Hitachi BD-STX120HL

Hitachi Big Drum BD-STX120HL W Washer Dryer Instruction Manual

Model: BD-STX120HL

1. Introduction

This manual provides comprehensive instructions for the safe and efficient operation and maintenance of your Hitachi Big Drum BD-STX120HL W Washer Dryer. Please read this manual thoroughly before using the appliance and keep it for future reference.

Key Features:

- **Easy Maintenance:** Features a filter-less drying structure, significantly reducing the effort required for maintenance. Lint and dust are automatically washed away during the next cycle and collected in a large-capacity lint filter, requiring cleaning only about once a month.
- **Wind Iron:** Dries clothes while smoothing wrinkles with high-speed wind (approx. 300km/h) generated by the large-capacity Big Drum and jet fan motor, ensuring a neat finish.
- **Efficient Drying:** Enhanced dehumidification performance with an aluminum plate in the drying duct, allowing 6kg of laundry to be washed and dried in approximately 98 minutes. A humidity sensor prevents uneven drying and over-drying.
- **Niagara Wash:** Achieves thorough cleaning, even for hidden dirt, using a high-concentration detergent solution.
- **Hot Water Niagara Wash:** Allows washing with water temperature settings tailored to specific cleaning needs.
- **Wide Color LCD Touch Panel:** Offers easy viewing with a large screen and simple operation through a list display.
- **Automatic Liquid Detergent/Softener Dispenser:** Automatically dispenses the appropriate amounts of liquid detergent and softener.
- **AI Washing:** Intelligently senses various laundry conditions to provide smart and clean washing.
- **Sterilization Clean Plus Course:** Disinfects, deodorizes, and suppresses viruses even for items that cannot be washed with water.
- **Laundry Concierge:** Supports laundry operations via a smartphone application.

2. Setup

2.1 Unpacking and Inspection

Carefully unpack the washer dryer and inspect it for any damage. Ensure all included components are present:

- Water supply hose (approx. 0.8m)
- Hot water intake hose (approx. 4m)
- Clean filter
- Hot water intake hose hanger
- Leg caps (for height adjustment)
- Cover
- Transport bolt removal spanner
- Transport bolts
- Leveler

2.2 Location and Dimensions

Choose a stable, level location for the washer dryer. Ensure adequate space around the unit for proper ventilation and door opening.

- **External Dimensions:** Width 630mm x Depth 716mm x Height 1,065mm (including handle, drain hose, water supply hose attachment parts)
- **Body Width (excluding handle, drain hose):** 600mm
- **Waterproof Pan Requirement:** Fits into a waterproof pan with an inner depth of 540mm or more.

Refer to the diagram below for detailed installation space requirements:

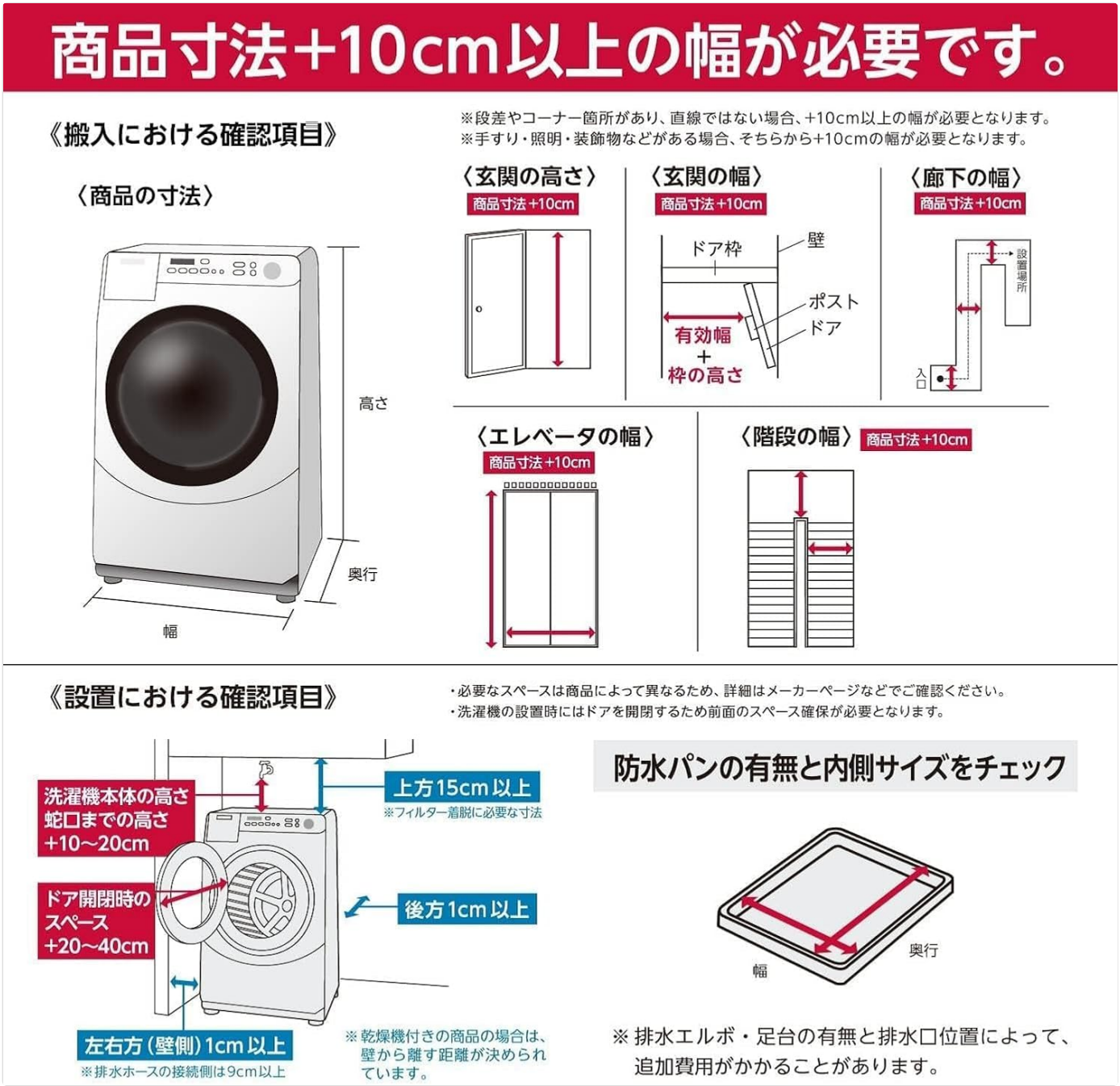


Image: Installation space requirements for the Hitachi BD-STX120HL washer dryer. This diagram illustrates the necessary clearances around the unit, including a minimum width of 60cm + 10cm, and specific distances from the wall for the drain hose and door opening. It also shows the unit fitting into a waterproof pan with an inner depth of 540mm or more.

2.3 Transport Bolt Removal

Before first use, remove the transport bolts located at the rear of the machine. Failure to do so can cause severe vibration and damage during operation. Use the provided spanner for removal.

2.4 Water and Drain Connections

Connect the water supply hose to a cold water tap and the hot water intake hose to a hot water tap (if using the hot water feature). Ensure all connections are secure to prevent leaks. Position the drain hose correctly to allow for proper water drainage.

3. Operating Instructions

3.1 Control Panel Overview

The washer dryer features a Wide Color LCD Touch Panel for easy and intuitive operation. The large 7.8-inch screen displays various settings and options clearly.



Image: The Wide Color LCD Touch Panel of the Hitachi BD-STX120HL. It displays options for wash, wash & dry, dry, AI, remote, child lock, and various courses, making operation intuitive and easy to understand.

3.2 Loading Laundry

Open the drum door and load your laundry. Do not overload the machine, as this can affect washing and drying performance. Close the door securely.

3.3 Automatic Liquid Detergent/Softener Dispenser

This model is equipped with an automatic dispenser for liquid detergent and softener. Simply fill the large-capacity tanks, and the machine will dispense the appropriate amount for each wash cycle.

Your browser does not support the video tag.

Video: Demonstrates the automatic liquid detergent and softener dispensing feature. The video shows a user loading laundry and then highlights how the machine automatically dispenses the correct amount of detergent and softener, eliminating the need for manual measurement for each wash.

3.4 AI Washing

The AI Washing feature intelligently detects various laundry conditions, such as the amount of dirt, water hardness, and water temperature, to optimize the wash cycle for smart and clean results. This may adjust water consumption, power consumption, and operating time.

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Video: Illustrates the AI Washing function. It shows how the machine senses factors like the amount of dirt and water conditions to automatically adjust the washing method, ensuring optimal cleanliness. For example, if there's a lot of dirt, it extends the wash time.

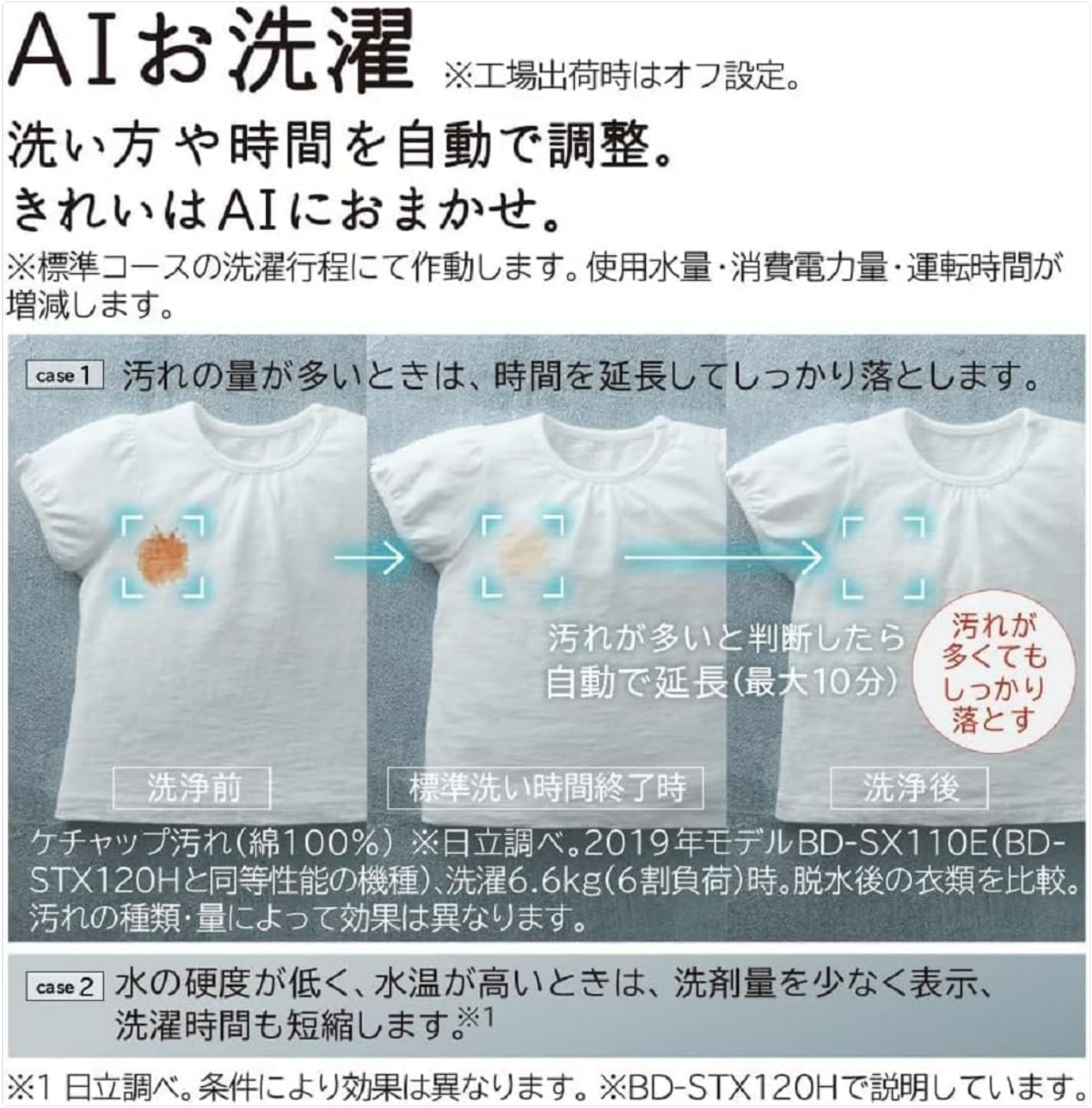


Image: The AI Washing feature in action. It shows a stained baby dress before washing, after a standard wash time (still slightly stained), and after the AI function automatically extends the wash time by up to 10 minutes to thoroughly remove the stain.

3.5 Niagara Wash

The Niagara Wash system creates a high-concentration detergent solution with minimal water at the beginning of the cycle. This solution quickly penetrates deep into the fabric fibers, effectively lifting and removing dirt, especially oily stains. After penetration, a large volume of water is used to thoroughly rinse the clothes.

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Video: Explains the benefits of high-concentration detergent solution used in Niagara Wash. It demonstrates how a high-concentration solution penetrates fabric faster and more effectively than regular detergent or plain water, leading to better stain removal, especially for oily dirt.

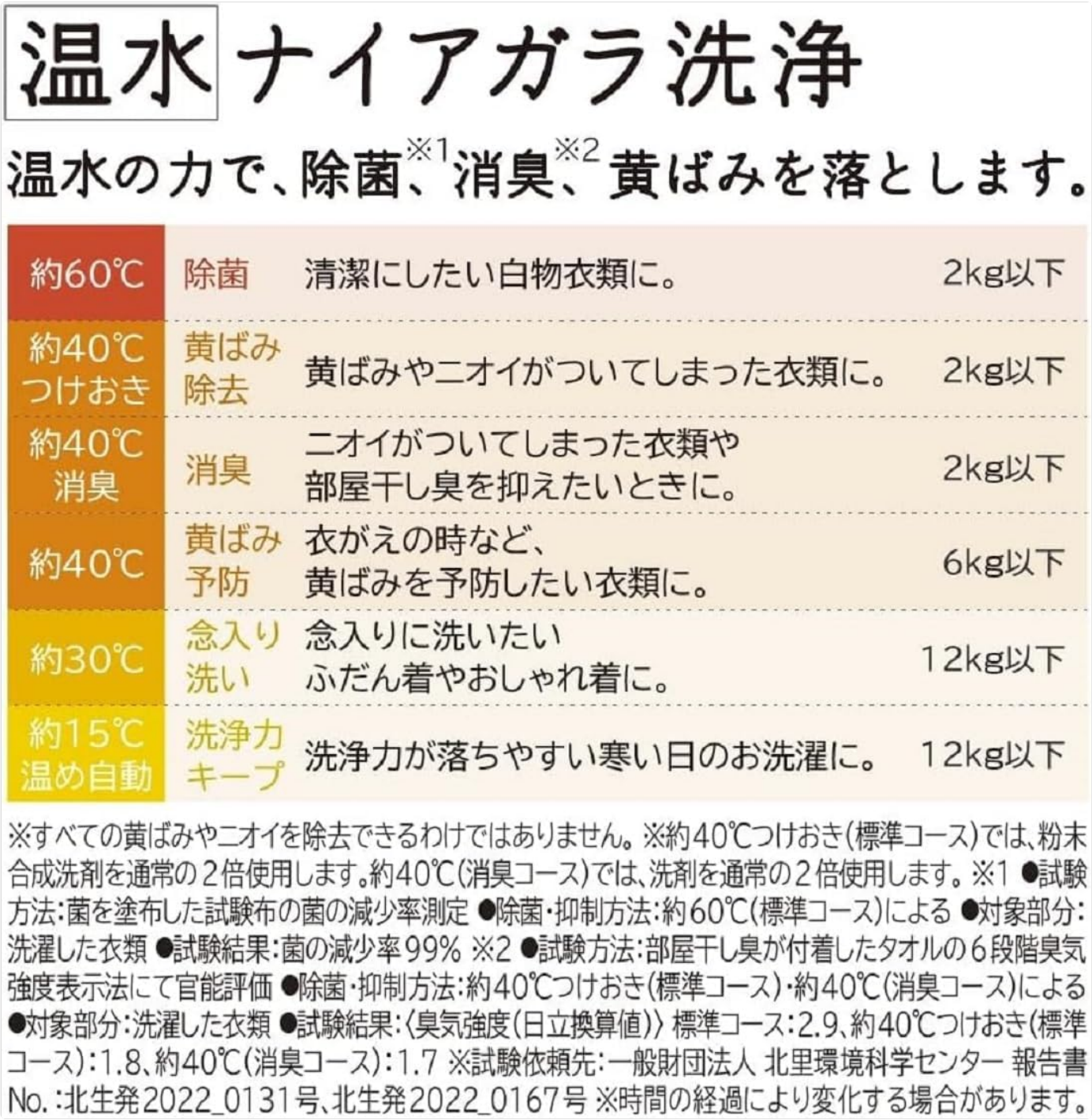


Image: Demonstrates the effectiveness of Niagara Wash. It shows a shirt collar before and after washing, highlighting its ability to thoroughly remove sebum and stains from collars and cuffs.

3.6 Hot Water Niagara Wash

This feature allows you to select specific water temperatures to enhance cleaning, disinfection, and deodorization:

- **Approx. 60°C:** For disinfection of white laundry (up to 2kg).
- **Approx. 40°C (Soak):** For removing yellowing and odors from clothes.
- **Approx. 40°C (Deodorize):** For deodorizing clothes with lingering odors or when you want to suppress room-drying odors.
- **Approx. 40°C (Prevent Yellowing):** For preventing yellowing of clothes (up to 6kg).
- **Approx. 30°C:** For careful washing of delicate or fashionable items (up to 12kg).
- **Approx. 15°C (Maintain Cleaning Power):** For washing on cold days to maintain cleaning power (up to 12kg).

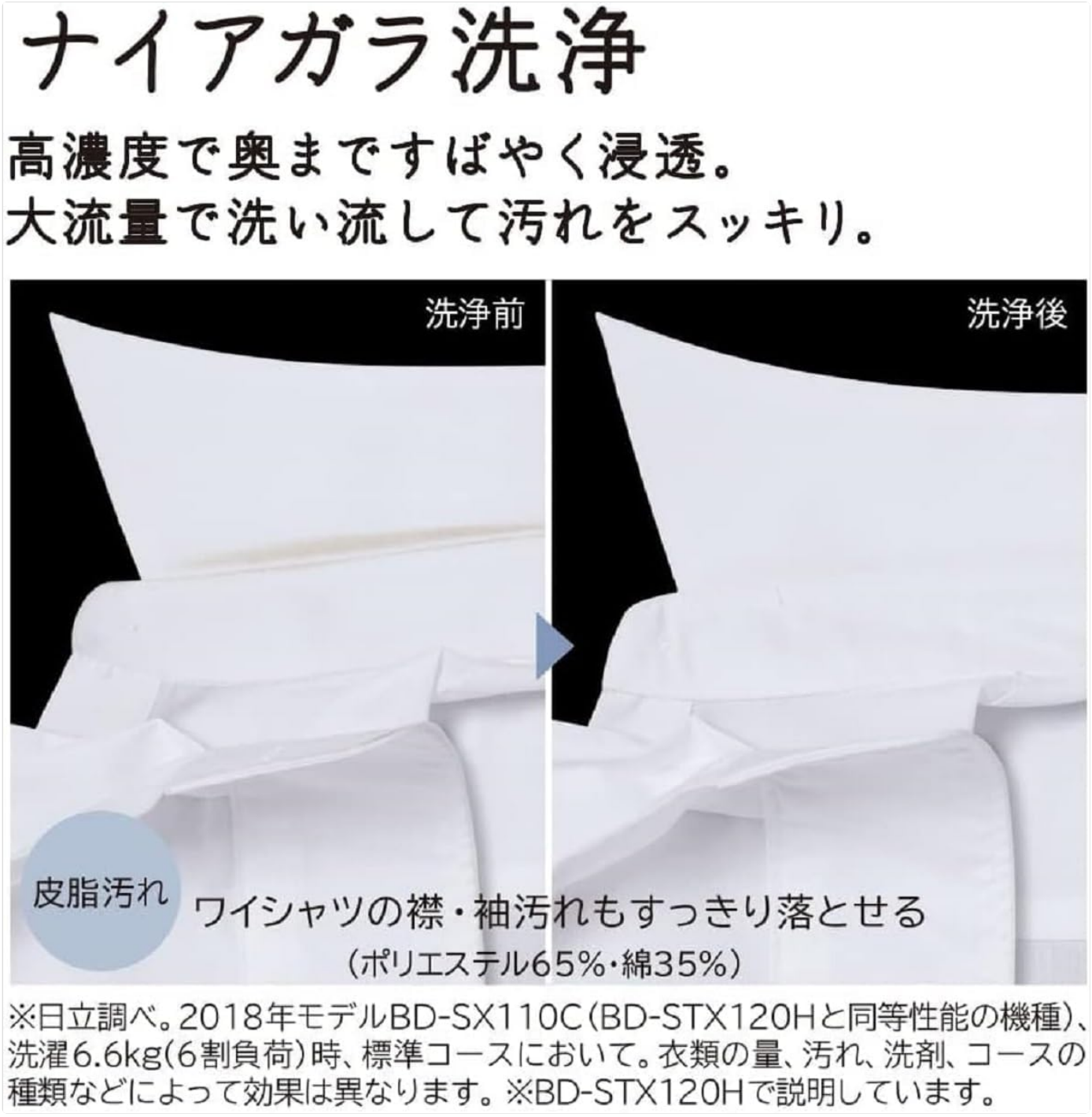


Image: Details the Hot Water Niagara Wash settings. It lists various temperature options (e.g., 60°C, 40°C, 30°C, 15°C) and their corresponding benefits, such as disinfection, removing yellow stains, deodorizing, and gentle washing.

3.7 Wind Iron (Drying)

The Wind Iron feature uses high-speed airflow to smooth out wrinkles during the drying process, reducing the need for ironing. The humidity sensor helps prevent over-drying and ensures clothes are dried evenly.

風アイロン

アイロンがけしていた服も、ふだん着も。
シワを伸ばしてきれいに仕上げる。

洗濯～乾燥
6kg
約98分





※1 日立調べ。衣類乾燥機DE-N60WV(洗濯後の衣類4.5kgを乾燥、標準コース)と、2019年モデルドラム式洗濯乾燥機BD-SX110E(BD-STX120Hと同等性能の機種、洗濯～乾燥4.5kg時、標準コース)との比較。衣類の量や素材、一緒に乾燥するものの種類によって仕上がりが異なります。※2 日立調べ。2019年モデルBD-SX110E(BD-STX120Hと同等性能の機種)、洗濯4.5kg時、標準コース、天日干しにおいて。洗濯～乾燥4.5kg時、標準コース、風アイロンにおいて。衣類の量や素材、一緒に乾燥するものの種類によって仕上がりが異なります。※BD-STX120Hで説明しています。

Image: Illustrates the 'Wind Iron' feature. It shows a casual shirt before and after drying, demonstrating significant wrinkle reduction. It also shows towels dried with 'Wind Iron' compared to line-dried, highlighting a fluffier finish.



Image: Explains the humidity sensor. It shows how the sensor adjusts drying for different loads: ensuring thorough drying for items like hooded sweatshirts to prevent uneven drying, and reducing unnecessary time and cost for easily dried items like blouses.

3.8 Sterilization Clean Plus Course

This specialized course allows you to disinfect, deodorize, and suppress viruses on items that cannot be washed with water, such as cushions, bags, coats, and hats. It takes approximately 60 minutes.



	試験方法	除菌・抑制方法	対象部分	試験結果
※1	洗濯物に付着させた菌の減少率測定	除菌清潔プラスコースによる	衣類に付着した菌	菌の減少率99%
※2	洗濯物に付着させたウイルスの減少率測定(ノンエンベロープタイプのウイルスでテスト)	除菌清潔プラスコースによる	衣類に付着したウイルス	ウイルスの減少率99%

Image: Details the 'Sterilization Clean Plus' course. It shows various items like cushions, bags, coats, and hats that can be disinfected, deodorized, and have viruses suppressed, even if they cannot be washed with water. Test results indicate a 99% reduction in bacteria and viruses.

3.9 Laundry Concierge (Smartphone App)

Connect your washer dryer to your smartphone using the Laundry Concierge app for enhanced control and support. The app allows you to select courses, set wash completion times, and receive laundry advice.



Image: Illustrates the 'Laundry Concierge' feature, showing smartphone integration for laundry support. It highlights features like selecting courses, setting wash completion times, and smart speaker connectivity for voice control.

4. Maintenance

4.1 Easy Maintenance (Filter-less Drying)

The BD-STX120HL features a filter-less drying system, significantly reducing the frequency of filter cleaning. Lint and dust accumulated during drying are automatically washed away during the subsequent wash cycle and collected in a large-capacity lint filter located at the bottom of the unit. This filter only needs to be cleaned approximately once a month.

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Video: Demonstrates the 'Easy Maintenance' feature, specifically the automatic cleaning of the drying duct and the large-capacity lint filter. It shows how lint and dust are washed away from the duct during the wash cycle and collected in the easily accessible filter, which requires cleaning only about once a month.



Image: Highlights the 'Easy Maintenance' feature. It shows the filter-less drying structure, eliminating the need for frequent drying filter cleaning. It also illustrates the large-capacity lint filter at the bottom of the unit, which collects lint and only needs to be cleaned approximately once a month.

4.2 Automatic Tub Cleaning

The machine automatically cleans the invisible parts of the washing tub, ensuring hygiene and preventing mold and odor buildup.



Image: Illustrates the Automatic Tub Cleaning function. It shows how clean tap water washes away dirt from the front and outer parts of the drum after rinsing, keeping the tub clean.

4.3 Automatic Drying Duct and Door Gasket Cleaning

During the wash and rinse cycles, water is used to clean the drying duct and the back of the door gasket, preventing lint and dirt accumulation and maintaining drying efficiency.

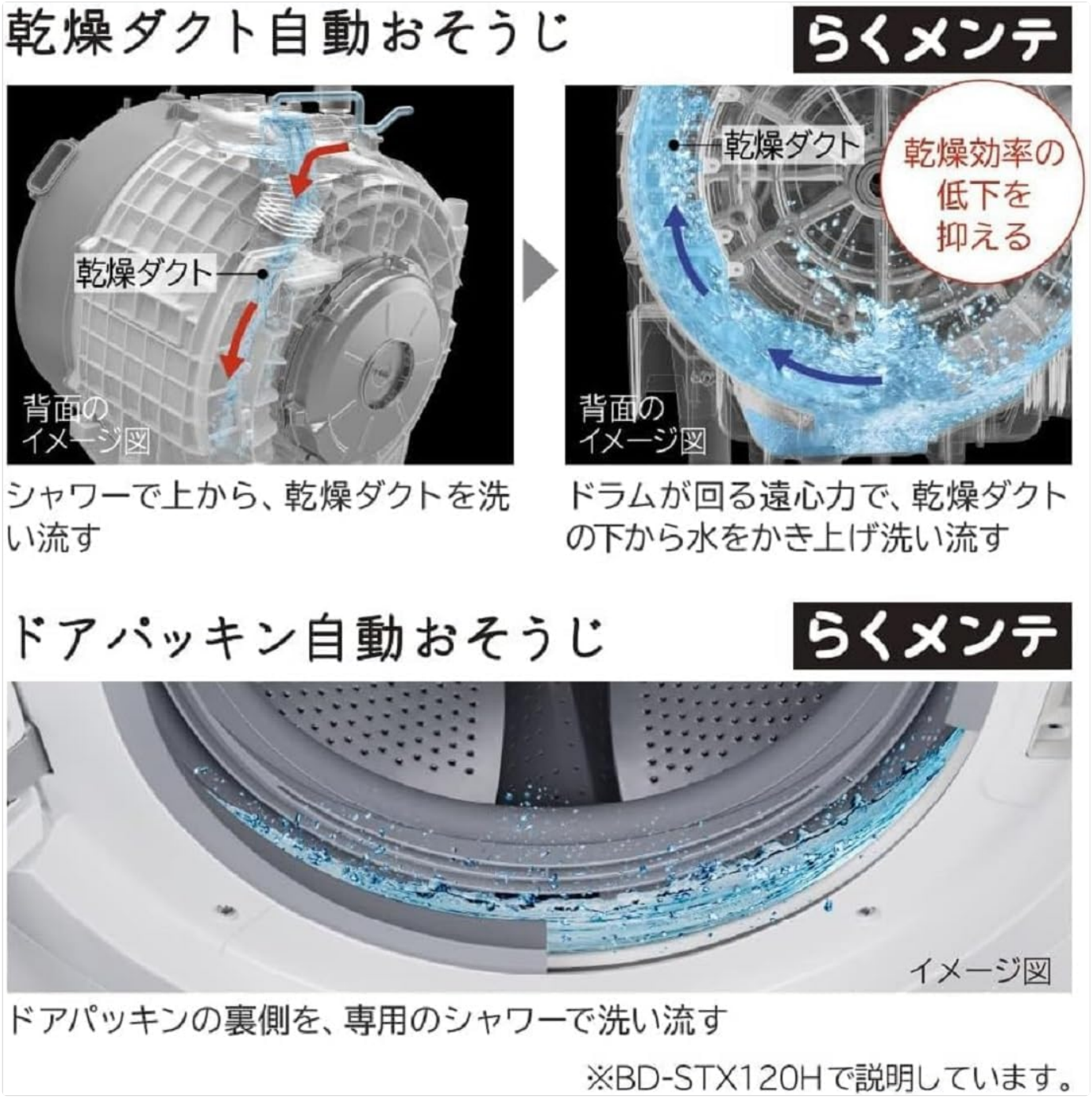


Image: Depicts the automatic cleaning of the drying duct and door gasket. It shows how water showers from above to clean the drying duct and how a dedicated shower cleans the back of the door gasket, preventing lint buildup and maintaining performance.

4.4 Detergent and Softener Tank Cleaning

The large-capacity liquid detergent and softener tanks are designed for easy removal and cleaning. They can be disassembled for thorough washing with water.



Image: Shows the large-capacity liquid detergent and softener tanks. It highlights their self-standing design and ease of maintenance, including the ability to disassemble them for water washing.

5. Troubleshooting

If you encounter any issues with your Hitachi BD-STX120HL Washer Dryer, please refer to the following common troubleshooting tips before contacting customer service:

- **No Power/Does Not Start:** Check if the power cord is securely plugged in. Ensure the circuit breaker has not tripped. Make sure the door is fully closed.
- **Excessive Vibration/Noise:** Verify that the transport bolts have been removed. Ensure the machine is level using the provided leveler and adjust the leg caps if necessary. Check that the laundry load is balanced.
- **Water Leakage:** Inspect all water supply and drain hose connections for tightness. Ensure the drain hose is not kinked or blocked.

- **Poor Washing Performance:** Check if the correct amount of detergent is being used (if not using automatic dispenser). Ensure the water temperature setting is appropriate for the laundry. Do not overload the machine.
- **Poor Drying Performance:** Clean the large-capacity lint filter. Ensure the drying duct is not blocked. Avoid overloading the dryer.
- **Error Codes:** If an error code appears on the display, consult the full user manual (available online or with purchase) for specific code meanings and solutions.

If the problem persists after attempting these solutions, please contact Hitachi customer support.

6. Specifications

Feature	Specification
Brand	Hitachi
Model Number	BD-STX120HL
Color	White
External Dimensions (WxDxH)	630mm x 716mm x 1,065mm
Body Width (excluding protrusions)	600mm
Product Weight	Approx. 80.6 kg
Wash Capacity	12 kg
Dry Capacity	6 kg
Control Type	Push Button
Access Location	Front
Special Features	Heater included
Date First Available on Amazon.co.jp	September 29, 2022

For detailed technical specifications, please refer to the product label or the official Hitachi website.

7. Warranty and Support

Your Hitachi BD-STX120HL Washer Dryer comes with a manufacturer's warranty. Please refer to the warranty card included with your purchase for specific terms and conditions, including coverage period and what is covered.
For technical support, service requests, or inquiries about your product, please contact Hitachi customer service through their official website or the contact information provided in your warranty documentation.
You can also find additional resources and FAQs on theHitachi Store on Amazon.

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Ask a question about this manual

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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