	Solution
Automatic protection switch trips.	Electrical fault, overheating, dry heating.	Do not bypass. Unplug, check for obvious issues, and contact a qualified electrician.

If the problem persists after attempting these solutions, please contact Teka customer support or a certified service technician.

8. SPECIFICATIONS

Attribute	Value
Brand	Teka
Model Number	42080060
Product Dimensions	1.7 x 21 x 30 cm (packaging/product box dimensions); 21 cm (width) x 30 cm (height) (product dimensions)
Product Weight	25 kg
Capacity	47 Liters (Slim design, 50 liters nominal)
Installation Type	Vertical/Horizontal (Wall Mount)
Wattage	2000 Watts (Two levels: 1200W/800W)
Voltage	220 Volts
Maximum Temperature	75 Degrees Celsius
Maximum Operating Pressure	7.5 Bar (0.75 Mpa)
Insulation Thickness	18 mm
Connection Type	G ½
Special Feature	Pressure Release Valve, Smart Control Card, Thermometer
Origin	Spain

9. WARRANTY AND SUPPORT

Teka products are manufactured with high-quality materials to ensure proper functioning and durability.

Warranty Information: The standard warranty period for this product is typically 3 years. Please note that while some older product stickers might indicate a 5-year warranty, the current official warranty period is 3 years. Always refer to your purchase documentation or contact Teka directly for the most accurate and up-to-date warranty terms specific to your region.

Customer Support: For technical assistance, spare parts, or warranty claims, please contact Teka customer service. You can find contact information on the official Teka website or through your local distributor.

Visit the official Teka store for more products and information:[Teka Amazon Store](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question