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## LG WT21WT6HKA

# LG WT21WT6HKA Top Load Washing Machine User Manual

Model: WT21WT6HKA | Capacity: 21 kg

## INTRODUCTION

This manual provides essential information for the safe and efficient operation of your LG WT21WT6HKA Top Load Washing Machine. Please read it thoroughly before using the appliance and keep it for future reference. This washing machine features a 21 kg capacity, Inverter Direct Drive motor, 6 Motion DD technology for optimal fabric care, and the TurboDrum system for powerful cleaning. It also includes Smart Diagnosis for convenient troubleshooting.

## SAFETY INSTRUCTIONS

Always follow basic safety precautions to reduce the risk of fire, electric shock, or injury when using your washing machine.

- Read all instructions before use.
- Do not wash articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry-cleaning solvents, or other flammable or explosive substances.
- Do not allow children to play on or in the appliance. Close supervision is necessary when the appliance is used near children.
- Do not reach into the appliance if the tub or agitator is moving.
- Do not install or store this appliance where it will be exposed to the weather or freezing temperatures.
- Do not tamper with controls.
- Do not repair or replace any part of the appliance or attempt any servicing unless specifically recommended in the user-maintenance instructions or in published user-repair instructions that you understand and have the skills to carry out.
- Always disconnect the appliance from the power supply before cleaning or performing any maintenance.

## SETUP AND INSTALLATION

Proper installation is crucial for the performance and longevity of your washing machine. Ensure the appliance is installed on a firm, level surface.

### Unpacking

Remove all packaging materials, including the base packaging and any protective film. Keep packaging materials out of reach of children.

### Location Requirements

- Place the washer on a solid, level floor.
- Ensure there is adequate space for water inlet hoses, drain hose, and power cord.
- Avoid direct sunlight or extreme temperatures.

## **Leveling the Appliance**

Use a level to ensure the washing machine is perfectly balanced. Adjust the leveling feet by turning them clockwise or counter-clockwise until the machine is stable and level. An unbalanced machine can cause excessive vibration and noise.

## **Water Supply Connection**

Connect the hot and cold water inlet hoses to the corresponding hot and cold water faucets. Ensure connections are tight to prevent leaks. Use new hoses provided with the washer to prevent water leakage or overflow.



*Image: Rear view of the washing machine, illustrating the water inlet valves and the drain hose connection point. Ensure hoses are securely fastened.*

## Drain Hose Installation

Position the drain hose correctly to prevent water backflow. The drain hose should be routed into a standpipe or laundry tub, ensuring it is not kinked or blocked. The height of the drain outlet should be between 90 cm and 120 cm from the floor.

## Power Connection

Plug the power cord into a grounded electrical outlet. Do not use extension cords or adapters. Ensure the electrical supply matches the requirements specified on the appliance's rating label.

## Dimensions

The washing machine dimensions are approximately 80 cm (depth) x 76 cm (width) x 117 cm (height).



*Image: A perspective view of the washing machine with labeled dimensions: 117 cm height, 80 cm depth, and 76 cm width, indicating the overall size of the unit.*

## OPERATING INSTRUCTIONS

Familiarize yourself with the control panel and available wash cycles to achieve optimal washing results.

### Control Panel Overview

The control panel is located at the top rear of the washing machine. It includes a program selector dial, various function buttons,

and a digital display. Refer to the labels on the panel for specific functions.





*Image: Front view of the LG WT21WT6HKA washing machine, highlighting the control panel with its central dial and various buttons for cycle selection and settings.*

## **Loading Laundry**

Open the lid and load clothes loosely into the tub. Do not overload the machine. For best results, distribute laundry evenly around the agitator.



*Image: Top-down view of the washing machine with the lid open, revealing the stainless steel tub and the central agitator, ready for loading laundry.*

## **Adding Detergent and Softener**

Add the appropriate amount of detergent to the detergent dispenser. Liquid fabric softener should be added to the softener

dispenser. Do not exceed the maximum fill line.

## Selecting a Wash Cycle

Turn the program selector dial to choose your desired wash cycle. Available cycles include:

- **Normal:** For everyday cottons, linens, and mixed loads.
- **Heavy Duty:** For sturdy fabrics, work clothes, or heavily soiled items.
- **Delicates:** For delicate items that require gentle washing.
- **Auto Pre-wash:** An additional pre-wash cycle for heavily soiled items.

## Starting the Wash

After selecting the cycle and adding detergent, press the Start/Pause button to begin the wash cycle. The machine will automatically detect the load size and fill with the appropriate amount of water.

## Key Technologies

- **6 Motion DD:** This technology combines up to six different wash motions (stepping, scrubbing, filtration, tumbling, rolling, swing) to provide optimized washing for various fabric types, reducing wear and tear.
- **Inverter Direct Drive Motor:** The motor is directly attached to the drum, reducing noise and vibration while increasing durability and energy efficiency.
- **TurboDrum:** The drum and pulsator rotate in opposite directions, creating a powerful water flow that effectively removes tough dirt and stains.
- **4-Way Agitator:** Enhances washing performance by creating multi-directional water currents for thorough cleaning.

## MAINTENANCE

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Regular maintenance helps ensure the longevity and optimal performance of your washing machine.

### Cleaning the Exterior

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

### Cleaning the Tub

Run a Tub Clean cycle periodically to remove detergent residue and prevent odors. Consult your control panel for the specific Tub Clean option.

### Cleaning the Detergent Dispenser

Remove the dispenser drawer and rinse it under running water to clear any buildup. Dry thoroughly before reinserting.

### Cleaning the Water Inlet Filters

Periodically check and clean the water inlet filters located at the end of the water inlet hoses. Turn off the water supply, disconnect the hoses, and use pliers to pull out the filters. Rinse them under running water and reinsert.

## TROUBLESHOOTING

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Before contacting service, review the following common issues and solutions.

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Washer does not start	Power cord unplugged; Lid not closed; Circuit breaker tripped.	Ensure power cord is securely plugged in; Close the lid completely; Reset the circuit breaker.
Water does not fill	Water supply turned off; Water inlet hoses kinked; Inlet filters clogged.	Turn on water supply; Straighten hoses; Clean inlet filters.
Water does not drain	Drain hose kinked or clogged; Drain pump filter clogged.	Straighten or clear drain hose; Clean the drain pump filter (refer to full manual for location).
Excessive vibration/noise	Washer not level; Load unbalanced; Shipping bolts not removed.	Level the appliance; Redistribute laundry evenly; Ensure all shipping bolts are removed (if applicable).

## Smart Diagnosis™

Your LG washing machine is equipped with Smart Diagnosis™. If you experience a problem, you can use this feature to transmit troubleshooting data to LG service center via your smartphone. This can help diagnose issues quickly and efficiently without a service visit. Refer to the full user manual for detailed instructions on using Smart Diagnosis™.

## SPECIFICATIONS

Brand	LG
Model Number	WT21WT6HKA
Capacity	21 Kilograms
Color	White
Dimensions (D x W x H)	80 cm x 76 cm x 117 cm
Product Weight	65 Kilograms
Access Location	Top Load
Special Features	Autodiagnóstico (Smart Diagnosis), Inverter Direct Drive Motor, 6 Motion DD, TurboDrum, 4-Way Agitator, Auto Pre-wash
Control Type	Pulsador (Push Button/Dial)
Cycle Options	Normal, Heavy Duty, Delicates

## WARRANTY AND SUPPORT

For warranty information, please refer to the warranty card included with your product or visit the official LG website for your region. For technical support or service, utilize the Smart Diagnosis™ feature or contact LG customer service directly. Keep your purchase receipt as proof of purchase for warranty claims.

