

Hitachi BD-SG110HL

Hitachi BD-SG110HL W Drum-Type Washing Machine User Manual

Model: BD-SG110HL

1. PRODUCT OVERVIEW

The Hitachi BD-SG110HL W is a drum-type washing machine designed for efficient washing and drying. It features a large-capacity drum and advanced sensor technology to optimize performance.

Key Features:

- **Wind Iron Feature:** Utilizes high-speed air to smooth out wrinkles during drying, reducing the need for ironing.
- **Sensor Big Drum Wash:** Employs 3D acceleration and fabric load sensors to control drum rotation and water volume, ensuring thorough dirt removal and optimal whiteness.
- **Sterilization Clean Plus Course:** Heats clothes with warm, moist air for sterilization, deodorization, and virus suppression, suitable for items not washable with water.
- **Quick Wash & Dry Course:** Provides a fast and effective wash and dry cycle.
- **Antibacterial Lint Filter:** Designed for easy cleaning, allowing lint removal without direct contact.

2. INSTALLATION AND SETUP

Proper installation is crucial for the safe and efficient operation of your washing machine. Please follow these guidelines carefully.

2.1 Unpacking and Inspection

Carefully remove the washing machine from its packaging. Inspect for any damage that may have occurred during transit. Retain all packaging materials for potential future transport or service.

2.2 Space Requirements

Ensure adequate space for installation and operation. The machine requires specific clearances for ventilation and door opening.

商品寸法+10cm以上の幅が必要です。

《搬入における確認項目》

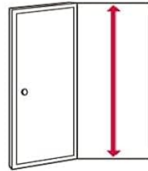
※段差やコーナー箇所があり、直線ではない場合、+10cm以上の幅が必要となります。
※手すり・照明・装飾物などがある場合、そこから+10cmの幅が必要となります。

《商品の寸法》



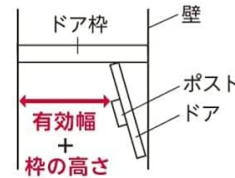
《玄関の高さ》

商品寸法+10cm



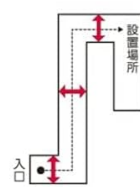
《玄関の幅》

商品寸法+10cm



《廊下の幅》

商品寸法+10cm



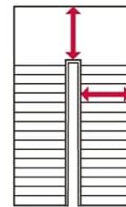
《エレベータの幅》

商品寸法+10cm



《階段の幅》

商品寸法+10cm

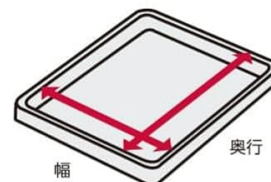


《設置における確認項目》

・必要なスペースは商品によって異なるため、詳細はメーカーページなどでご確認ください。
・洗濯機の設置時にはドアを開閉するため前面のスペース確保が必要となります。



防水パンの有無と内側サイズをチェック



※排水エルボ・足台の有無と排水口位置によって、追加費用がかかることがあります。

Figure 2.1: Installation Space Requirements and Dimensions

This diagram illustrates the necessary clearances for installation. Ensure a minimum of 15cm above the unit, 1cm behind, and 1cm on the left/right sides. Allow 20-40cm for door opening space. The main body width (excluding handle/drain hose) is 600mm. The unit must fit into a waterproof pan with an inner depth of 540mm or more.

2.3 Connecting Water and Drain Hoses

Connect the water supply hose to a cold water tap and the machine's inlet. Ensure connections are secure to prevent leaks. Attach the drain hose to the machine and route it to a suitable drain point, ensuring it is not kinked or obstructed.

2.4 Leveling the Machine

Use a spirit level to ensure the machine is perfectly level. Adjust the leveling feet as necessary. A level machine reduces vibration and noise during operation.

3. OPERATING INSTRUCTIONS

3.1 Control Panel Overview

BD-SG110H

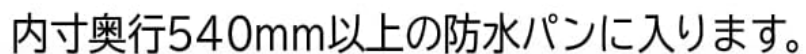


Figure 3.1: Control Panel and Detailed Dimensions

3.2 Loading Laundry

3.3 Adding Detergent and Softener

Add appropriate amounts of detergent and fabric softener to their respective compartments in the dispenser drawer. Refer to detergent packaging for recommended quantities.

3.4 Program Selection

Turn the program selector or press the program buttons to choose the desired wash/dry cycle. Common programs include:

- **Standard Course:** For everyday cottons and mixed fabrics.
- **Wind Iron Course:** Reduces wrinkles during drying.
- **Sensor Big Drum Wash:** Optimizes washing for outstanding cleanliness.
- **Quick Wash & Dry Course:** For quick washing and drying of smaller loads.
- **Sterilization Clean Plus Course:** For sterilizing and deodorizing items that cannot be wet-washed.
- **Fashionable Clothes Course:** Gentle wash for delicate items.

3.5 Starting a Cycle

Press the Start/Pause button to begin the selected cycle. The machine will automatically proceed through the wash, rinse, and spin/dry phases.

3.6 Specific Features Explained

Wind Iron Feature

This feature uses high-speed airflow to smooth out wrinkles in clothes during the drying cycle, reducing the need for manual ironing. It is particularly effective for shirts and everyday wear.



Figure 3.2: Wind Iron Feature: Wrinkle Reduction and Fluffiness

The Wind Iron feature significantly reduces wrinkles in casual shirts and makes towels fluffier compared to conventional drying methods.

Sensor Big Drum Wash

This system uses intelligent sensors to detect the type and amount of laundry. For heavy items like jeans, the drum rotation speed increases to provide a powerful beating wash. For lighter items like shirts, the drum rotation speed decreases to prevent tangling and ensure effective cleaning.

センサービッグドラム洗淨

センサーで洗いをコントロール、
きわだつ白さに洗い上げます。

重い衣類

ジーンズや
トレーナー
など

衣類を持ち上げきれない



ドラム
回転数
アップ

たたき洗い効果アップ



軽い衣類

シャツや
エプロン
など

衣類が反対側へ回りすぎる



ドラム
回転数
ダウン

たたき洗い効果アップ



イメージ図

Figure 3.3: Sensor Big Drum Wash Mechanism

The washing machine adjusts drum rotation based on laundry weight. For heavy clothes, drum speed increases for a stronger beating action. For light clothes, drum speed decreases to prevent damage and optimize washing.

Quick Wash & Dry Course

This course is designed for situations where you need clothes washed and dried quickly. It efficiently cleans and dries a 6kg load in approximately 120 minutes.

	BD-STX120H	BD-SX120H	BD-SV120H	BD-SG110H
 日立ドラム式洗濯乾燥機				
洗濯・脱水 ／乾燥容量	12kg／6kg			11kg／6kg
液晶 タッチパネル	○	—		
アプリ対応	○ (例：スマホのアプリから 洗濯終了時刻の設定)		—	
AIお洗濯	○		—	
温水 ナイアガラ洗浄	○		—	
洗剤／柔軟剤 自動投入	○			—
らくメンテ (乾燥フィルターレス)	○			— (乾燥フィルターあり 乾燥運転後、 毎回お手入れ)

Figure 3.4: Quick Wash & Dry Course

This course provides a fast and thorough wash and dry for up to 6kg of laundry in about 120 minutes. Note that operating noise may be higher compared to standard courses.

Sterilization Clean Plus Course

This course uses warm, moist air to sterilize, deodorize, and suppress viruses on items that cannot be washed with water. It is effective for cushions, bags, coats, and hats.

「除菌^{※1} 清潔プラス」コース

水で洗えないものも除菌・消臭、
ウイルスを抑制。^{※2}

約60分で
清潔に



多くの人が触れる
クッションに



水洗いできない
バッグに



ふだん使いの
コートに



形くずれが
気になる帽子に

※1kg以下。※皮革製品、スポンジの入ったものなどは除菌清潔プラスコースで運転できません。すべての菌・ニオイ・ウイルスを除去・抑制するわけではありません。

	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%

※試験依頼先: 一般財団法人 北里環境科学センター 報告書No.: 北生発2021_0162号

Figure 3.5: Sterilization Clean Plus Course

This course provides sterilization, deodorization, and virus suppression for items up to 1kg that cannot be washed with water, such as cushions, bags, coats, and hats. Not suitable for leather products or items containing sponge.

Fashionable Clothes Course

This gentle course is designed for delicate items up to 3kg, such as sweaters, skirts, and dresses. It uses ample water and minimal drum rotation to protect fabrics. Use with liquid detergent for fashionable clothes.

お気に入りの洋服を家でやさしく洗えます。 「おしゃれ着」コース

水をたっぷり使い、ドラムをほとんど回転させずにやさしく洗います。

この取扱絵表示の衣類に



3kg以下

※おしゃれ着用液体洗剤をご使用ください。

セーターや
ワンピースなどに



Figure 3.6: Fashionable Clothes Course

This course is ideal for delicate garments up to 3kg, including sweaters, skirts, and dresses. It uses a gentle washing action to prevent damage. Always use liquid detergent for fashionable clothes.

4. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your washing machine.

4.1 Filter Maintenance

Clean the lint filter and drying filter regularly to maintain drying efficiency and prevent odors.

フィルターのお手入れもラクラク。



抗菌※1

糸くずフィルター

くしの本数が多いので
ごみを集めやすく、振る
だけでごみが取れます。

※糸くずの付き具合など
により効果は異なります。



乾燥フィルター

上からラクに取り出せ
て、ケースを引くとホコリ
がはがれ落ちるから、
サッとごみ捨て。

※ホコリの付き具合など
により効果は異なります。

※1 ●試験依頼先:一般財団法人ボーケン品質評価機構 ●試験番号:25021001512-3
●試験方法:JIS Z 2801(フィルム密着法) ●抗菌方法:樹脂に練り込み ●対象部分:
糸くずフィルター(くし部のみ) ●試験結果:抗菌活性値2.0以上(抗菌活性値が2.0以
上で抗菌効果があるとされています)

Figure 4.1: Filter Maintenance

The **Antibacterial Lint Filter** (top) can be easily cleaned by shaking off collected lint. It is water-washable. The **Drying Filter** (bottom) can be removed by pulling the case, allowing accumulated dust to fall off. It features a stainless steel coating on the mesh part and is also water-washable.

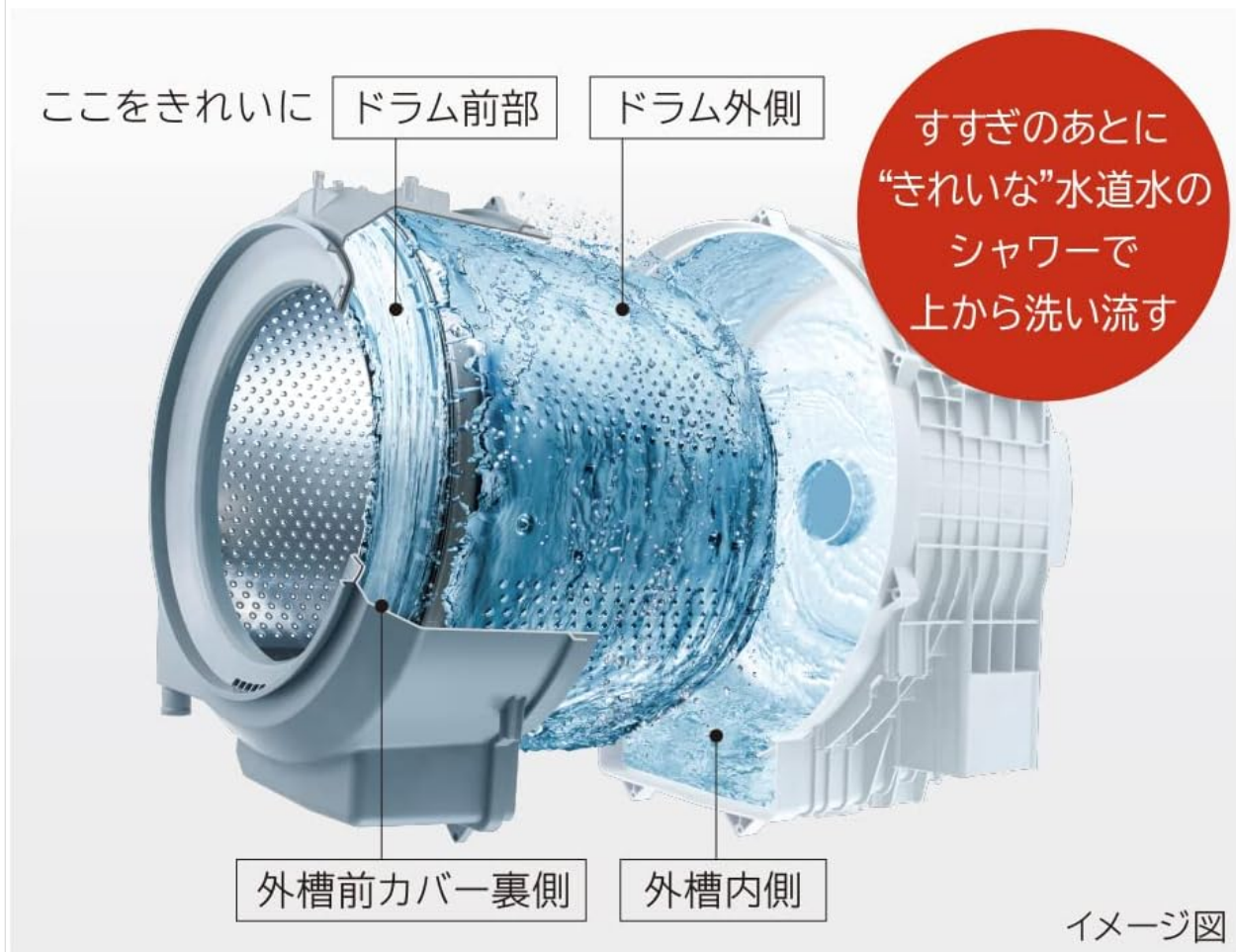
4.2 Automatic Tub Cleaning

The machine features an automatic cleaning function that washes away dirt from the unseen parts of the washing tub, including the front and outer drum, using clean tap water after rinsing.

自動おそうじ

※工場出荷時はオフ設定。

洗濯槽の见えない部分の汚れを洗い流す。



※[自動おそうじ]設定時は追加コストがかかります。

Figure 4.2: Automatic Tub Cleaning

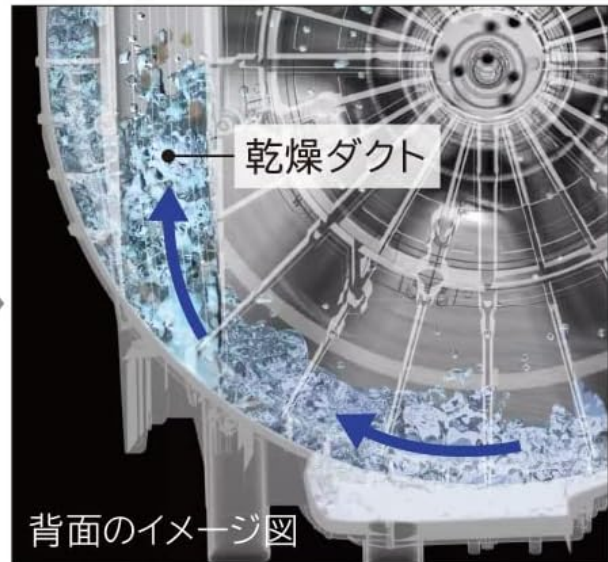
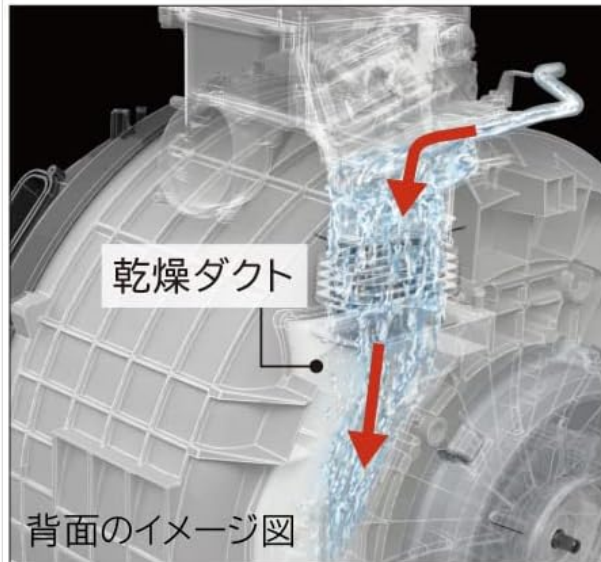
After rinsing, clean tap water is showered from above to wash away dirt from the drum's front, outer drum, and the back of the outer tub cover. This helps maintain hygiene inside the washing machine.

4.3 Drying Duct Clean System

This system helps prevent a decrease in drying efficiency by cleaning the drying duct. During washing and rinsing, a shower of water cleans dust from the drying duct. During automatic cleaning, centrifugal force from the rotating drum passes water through the drying duct to wash away dust.

乾燥ダクト クリーンシステム

乾燥効率
低下を
抑える



① 洗いやすすぎの際に、シャワーで上から、乾燥ダクトのホコリを洗い流す。

② 自動おそうじ時に、ドラムが回る遠心力で乾燥ダクトの下から水を通し、ホコリを洗い流す。

※ 画像はBD-NX120Gです。

Figure 4.3: Drying Duct Clean System

The system uses water during wash/rinse cycles and centrifugal force during automatic cleaning to remove lint and dust from the drying duct, maintaining optimal drying performance.

5. TROUBLESHOOTING

If you encounter issues with your washing machine, refer to this section for common problems and solutions. If the problem persists, contact customer support.

5.1 Common Issues and Solutions

- **Machine does not start:**

- Check if the power cord is securely plugged in.
- Ensure the door is fully closed.
- Verify that the water supply tap is open.
- Check if a program has been selected and the Start button pressed.

- **Excessive vibration or noise:**

- Ensure the machine is level. Adjust the leveling feet if necessary.
- Check if the transit bolts (used for shipping) have been removed.
- Distribute laundry evenly inside the drum.

- **Water leakage:**

- Check all hose connections for tightness.
- Ensure the drain hose is correctly positioned and not blocked.
- Do not overload the machine, as this can cause water to overflow.

- **Clothes not drying properly:**

- Clean the lint filter and drying filter.
- Do not overload the dryer.
- Ensure the selected drying program is appropriate for the fabric type.

6. SPECIFICATIONS

Detailed technical specifications for the Hitachi BD-SG110HL W drum-type washing machine.

Specification	Value
Brand	Hitachi
Model Number	BD-SG110HL W
Capacity (Wash)	11 kg
Capacity (Dry)	6 kg
Color	White
Product Dimensions (D x W x H)	71.5 cm x 63 cm x 105 cm
Product Weight	77 kg
Max Depth with Door Open	71.5 cm
Voltage	100 Volts
Control Type	Push Button
Door Position	Front Load
Number of Dry Cycles	2
Number of Wash Cycles	3

Specification	Value
Operation Mode	Automatic
Special Features	Child Lock
Cycle Options	Tub Wash
Drum Material	Stainless Steel
Included Components	Water supply hose (approx. 0.8m), Drain hose connection set, Drain trap cover, Foot caps (for height adjustment), Cover, Spanner for transport bolt removal, Transport bolts, Leveling tool
Warranty	12 months

7. WARRANTY AND SUPPORT

7.1 Warranty Information

This Hitachi washing machine comes with a **12-month warranty** from the date of purchase. The warranty covers manufacturing defects and malfunctions under normal use. Please retain your proof of purchase for warranty claims.

7.2 Customer Support

For technical assistance, service requests, or any questions regarding your product, please contact Hitachi customer support. Refer to the contact information provided in your purchase documentation or visit the official Hitachi website for your region.

When contacting support, please have your model number (BD-SG110HL) and serial number ready.