

[manuals.plus](#) /

› [Samsung](#) /

› [Samsung WA50R5400AV 5.0 cu. ft. Top Load Washer with Super Speed User Manual](#)

Samsung WA50R5400AV

Samsung WA50R5400AV 5.0 cu. ft. Top Load Washer User Manual

Model: WA50R5400AV | Brand: Samsung

1. INTRODUCTION

This manual provides essential information for the safe and efficient operation of your Samsung 5.0 cu. ft. Top Load Washer with Super Speed. Please read all instructions thoroughly before using the appliance and retain this manual for future reference.



Figure 1: Front view of the Samsung 5.0 cu. ft. Top Load Washer, showcasing its sleek black stainless steel finish and control panel.

2. SAFETY INFORMATION

To reduce the risk of fire, electric shock, or injury when using your appliance, follow basic precautions, including the following:

- Read all instructions before using the appliance.
- 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 of children 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.
- Do not repair or replace any part of the appliance or attempt any servicing unless specifically recommended in this manual.

3. SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and safety. Ensure your washer is installed on a level surface and connected to appropriate water and power sources.

3.1 Unpacking

Remove all packaging materials, including the shipping bolts, before operating the washer. Keep packaging materials out of reach of children.

3.2 Location Requirements

Install the washer in a dry area with adequate ventilation. Avoid direct sunlight or extreme temperatures. Ensure sufficient clearance around the appliance for proper air circulation and maintenance.



Figure 2: Diagram illustrating the physical dimensions of the washer for installation planning. The washer measures 47 inches in height, 32 inches in width, and 29 inches in depth.

3.3 Water Supply Connection

Connect the hot and cold water inlet hoses to the corresponding valves on the wall and the back of the washer. Ensure all connections are tight to prevent leaks.

3.4 Drain Hose Installation

Securely attach the drain hose to the drain outlet at the back of the washer and route it into a standpipe or laundry tub. Ensure the hose is not kinked or blocked.

3.5 Power Connection

Plug the power cord into a properly grounded electrical outlet. Do not use an extension cord.

4. OPERATING INSTRUCTIONS

Your Samsung Top Load Washer offers a variety of cycles and options to meet your laundry needs.

4.1 Loading Laundry

Open the washer lid and load items loosely into the drum. Do not overload the washer, as this can affect washing performance and cause damage. For best results, distribute items evenly.



Figure 3: Top-down view of the washer with the lid open, revealing the large capacity stainless steel drum.

4.2 Adding Detergent and Additives

Your washer features dedicated dispensers for detergent, fabric softener, and liquid bleach.

- **Detergent:** Pour liquid or powder detergent into the detergent dispenser. For best results, use high-efficiency (HE) detergent.
- **Fabric Softener:** Pour liquid fabric softener into the fabric softener dispenser.
- **Liquid Bleach:** Pour liquid bleach into the bleach dispenser. Do not exceed the maximum fill line.

4.3 Selecting a Wash Cycle

Turn the cycle selector knob to choose the desired wash cycle. Available cycles include:

- Normal
- Heavy Duty
- Deep Wash
- Whites
- Colors
- Bedding/Waterproof
- Perm Press
- Activewear
- Quick Wash
- Delicates
- Darks
- Rinse + Spin
- Spin Only
- Self Clean
- Downloaded (for custom cycles via SmartThings)



Figure 4: Detailed view of the control panel, featuring the central cycle selector knob and various touch-sensitive options for wash settings.

4.4 Customizing Settings

After selecting a cycle, you can customize various settings using the touch buttons on the control panel:

- **Temp:** Adjust water temperature (Hot, Warm, Eco Warm, Cool, Cold).

- **Rinse:** Select number of rinses (1 to 5 times).
- **Spin:** Choose spin speed (No Spin, Light, Normal, High, Extra High).
- **Soil:** Set soil level (Light, Normal, Heavy, Extra Heavy).
- **Water Level:** Select water level (Low, Auto Level, Mid, High, Extra High).
- **Deep Fill:** Adds extra water to the wash cycle.
- **Pre Soak:** Adds a pre-soak phase to the cycle.
- **Delay End:** Set a delayed end time for the wash cycle.
- **Super Speed:** Reduces wash time for certain cycles.
- **Smart Control:** Enables remote control via the SmartThings app.

4.5 Starting a Cycle

Press the **Start/Pause** button to begin the selected wash cycle. The lid will lock automatically during operation.

5. MAINTENANCE

Regular maintenance helps ensure the longevity and performance of your washer.

5.1 Self Clean Cycle

Use the **Self Clean** cycle periodically to remove detergent residue and bacteria from the washer drum. The washer will indicate when a Self Clean cycle is recommended.

5.2 Cleaning the Exterior

Wipe the exterior of the washer with a soft, damp cloth. Avoid abrasive cleaners or solvents.

5.3 Cleaning the Dispensers

Periodically remove and clean the detergent, softener, and bleach dispensers to prevent buildup.

6. TROUBLESHOOTING

If you encounter issues with your washer, refer to the following common problems and solutions:

- **Washer does not start:** Ensure the power cord is securely plugged in, the lid is closed, and the Start/Pause button has been pressed. Check for tripped circuit breakers.
- **Washer is noisy or vibrates excessively:** Ensure the washer is level and all four leveling feet are making firm contact with the floor. Check that the load is balanced inside the drum.
- **Water leaks:** Check all hose connections for tightness. Ensure the drain hose is properly installed and not clogged.
- **Clothes are still wet after spin cycle:** Ensure the load is balanced. Select a higher spin speed if necessary.
- **Error codes:** If an error code appears on the display, consult the full user manual or Samsung support for specific instructions.

7. SPECIFICATIONS

Feature	Specification
Brand	Samsung
Model Info	WA50R5400AV

Capacity	5.0 Cubic Feet
Product Dimensions (D x W x H)	32" x 47" x 29" inches
Max Spin Speed	1300 RPM
Noise Level	44 Decibels
Installation Type	Freestanding
Special Features	Delay Start, Sound Reduction System
Color	Fingerprint-resistant Black Stainless Steel
Control Console	Push Button
Option Cycles	12
Standard Cycles	12
Access Location	Top Load
Voltage	120 Volts
Material Type	Stainless Steel

8. WARRANTY AND SUPPORT

Your Samsung washer is covered by a limited warranty. For specific warranty details, please refer to the warranty card included with your product or visit the official Samsung website. For technical support, service requests, or to order parts, please contact Samsung Customer Service.

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