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Hitachi BW-V70E

Hitachi Beat Wash Fully Automatic Washing Machine BW-V70E User Manual

Model: BW-V70E | Capacity: 7kg

1. Introduction

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Hitachi Beat Wash BW-V70E fully automatic washing machine. Please read this manual thoroughly before using the appliance and keep it for future reference.

2. Safety Information

To ensure safe operation, always follow these basic precautions:

- Ensure the washing machine is installed on a stable, level surface.
- Do not operate the machine if the power cord or plug is damaged.
- Keep children and pets away from the appliance during operation.
- Do not wash items that are waterproof or easily flammable.
- Always unplug the machine before cleaning or performing maintenance.
- Do not attempt to repair or modify the appliance yourself. Contact qualified service personnel.

3. Product Overview

The Hitachi Beat Wash BW-V70E is a fully automatic washing machine designed for efficient and thorough cleaning. It features a 7kg washing capacity and a compact body width of 53cm.



Figure 3.1: Front view of the Hitachi Beat Wash BW-V70E washing machine, showing the top-loading lid and control panel.

4. Setup and Installation

4.1 Space Requirements

Ensure adequate space for installation and operation. The machine requires a minimum of 10cm clearance above the product dimensions for carrying in, and 10-15cm clearance when the lid is fully open. Allow at least 1cm clearance from walls on the sides and rear.

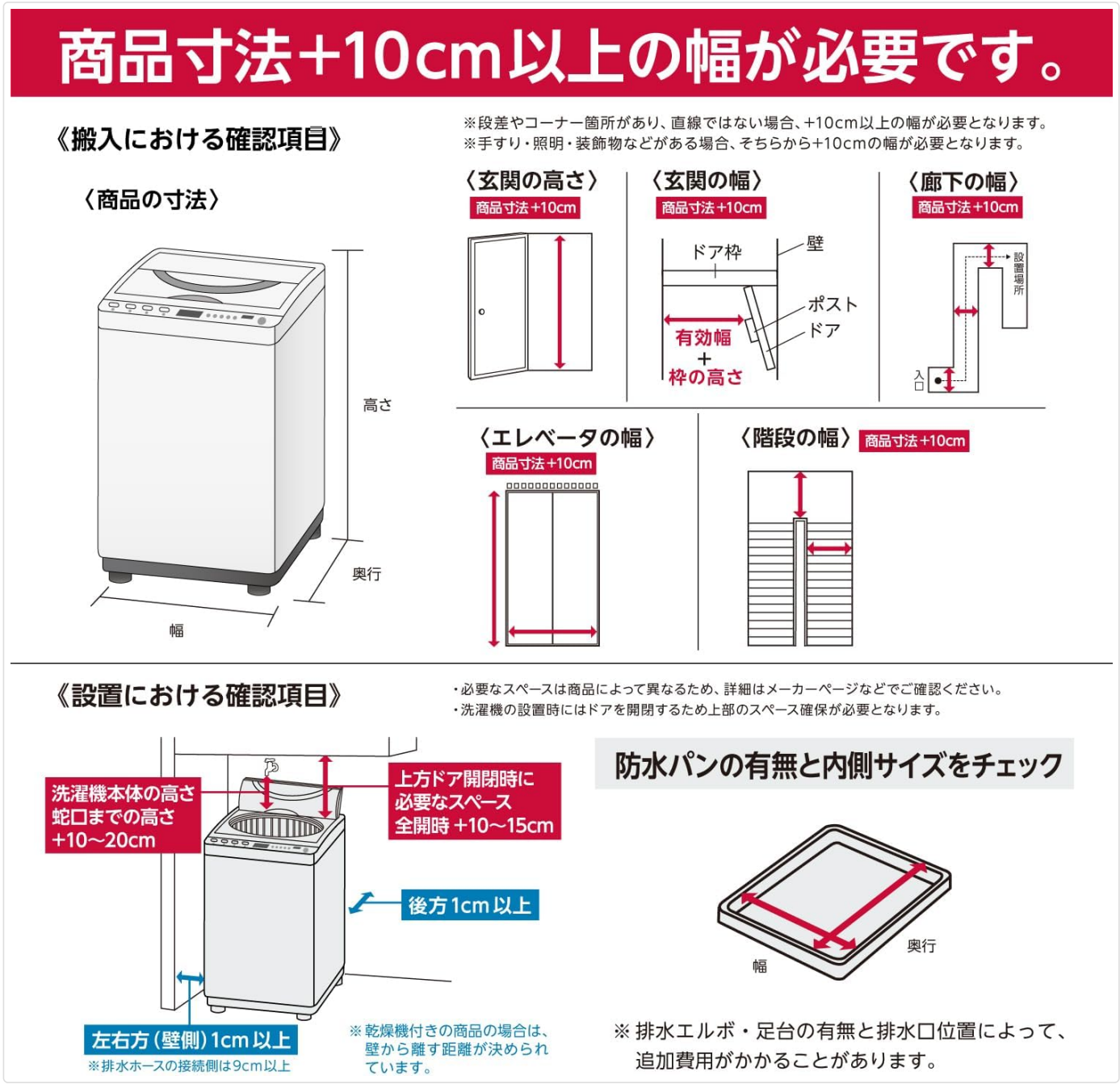


Figure 4.1: Diagram illustrating the required clearances for installation, including product dimensions, entrance height, elevator width, staircase width, and space around the machine for hose connections and lid opening.

The machine fits in waterproof pans with an inner depth of 530mm or more. The drain hose connection side requires 9cm or more clearance. Additional costs may be incurred depending on the presence of a drain elbow/foot stand and the position of the drain.

4.2 Connecting Hoses

- Connect the water supply hose to the faucet and the machine's water inlet.
- Ensure the drain hose is properly installed to allow water to flow out freely.

5. Operation

5.1 Control Panel

The washing machine features a push-button control panel for selecting various functions and courses.

5.2 Detergent Select

The 'Detergent Select' function optimizes washing and rinsing based on the type of detergent used (liquid or powder). Press the 'Detergent Select' button to choose your detergent type.



Figure 5.1: Illustration of the 'Detergent Select' feature, showing how the machine adjusts washing and rinsing cycles for liquid (1 rinse) and powder (2 rinses) detergents to maximize cleaning power.

5.3 Niagara Beat Wash

The 'Niagara Beat Wash' uses a large flow and high concentration detergent to effectively remove tough stains like food oil and mud, reducing the need for pre-washing.



Figure 5.2: Before and after comparison of a shirt with a food oil stain, demonstrating the effectiveness of the 'Niagara Beat Wash' in removing tough stains.

5.4 Soak Niagara Beat Wash

This function targets yellowing caused by sebum oxidation. Clothes are thoroughly soaked in a high-concentration detergent solution and gently washed with the Beat Wing X. Set this function by pressing the 'High Concentration Soak' button.

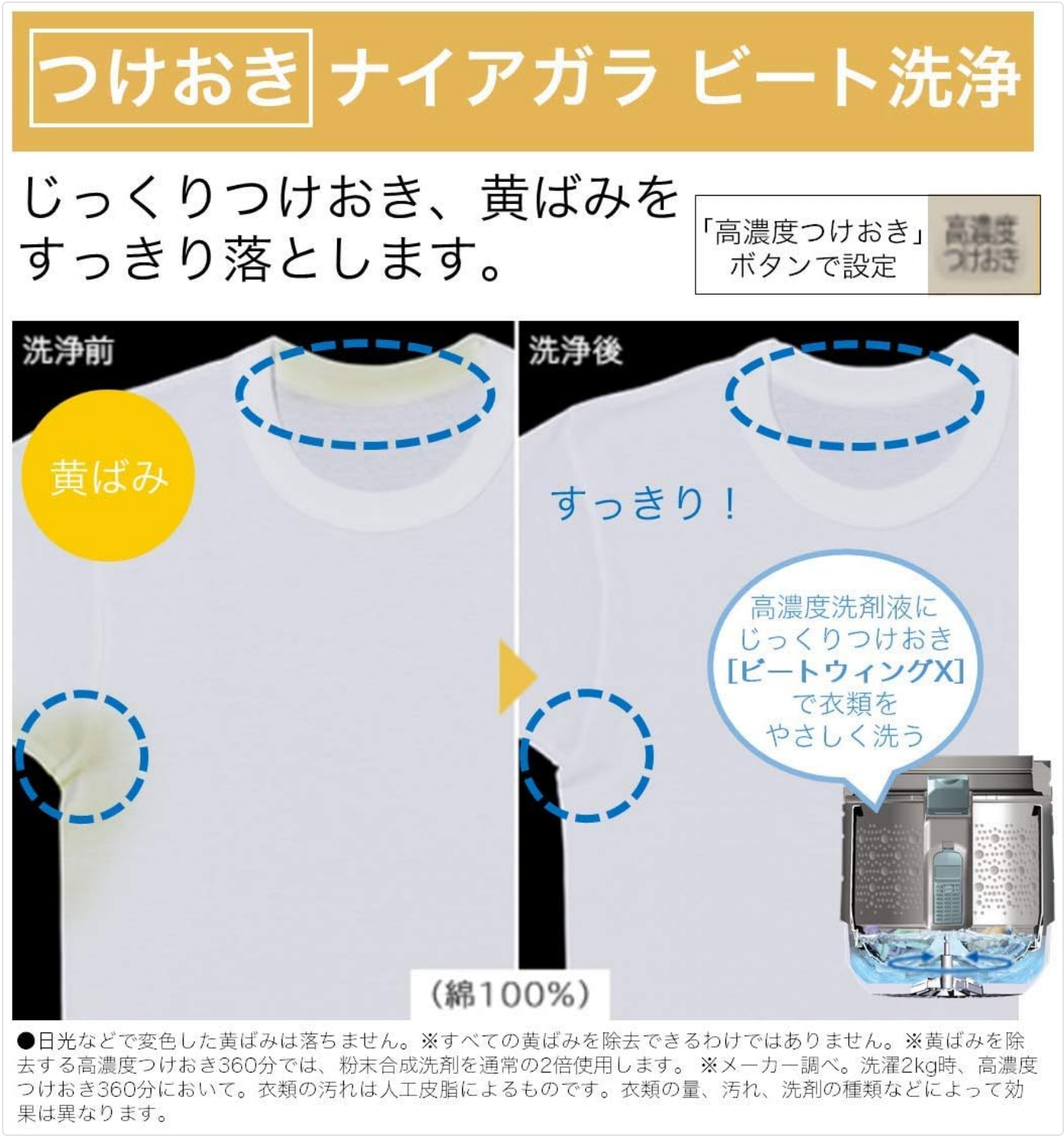


Figure 5.3: Before and after comparison of a white shirt, illustrating the 'Soak Niagara Beat Wash' function's ability to remove yellowing from fabric.

5.5 Niagara Rinse

The 'Niagara Rinse' ensures thorough removal of detergent residue. A large-flow circulation shower and high-speed rotation rinse detergent deep into the fibers. Set this function using the 'Rinse' button.

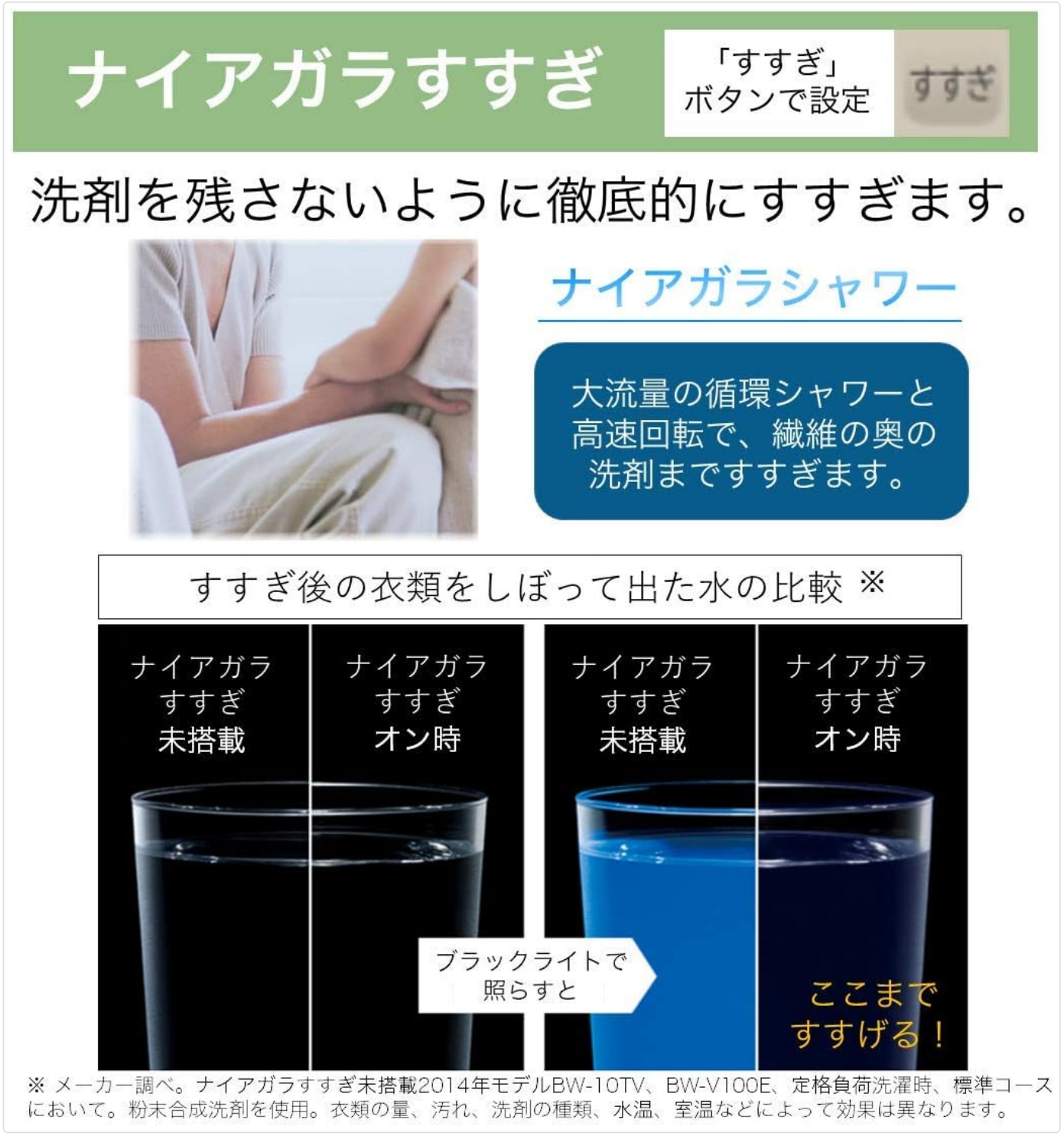


Figure 5.4: Comparison of water squeezed from clothes after rinsing, showing clearer water with 'Niagara Rinse' activated, indicating more thorough detergent removal.

5.6 Washing Courses

- **Standard Course:** Estimated wash time of 32 minutes.
- **Speedy Course:** Washes 1.5kg of laundry (approx. one person's daily load) in about 10 minutes. Ideal for when you are short on time.
- **Delicate Course:** For garments up to 3kg, designed for gentle washing.
- **Fashionable Wear Course:** For garments up to 1.5kg, suitable for delicate items like blouses, sweaters, skirts, and dresses.



Figure 5.5: Overview of convenient functions including the 'Speedy Course' for quick washes and 'Delicate' and 'Fashionable Wear' courses for gentle care of specific garment types.

5.7 Reservation Function

You can set a delayed start time for your wash cycle, ranging from 3 to 24 hours.

6. Maintenance

6.1 Automatic Tub Cleaning

The 'Automatic Tub Cleaning' function helps prevent mold and bacteria buildup by washing away dirt from unseen parts of the washing tub with clean tap water after each wash. This feature can be set by pressing the 'High Concentration Soak' button for 3 seconds.



Figure 6.1: Diagram illustrating the 'Automatic Tub Cleaning' process, where clean tap water showers the inner and outer tubs to wash away dirt after each rinse cycle.

This function uses approximately 9L of additional water and adds about 5 minutes to the cycle. The estimated additional cost is about 880 yen per year, or 2.4 yen per use.

6.2 General Cleaning

- Wipe the exterior of the machine with a soft, damp cloth.
- Clean the lint filter regularly to maintain washing performance.
- Periodically check and clean the detergent dispenser.

7. Troubleshooting

If you encounter any issues with your washing machine, refer to the following common troubleshooting tips:

- **Machine does not start:** Check if the power plug is securely inserted and if the water supply is turned on. Ensure the lid is properly closed.

- **Water does not drain:** Verify that the drain hose is not kinked or blocked. Check if the drain filter is clean.
- **Excessive vibration or noise:** Ensure the machine is level and all transit bolts (if any) have been removed. Distribute laundry evenly in the tub.
- **Poor washing results:** Check if the correct amount of detergent is being used for the load size and water hardness. Ensure the selected wash course is appropriate for the fabric type and soil level.

For persistent problems, please contact customer support.

8. Specifications

Feature	Specification
Brand	Hitachi
Model Number	BW-V70E W
Washing Capacity	7 kg
Product Dimensions (D x W x H)	58.6 x 57.7 x 98 cm
Body Width (excluding hoses)	530 mm
Product Weight	Approx. 35 kg
Color	White
Annual Energy Consumption	45 Wh
Operating Noise	32 dB
Voltage	100 Volts
Control Panel Type	Push Button
Door Position	Top
Accessories	Water supply hose, one-touch joint, hot water supply hose, clean filter, hot water supply hose hanger, leg caps

9. Warranty and Support

This product comes with a **1-year warranty** from the date of purchase. Please retain your proof of purchase for warranty claims. For technical support, service, or warranty inquiries, please refer to the contact information provided in your product packaging or visit the official Hitachi website.

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