

Samsung WD90DG5B15BBEU

Samsung WD90DG5B15BBEU AI Energy Washer Dryer User Manual

Model: WD90DG5B15BBEU

Brand: Samsung

1. IMPORTANT SAFETY INFORMATION

Please read all instructions carefully before using your new Samsung Washer Dryer. Keep this manual for future reference. Failure to follow these instructions could result in electric shock, fire, or serious injury.

- Ensure the appliance is properly grounded.
- Do not install or store the appliance where it will be exposed to temperatures below freezing or exposed to the weather.
- Keep flammable materials and vapors away from the appliance.
- Do not allow children to play on or in the appliance.
- Always unplug the appliance before cleaning or performing any maintenance.
- Do not wash or dry articles that have been cleaned in, washed in, soaked in, or spotted with combustible or explosive substances.

2. PRODUCT OVERVIEW

The Samsung WD90DG5B15BBEU is an AI Energy Washer Dryer designed for efficient and convenient laundry care. It features a 9kg wash capacity and a 6kg dry capacity, with a maximum spin speed of 1400rpm.



Figure 2.1: Front view of the Samsung WD90DG5B15BBEU AI Energy Washer Dryer in black. The image shows the main control panel at the top, the large circular door for the drum, and a small access panel at the bottom right.



Figure 2.2: Angled view of the Samsung WD90DG5B15BBEU Washer Dryer, showcasing its sleek black finish and compact design. The control panel and drum are clearly visible from this perspective.



Figure 2.3: Another angled view of the Samsung WD90DG5B15BBEU Washer Dryer, showing the right side and the overall form factor of the appliance.



Figure 2.4: The Samsung WD90DG5B15BBEU Washer Dryer with its front loading door open, revealing the spacious stainless steel drum. This view highlights the accessibility for loading and unloading laundry.



Figure 2.5: A detailed close-up of the control panel on the Samsung WD90DG5B15BBEU Washer Dryer. It features a central rotary dial for program selection, a digital display showing time and settings, and touch-sensitive buttons for various functions like temperature, spin, and special features.



Figure 2.6: The detergent drawer of the Samsung WD90DG5B15BBEU Washer Dryer pulled out, showing its compartments for pre-wash, main wash detergent, and fabric softener. A blue insert is visible in one of the compartments.



Figure 2.7: An interior view of the stainless steel drum of the Samsung WD90DG5B15BBEU Washer Dryer, highlighting its textured surface and water outlet holes designed for efficient washing and drying.



Figure 2.8: Side view of the Samsung WD90DG5B15BBEU Washer Dryer, showing the corrugated design on the side panel and the utility connections at the rear.

Key Features:

- **AI Energy:** Optimized washing and drying performance with energy efficiency.
- **Bubble Technology:** Generates bubbles to penetrate fabrics faster, enhancing cleaning performance even at lower temperatures.
- **Large Capacity:** 9kg wash and 6kg dry capacity suitable for family use.

- **High Spin Speed:** 1400rpm for efficient water extraction, reducing drying time.
- **Smart Connectivity:** WiFi-enabled for remote control and monitoring.

3. SETUP AND INSTALLATION

3.1 Unpacking

Carefully remove all packaging materials. Ensure no parts are missing or damaged. Remove all transit bolts from the rear of the appliance before installation. These bolts secure the drum during transit and must be removed to prevent damage during operation.

3.2 Location Requirements

Place the washer dryer on a firm, level surface. Ensure there is adequate space around the appliance for ventilation and maintenance. Avoid direct sunlight or areas with extreme temperatures.

3.3 Leveling the Appliance

Use a spirit level to ensure the appliance is perfectly level. Adjust the leveling feet at the bottom of the machine by turning them clockwise or counter-clockwise until the machine is stable and level. An unlevel machine can cause excessive vibration and noise during operation.

3.4 Water Connection

Connect the hot and cold water inlet hoses to the corresponding taps and to the back of the washer dryer. Ensure connections are tight to prevent leaks. The appliance requires standard household water pressure.

3.5 Drain Hose Installation

Securely attach the drain hose to a suitable drain pipe or sink. Ensure the hose is not kinked or blocked, allowing for proper water drainage.

3.6 Power Connection

Plug the power cord into a grounded electrical outlet. Ensure the voltage and frequency match the specifications listed on the appliance's rating label.

4. OPERATING INSTRUCTIONS

4.1 Before Each Wash/Dry Cycle

- Sort laundry by fabric type, color, and degree of soiling.
- Check pockets for any foreign objects.
- Close zippers and hooks, and tie loose strings.

- Load laundry into the drum, ensuring not to overload. For optimal performance, leave some space for clothes to tumble freely.

4.2 Adding Detergent and Softener

Open the detergent drawer (Figure 2.6) and add appropriate amounts of detergent to the main wash compartment and fabric softener to its designated compartment. Refer to your detergent packaging for recommended dosages.

4.3 Selecting a Program

Turn the program selector dial (Figure 2.5) to choose the desired wash or wash+dry program. The display will show the default settings for the selected program.

Available wash cycles include: Quick Wash 15', Mixed Load, Less Microfiber, Wool/Delicates, Cotton Dry, Air Wash, Wash+Dry, Eco 40-60, Cotton, Synthetics, Hygiene Steam, Rinse+Spin, Drum Clean, Downloaded.

Available drying cycles include: Cotton Dry, Synthetics Dry, Air Wash.

4.4 Adjusting Settings

Use the touch buttons on the control panel to adjust settings such as temperature, spin speed, and additional options (e.g., pre-wash, intensive, rinse hold) if available for the selected program.

4.5 Starting a Cycle

Press the Start/Pause button to begin the selected cycle. The door will lock, and the machine will start filling with water.

4.6 Ending a Cycle

Once the cycle is complete, the machine will signal with an audible alert. The door will unlock after a short delay. Remove laundry promptly to prevent wrinkles and odors.

5. MAINTENANCE

5.1 Cleaning the Exterior

Wipe the exterior of the appliance with a soft, damp cloth. Do not use abrasive cleaners or solvents.

5.2 Cleaning the Detergent Drawer

Regularly remove and clean the detergent drawer to prevent detergent buildup. Rinse it under running water and use a brush to remove any residue. Reinsert the drawer once clean and dry.

5.3 Drum Cleaning (Drum Clean Cycle)

The appliance features a "Drum Clean" cycle designed to clean the drum and remove residue. Run this cycle periodically, especially if you notice odors or residue buildup. Do not add laundry or detergent during this cycle.

5.4 Filter Cleaning

Locate the drain pump filter, usually behind a small access panel at the bottom front of the machine. Place a shallow container underneath to catch any residual water. Unscrew the filter slowly to drain water, then remove and clean any lint or debris. Reinsert and tighten the filter securely.

5.5 Door Seal Care

After each use, wipe the door seal (gasket) with a dry cloth to remove any moisture or lint. This helps prevent mold and mildew growth.

6. TROUBLESHOOTING

Before contacting service, refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
Appliance does not start	Power cord not plugged in; Door not closed properly; Program not selected; Start/Pause button not pressed.	Check power connection; Ensure door is securely latched; Select a program; Press Start/Pause.
Excessive vibration/noise	Appliance not level; Transit bolts not removed; Overloaded drum; Laundry unevenly distributed.	Level the appliance; Remove transit bolts; Reduce load size; Redistribute laundry.
Water not draining	Drain hose kinked or blocked; Drain pump filter clogged.	Check and straighten drain hose; Clean drain pump filter.
Detergent residue in dispenser	Detergent drawer clogged; Too much detergent used; Low water pressure.	Clean detergent drawer; Use recommended detergent amount; Check water supply.
Clothes not drying properly	Overloaded drum; Lint filter clogged (if applicable); Incorrect drying program selected.	Reduce load size; Clean lint filter; Select appropriate drying program.

7. SPECIFICATIONS

Feature	Detail
Model Number	WD90DG5B15BBEU
Brand	Samsung
Wash Capacity	9 kg

Feature	Detail
Dry Capacity	6 kg
Maximum Spin Speed	1400 RPM
Dimensions (H x W x D)	850mm x 600mm x 600mm
Energy Rating (Wash/Dry)	D Energy Rating
Noise Rating	72dB
Drum Material	Stainless Steel
Control Type	Touch
Special Features	Bubble Technology, Smart Connectivity, WiFi-enabled
Annual Energy Consumption	308 Kilowatt Hours Per Year
Included Components	Power Cord
Washing Cycle Options	Spin, Hand Wash, Delicates, Eco, Rinse, Quick Wash
Number of Drying Cycles	3
Voltage	220V

8. WARRANTY AND SUPPORT

8.1 Warranty Information

This Samsung Washer Dryer comes with a **5 Year Warranty** covering both parts and labour. This warranty is valid upon redemption within 90 days of purchase. Terms and Conditions apply. Please refer to the warranty card included with your product or visit the official Samsung website for full details and registration.



Figure 8.1: An image detailing the 5-year warranty for parts and labor, redeemable within 90 days of purchase. Terms and conditions apply.

8.2 Customer Support

For technical assistance, troubleshooting beyond this manual, or to schedule a service appointment, please contact Samsung Customer Service. You can find contact details on the official Samsung website or in the documentation provided with your appliance.

Online Support: www.samsung.com/uk/support/

When contacting support, please have your model number (WD90DG5B15BBEU) and serial number ready.

