

## Toshiba DSK33ES5SB

# Toshiba DSK33ES5SB Instant Electric Water Heater User Manual

Model: DSK33ES5SB

## INTRODUCTION

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This manual provides essential instructions for the safe installation, operation, and maintenance of your Toshiba DSK33ES5SB Instant Electric Water Heater. Please read this manual thoroughly before installation and use, and retain it for future reference. Proper adherence to these instructions will ensure optimal performance and longevity of your appliance.

## IMPORTANT SAFETY INFORMATION

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Always observe the following safety precautions to reduce the risk of electric shock, fire, injury to persons, or damage to property.

- **Electrical Installation:** Installation must be performed by a qualified electrician in accordance with all local and national electrical codes. Ensure the power supply matches the voltage requirements of the heater (230V±10%, extreme conditions 260V).
- **Water Connection:** All plumbing connections must be performed by a qualified plumber. Ensure proper water pressure and secure connections to prevent leaks.
- **Grounding:** The appliance must be properly grounded to prevent electric shock. Do not remove the grounding prong.
- **Water Temperature:** Exercise caution when adjusting water temperature to prevent scalding.
- **Maintenance:** Disconnect power before performing any maintenance or cleaning.
- **Children and Vulnerable Persons:** This appliance is not intended for use by persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.
- **Splash-Proof:** The unit is designed with an IP25 splash-proof standard, but it should not be submerged in water or exposed to direct high-pressure water jets.

## PRODUCT OVERVIEW

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The Toshiba DSK33ES5SB is an instant electric water heater designed for efficient and convenient hot water

supply. Key features include:

- Built-in auto flow sensor for automatic operation.
- Durable double copper heating element for rapid heating.
- Splash-proof IP25 standard for enhanced safety in bathroom environments.
- Stepless electronic temperature control for precise temperature adjustment.
- Includes a 5-spray pattern showerhead for varied showering experiences.
- Features double disconnection mode for added electrical safety.



*Figure 1: Front view of the Toshiba DSK33ES5SB Instant Electric Water Heater. This image shows the compact design and control panel.*

## SETUP AND INSTALLATION

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Installation of this instant electric water heater requires professional expertise. It is strongly recommended that installation be carried out by a qualified electrician and plumber to ensure safety and compliance with local regulations.

### Pre-Installation Checklist:

- Verify that the electrical supply voltage and current capacity are compatible with the heater's requirements.

- Ensure adequate water pressure is available at the installation site.
- Select a suitable wall-mounting location, away from direct splashes and within reach of power and water lines.
- Confirm all necessary mounting hardware and plumbing fittings are available.

## Installation Steps (Professional Installation Recommended):

1. **Mounting:** Securely mount the water heater to a sturdy wall using appropriate fasteners. The unit is designed for wall mounting.
2. **Water Connections:** Connect the water inlet and outlet pipes. Ensure all connections are watertight and sealed properly to prevent leaks.
3. **Electrical Connections:** Connect the electrical wiring to a dedicated circuit breaker, ensuring proper grounding. Follow the wiring diagram provided in the full installation guide (not included in this manual).
4. **Water Flow Check:** Before powering on, open the water supply to the heater and allow water to flow through the showerhead to purge any air from the system. Check for leaks.
5. **Power On:** Once water flow is established and checked, switch on the electrical power supply to the unit.

## OPERATING INSTRUCTIONS

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The Toshiba DSK33ES5SB is designed for user-friendly operation.

1. **Power On:** Ensure the main power switch for the water heater is in the "ON" position.
2. **Water Flow Activation:** Turn on the water tap or shower mixer connected to the water heater. The built-in auto flow sensor will detect water flow and automatically activate the heating element.
3. **Temperature Adjustment:** Use the stepless electronic temperature control knob or buttons on the unit to adjust the desired water temperature. Rotate clockwise for hotter water, counter-clockwise for cooler water. The selected temperature may be visible on a display, if equipped.
4. **Showerhead Settings:** Utilize the 5-spray pattern showerhead to select your preferred water spray type (e.g., massage, mist, full spray).
5. **Power Off:** To turn off the heater, simply close the water tap or shower mixer. The auto flow sensor will deactivate the heating element. For extended periods of non-use, it is recommended to switch off the main power supply to the unit.

**Note:** Water temperature can fluctuate depending on the incoming water volume and temperature. Adjust the control as needed for consistent comfort.

## MAINTENANCE

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Regular maintenance ensures the longevity and efficient operation of your water heater.

- **Cleaning the Exterior:** Wipe the exterior casing with a soft, damp cloth. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish. Ensure the unit is powered off before cleaning.
- **Showerhead Cleaning:** Periodically clean the showerhead nozzles to remove mineral deposits and ensure optimal spray patterns. Most showerheads have rubber nozzles that can be rubbed to dislodge deposits, or they can be soaked in a descaling solution.
- **Inlet Filter Cleaning:** The water inlet may have a filter screen to prevent debris from entering the unit. Refer to the full product manual for instructions on how to safely access and clean this filter, if applicable. This typically requires turning off the water supply and disconnecting the inlet hose.
- **Professional Inspection:** It is recommended to have a qualified technician inspect the unit annually,

especially for electrical and plumbing connections, to ensure continued safe and efficient operation.

## TROUBLESHOOTING

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

| Problem                              | Possible Cause  | Solution   |
|--------------------------------------|---|--|
| No hot water / Heater not turning on | No power supply.<br>Insufficient water flow.<br>Thermal cut-out activated.                        | Check circuit breaker and main power switch.<br>Ensure water tap is fully open and water pressure is adequate.<br>Turn off power, wait 10-15 minutes, then turn back on. If problem persists, contact service. |
| Water not hot enough                 | Temperature setting too low.<br>High incoming water flow rate.<br>Low incoming water temperature. | Increase temperature setting using the control knob.<br>Reduce water flow rate at the tap.<br>This is normal in colder climates; adjust flow rate or temperature setting.                                      |
| Water is too hot                     | Temperature setting too high.<br>Low incoming water flow rate.                                    | Decrease temperature setting using the control knob.<br>Increase water flow rate at the tap.   |
| Water leakage                        | Loose plumbing connections.<br>Damaged seals or internal components.                              | Immediately turn off water supply and power. Tighten connections. If leakage persists, contact a qualified plumber or service center.  |

For issues not listed here or if solutions do not resolve the problem, please contact Toshiba customer support or a qualified service technician.

## SPECIFICATIONS

Technical specifications for the Toshiba DSK33ES5SB Instant Electric Water Heater:

| Feature          | Detail  |
|------------------|---|
| Model            | DSK33ES5SB  |
| Brand            | Toshiba   |
| Power Source     | Corded Electric   |
| Voltage          | 230V±10% (Extreme conditions 260V application voltage)  |
| Heating Element  | Double Copper   |
| Special Features | Stepless Electronic Temperature Control, 5 Spray Pattern Showerhead, Built-in Auto Flow Sensor, Double Disconnection Mode |

| Feature                    | Detail  |
|----------------------------|---|
| Splash-Proof Standard      | IP25  |
| Product Dimensions         | 40W x 9.7H centimetres (approximate, based on available data) |
| Material                   | Copper (heating element)                                      |
| Mounting Type              | Wall  |
| Maximum Operating Pressure | 8 Bars  |
| Included Components        | 1 x Water Heater  |

## WARRANTY AND SUPPORT

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Your Toshiba DSK33ES5SB Instant Electric Water Heater is covered by a manufacturer's warranty. The specific terms and duration of the warranty may vary by region and retailer. Please refer to the warranty card included with your product or visit the official Toshiba website for detailed warranty information.

For technical support, service requests, or inquiries regarding your product, please contact Toshiba customer service through their official website or the contact information provided in your product documentation. When contacting support, please have your model number (DSK33ES5SB) and purchase date readily available.

**Online Resources:** For additional information, FAQs, or to locate authorized service centers, please visit the [Toshiba Singapore Store](#) or the official Toshiba global website.