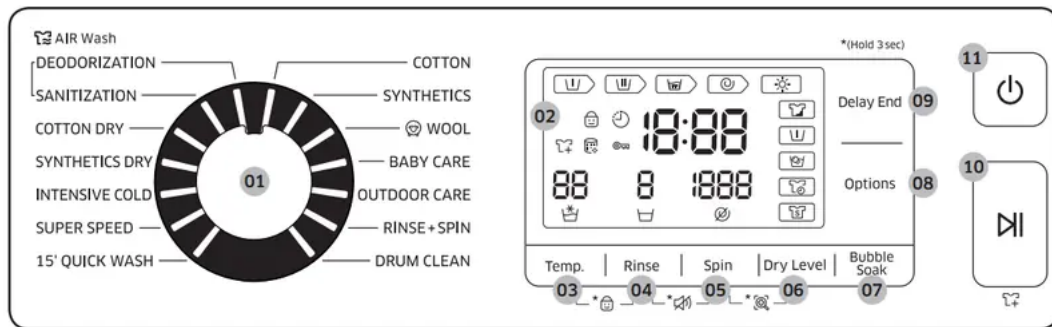








Operations

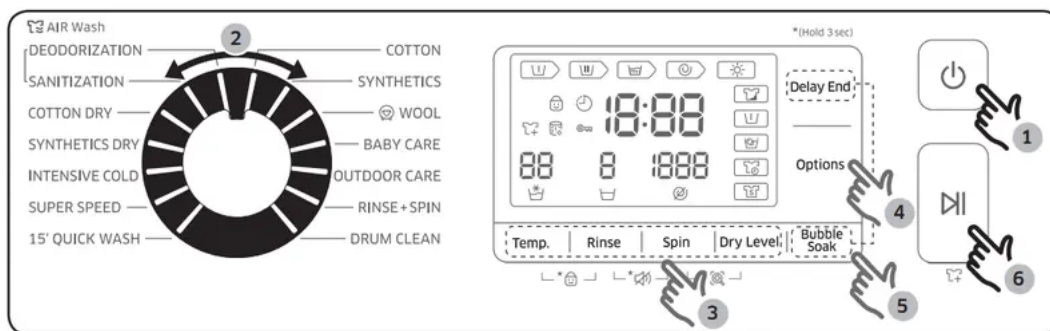
Control panel



01 Course Selector	Turn the dial to select a course.
02 Display	The display shows current course information and estimated time remaining, or an information code when a problem occurs.
03 Temp.	Press to change the water temperature for the current course.
04 Rinse	Press to change the rinse count for the current cycle. You can set the rinse count to a max of 5.
05 Spin	<p>Press to change the spinning speed for the current course.</p> <ul style="list-style-type: none"> • Rinse Hold (No indicator): The final rinse cycle is suspended so that the laundry remains in the water. To unload the laundry, run a drain or spin cycle. • No Spin : The drum does not spin after the final drain cycle. • Spin Only : To run the Spin Only cycle, press Spin for 3 seconds. When the cycle time and spinning speed appear, press Spin repeatedly until a desired spinning speed is selected. Then, press Start/Pause to start the cycle. The spinning time depends on the selected cycle.
06 Dry Level	Press this button to select proper drying option.
07 Bubble Soak	Press to activate/deactivate the Bubble Soak function. This function helps remove a wide variety of stubborn stains.
08 Options	<p>Press to select an option from Intensive , Prewash , and Intensive  + Prewash . Press again to deselect.</p> <ul style="list-style-type: none"> • Availability of the options depends on the cycle.

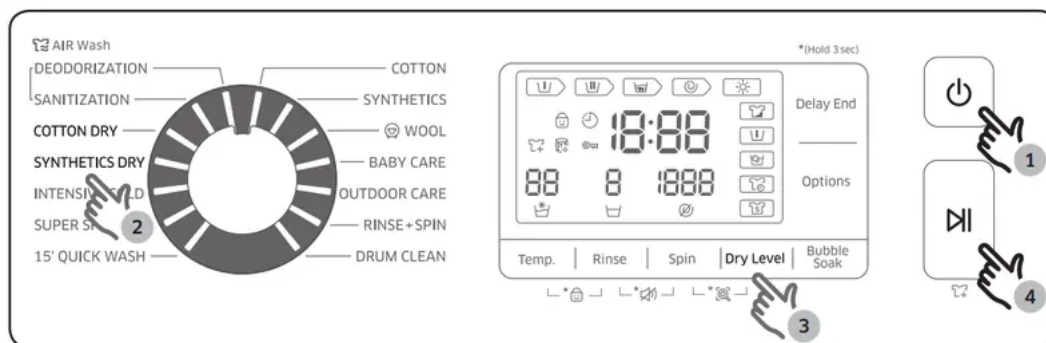
09 Delay End	<p>Delay End lets you set the end time of the current cycle. Based on your settings, the start time of the cycle will be determined by the machine's internal logic. For example, this setting is useful for programming your machine to finish a wash at the time you normally return home from work.</p> <ul style="list-style-type: none"> • Press to choose a preset unit of hours.
10 Start/ Pause	Press to start or stop operation.
11 Power	Press to turn on/off the washing machine.

Simple steps to start



1. Press Power to turn on the washing machine.
2. Turn the Course Selector to select a course.
3. Change the course settings (Temp., Rinse, Spin and Dry Level) as necessary.
4. To add an option, press Options. Use the button again to choose a preferred item.
5. The machine provides two easy to access buttons for Bubble Soak and Delay End for your convenience. If you want to use one of these options, press the corresponding button.
6. Press Start/Pause.

Dry clothes Only



You can dry your clothes directly or dry the washed clothes according to the following procedures.


1. Press Power button to turn on the washing machine.
2. Turn the Course Selector to select the appropriate drying cycle.
3. Press Dry Level button to select the appropriate drying mode
4. Press Start/Pause button to start dry.

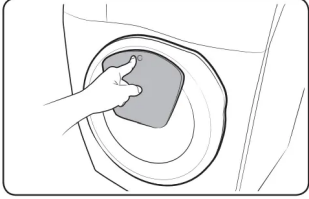
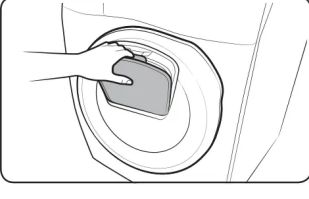
To change the course during operation

1. Press Start/Pause to stop operation.
2. Select a different course.
3. Press Start/Pause again to start the new course.

Special features

AddWash

When the AddWash indicator  turns on, you can stop operation of the machine and put additional laundry or softener into the drum. The Add Door opens by more than 130° for easy access.

	<ol style="list-style-type: none"> 1. Press Start/Pause to stop operation. 2. Press the upper area of the Add Door until you hear a clicking sound to unlock. Pull the handle of the Add Door to open.
	<ol style="list-style-type: none"> 3. Open the Add Door and insert additional laundry or softener into the drum. 4. Push to lock the Add Door until you hear a clicking sound. 5. Press Start/Pause to resume operation.

Settings

Child Lock

To prevent accidents by children, Child Lock locks all buttons except for Power

- To set the Child Lock function, hold down Temp. and Rinse simultaneously for 3 seconds. To activate, press Start/ Pause.
- Before you press Start/Pause, you can still open the door or change settings by pressing corresponding buttons. Once you press Start/Pause to run the machine, Child Lock will be activated.

To deactivate Child Lock temporarily

Open the door, and hold down both Temp. and Rinse simultaneously for 3 seconds. Child Lock is deactivated temporarily for 1 minute, and the indicator blinks. Add laundry, for example, and close the door within the next 2 minutes. Otherwise, the machine sounds an alert for another 2 minutes. Once you close the door, Child Lock will be reactivated with the indicator turned on.

To cancel the Child Lock

Press and hold Temp. and Rinse simultaneously for 6 seconds. Alternatively, when the Child Lock is deactivated temporarily, press and hold Temp. and Rinse simultaneously for 3 seconds.

Sound On/Off

You can turn on or off the key. Your setting will remain effective after you restart the machine.

- To mute the sound, hold down Rinse and Spin simultaneously for 3 seconds.
- To unmute the sound, hold down again for 3 seconds.

Maintenance

Keep the washing machine clean to prevent deteriorated performance and to preserve its life cycle.

DRUM CLEAN

Perform this course regularly to clean the drum and to remove bacteria from it.

1. Press Power to turn on washing machine.
2. Turn the Cycle Selector to select DRUM CLEAN.
3. Press Start/Pause.

DRUM CLEAN reminder

- The DRUM CLEAN reminder appears on the main screen once every 40 washes. It is advisable to perform the DRUM CLEAN regularly.
- When you first see this reminder, you can ignore the reminder for 6 consecutive times. From the 7th wash, the reminder does not appear. However, it appears again on the second 40th wash.

Smart check

To enable this function, you must first download the Samsung Smart Washer app at the Play Store or the Apple Store, and install it on a mobile device featuring a camera function.



The Smart Check function has been optimized for Galaxy & iPhone series (applicable models only).

1. Press and hold Spin and Dry Level simultaneously for 3 seconds to enter the Smart Check mode.
2. The washing machine starts the selfdiagnosis procedure and displays an information code if a problem is detected.
3. Run the Samsung Smart Washer app on your mobile device, and tap Smart Check.
4. Put the mobile device close to the washing machine's display so that the mobile device and the washing machine face each other. Then, the information code will be recognized automatically by the app.
5. When the information code is recognized correctly, the app provides detailed information about the problem with applicable counteractions.

Using Dry course

All drying options except for the Time Dry option detect the weight of the laundry in order to display a more accurate drying time and dry the laundry more effectively.

Refer to the chart below to select the appropriate drying option according to the type and amount of laundry and the moisture you want to leave.

Mode	Drying option	Usage	Load capacity(kg)	
			Cotton Dry	Synthetics Dry
Auto Drying	 Cupboard	Use this option to dry laundry such as cotton, underwear, and linen.	6 kg	3 kg
Manual Drying	 Time Dry	Use this option to dry the laundry for the specified period of time depending on the fibres, amount of laundry quantity and moisture.	30 ~ 270 min. (in 30 minutes increments).	30 ~ 270 min. (in 30 minutes increments).

AIR WASH

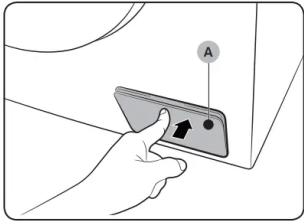
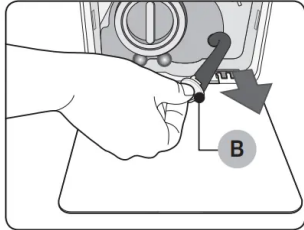
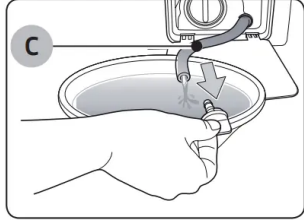
The Air Wash function refreshes garments through Samsung's unique air-washing technology without the need for water.

Refer to the chart below for the usage and cycle time of each Air Wash cycle

Cycle	Usage	Cycle time
Deodorization	Use this cycle to remove bad odors from the laundry.	29min
Sanitization	Use this cycle to remove bad odors and bacteria from the laundry.	59min

Emergency drain

In case of a power failure, drain the water inside the drum before taking out the laundry.

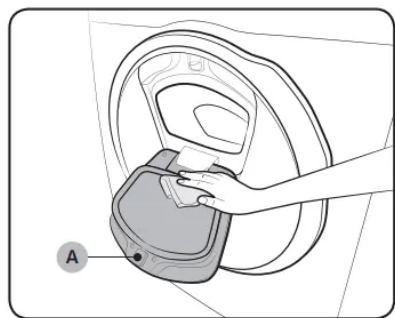
	<ol style="list-style-type: none"> 1. Power off and unplug the washing machine from the electrical outlet. 2. Gently press the top area of the filter cover (A) to open.
	<ol style="list-style-type: none"> 3. Put an empty, spacious container around the cover, and stretch the emergency drain tube to the container while holding the tube cap (B).
	<ol style="list-style-type: none"> 4. Open the tube cap and let water in the Emergency drain tube (C) flow into the container. 5. When done, close the tube cap, and reinsert the tube. Then, close the filter cover.

Cleaning

Surface of the washing machine

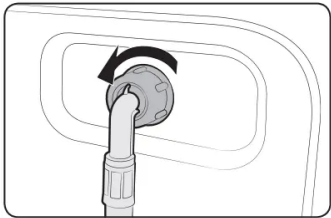
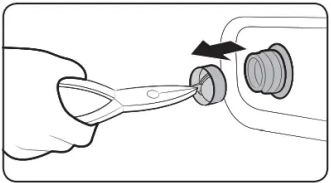
Use a soft cloth with a nonabrasive household detergent. Do not spray water onto the washing machine.

Add Door

	<ol style="list-style-type: none"> 1. Open the Add Door. 2. Use a wet cloth to clean the Add Door. <ul style="list-style-type: none"> - Do not use cleaning agents. Discolouration may occur. - Use caution when cleaning the rubber packing and the locking mechanism (A). - Dust off the window area regularly. 3. Wipe up and close the Add Door until you hear a clicking sound.
---	---

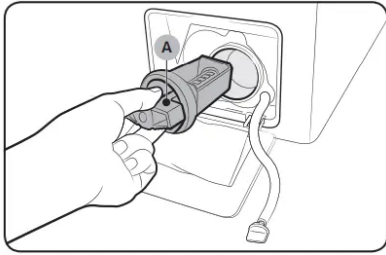
Mesh filter

Clean the mesh filter of the water hose once or twice a year.

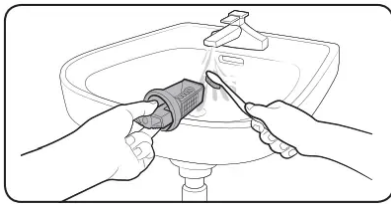
	<ol style="list-style-type: none">1. Turn off the washing machine, and unplug the power cord.2. Close the water tap.3. Loosen and disconnect the water hose from the back of the washing machine. Cover the hose with a cloth to prevent water from gushing out.
	<ol style="list-style-type: none">4. Use pliers to pull out the mesh filter from the inlet valve.5. Submerge the mesh filter deeply in water so that the threaded connector is also submerged.6. Dry the mesh filter completely in the shade.7. Reinsert the mesh filter into the inlet valve, and reconnect the water hose to the inlet valve.8. Open the water tap.

Pump filter

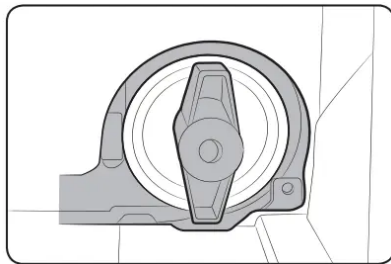
It is advisable to clean the pump filter 5 or 6 times a year to prevent its clogging. A clogged pump filter may reduce the bubble effect.



1. Turn off the washing machine, and unplug the power cord.
2. Drain the remaining water inside the drum by referring to “Emergency drain” on page 47.
3. Gently press the top area of the filter cover to open.
4. Turn the pump filter knob (A) to the left, and drain off the remaining water.



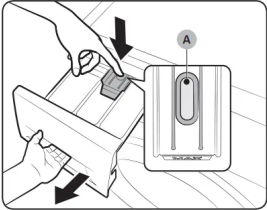
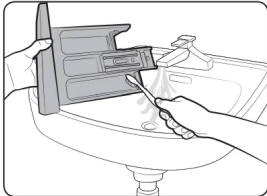
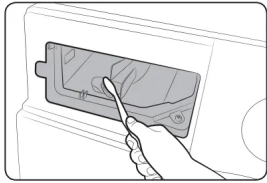
5. Clean the pump filter using soft brushes. Make sure the drain pump propeller inside the filter is unclogged.
6. Reinsert the pump filter, and turn the filter knob to the right.



NOTE

- Some pump filters feature a safety knob that is designed to prevent accidents by children. To open the safety knob of the pump filter, push in and turn it anticlockwise. The spring mechanism of the safety knob helps open the filter
- To close the safety knob of the pump filter, turn it clockwise. The spring makes a rattling sound, which is normal.

Detergent Drawer

	<ol style="list-style-type: none"> 1. While holding down the release lever (A) on the inner of the drawer, slide open the drawer. 2. Remove the release lever and the liquid detergent container from the drawer.
	<ol style="list-style-type: none"> 3. Clean the drawer components in flowing water using a soft brush.
	<ol style="list-style-type: none"> 4. Clean the drawer recess using a soft brush. 5. Reinsert the release lever and the liquid detergent container to the drawer. 6. Slide the drawer inward to close it.

Recovery from freezing

The washing machine may freeze when it drops below 0 °C.

1. Turn off the washing machine, and unplug the power cord.
2. Pour warm water over the water tap to loosen the water hose.
3. Disconnect the water hose, and soak it in warm water.
4. Pour warm water into the drum and leave it for about 10 minutes.
5. Reconnect the water hose to the water tap.

Care against an extended time of disuse

Avoid leaving the washing machine unused for an extended time.

If this is the case, drain the washing machine and unplug the power cord.


1. Turn the Cycle Selector to select a RINSE+SPIN.
2. Empty the drum, and press Start/Pause.
3. When the cycle is complete, close the water tap and disconnect the water hose.
4. Turn off the washing machine, and unplug the power cord.
5. Open the door to let air circulate through the drum.

Troubleshooting

Checkpoints


If you encounter a problem with the washing machine, first check the table below and try the suggestions.



Problem	Action
Does not start.	<ul style="list-style-type: none"> • Make sure the washing machine is plugged in. • Make sure the door is properly closed. • Make sure the water taps are open. • Make sure to press or tap Start/Pause to start the washing machine. • Make sure Child Lock  is not activated. • Before the washing machine starts to fill, it will make a series of clicking noises to check the door lock and does a quick drain. • Check the fuse or reset the circuit breaker.
Water supply is insufficient, or no water is supplied.	<ul style="list-style-type: none"> • Fully open the water tap. • Make sure the door is properly closed. • Make sure the water supply hose is not frozen. • Make sure the water supply hose is not kinked or clogged. • Make sure there is sufficient water pressure.
After a cycle, detergent remains in the detergent drawer.	<ul style="list-style-type: none"> • Make sure the washing machine is running with sufficient water pressure. • Make sure the detergent is added to the centre of the detergent drawer. • Make sure the rinse cap is inserted properly. • If using granular detergent, make sure the detergent selector is in the upper position. • Remove the rinse cap and clean the detergent drawer.
Excessive vibrations or makes noise.	<ul style="list-style-type: none"> • Make sure the washing machine is installed on a level, solid floor that is not slippery. If the floor is not level, use the levelling feet to adjust the height of the washing machine. • Make sure the shipping bolts are removed. • Make sure the washing machine is not contacting any other object. • Make sure the laundry load is balanced. • The motor can cause noise during normal operation.

	<ul style="list-style-type: none"> • Overalls or metal-decorated clothes can cause noise while being washed. This is normal. • Metal objects such as coins can cause noise. After washing, remove these objects from the drum or filter case.
Does not drain and/ or spin.	<ul style="list-style-type: none"> • Make sure the drain hose is straightened all the way to the drain system. If you encounter a drain restriction, call for service. • Make sure the debris filter is not clogged. • Close the door and press or tap Start/Pause. For your safety, the washing machine will not tumble or spin unless the door is closed. • Make sure the drain hose is not frozen or clogged. • Make sure the drain hose is connected to a drain system that is not clogged. • If the washing machine is not supplied with sufficient power, the washing machine temporarily will not drain or spin. As soon as the washing machine regains sufficient power, it will operate normally.
The door does not open.	<ul style="list-style-type: none"> • Press or tap Start/Pause to stop the washing machine. • It may take a few moments for the door lock mechanism to disengage. • The door will not open until 3 minutes after the washing machine has stopped or the power turned off. • Make sure all the water in the drum is drained. • The door may not open if water remains in the drum. Drain the drum and open the door manually. • Make sure the door lock light is off. The door lock light turns off after the washing machine has drained.

Excessive suds.	<ul style="list-style-type: none"> • Make sure the Auto Detergent and Auto Softener settings are properly configured. • Make sure you use the recommended types of detergent as appropriate. • Use high efficiency (HE) detergent to prevent oversudsing. • Reduce the detergent amount for soft water, small loads, or lightly soiled loads. • Non-HE detergent is not recommended.
Cannot apply additional detergent.	<ul style="list-style-type: none"> • Make sure the remaining amount of detergent and fabric softener is not over the limit. • Make sure the Auto Dispense function is activated, with both the Water Hardness and Concentration settings properly specified.
Stops	<ul style="list-style-type: none"> • Plug the power cord into a live electrical outlet. • Check the fuse or reset the circuit breaker. • Close the door and press or tap Start/Pause to start the washing machine. For your safety, the washing machine will not tumble or spin unless the door is closed. • Before the washing machine starts to fill, it will make a series of clicking noises to check the door lock and does a quick drain. • There may be a pause or soak period in the cycle. Wait briefly and the washing machine may start. • Make sure the mesh filter of the water supply hose at the water taps are not clogged. Periodically clean the mesh filter. • If the washing machine is not supplied with sufficient power, the washing machine temporarily will not drain or spin. As soon as the washing machine regains sufficient power, it will operate normally.
Fills with the wrong water temperature.	<ul style="list-style-type: none"> • Fully open both taps. • Make sure the temperature selection is correct. • Make sure the hoses are connected to the correct taps. Flush water lines. • Make sure the water heater is set to supply a minimum 120 °F (49 °C) hot water at the tap. Also, check the water heater capacity and recovery rate.

	<ul style="list-style-type: none"> • Disconnect the hoses and clean the mesh filter. The mesh filter may be clogged. • While the washing machine fills, the water temperature may change as the automatic temperature control feature checks incoming water temperature. This is normal. • While the washing machine fills, you may notice just hot and/ or just cold water going through the dispenser when cold or warm temperatures are selected. This is a normal function of the automatic temperature control feature as the washing machine determines the water temperature.
Load is wet at the end of a cycle.	<ul style="list-style-type: none"> • Use the High or Extra High spin speed. • Use high efficiency (HE) detergent to reduce oversudsing • Load is too small. Small loads (one or two items) may become unbalanced and not spin completely. • Make sure the drain hose is not kinked or clogged.
Leaks water.	<ul style="list-style-type: none"> • Make sure the door is properly closed. • Make sure all hose connections are tight. • Make sure the end of the drain hose is correctly inserted and secured to the drain system. • Avoid overloading. • Use high efficiency (HE) detergent to prevent oversudsing.
Has odours.	<ul style="list-style-type: none"> • Excessive suds collect in recesses and can cause foul odours. • Run cleansing cycles to sanitize periodically. • Clean the door seal (diaphragm) • Dry the washing machine interior after a cycle has finished.
No bubbles are seen (Bubbleshot models only).	<ul style="list-style-type: none"> • Overloading may screen bubbles. • Severely contaminated laundry may not generate bubbles
Can I open the Add Door at any time?	<ul style="list-style-type: none"> • The Add Door can be opened only when the  indicator appears. However, it does not open in the following cases:

- When the boiling or drying process is running and the internal temperature becomes high.
- If you set the Child Lock for safety reasons.
- When the drum wash or drum drying cycle is running that does not involve additional laundry.

If a problem persists, contact a local Samsung service centre.

Information codes

If the washing machine fails to operate, you may see an information code on the screen. Check the table below and try the suggestions.

Problem	Action
4C	<p>Water is not supplied.</p> <ul style="list-style-type: none"> • Make sure the water taps are open. • Make sure the water hoses are not clogged. • Make sure the water taps are not frozen. • Make sure the washing machine is operating with sufficient water pressure. • Make sure that the cold water tap and the hot water tap are properly connected. • Clean the mesh filter as it may be clogged. <p>NOTE</p> <p>When the washer displays the “4C” code, the washer do draining for 3 minutes. During this time, the Power button is inoperative.</p>
4C2	<ul style="list-style-type: none"> • Make sure the cold water supply hose is firmly connected to the cold water tap. If it is connected to the hot water tap, the laundry may be deformed with some cycles.
5C	<p>Water is not draining.</p> <ul style="list-style-type: none"> • Make sure the drain hose is not frozen or clogged. • Make sure the drain hose is positioned correctly, depending on the connection type. • Clean the debris filter as it may be clogged. • Make sure the drain hose is straightened all the way to the drain system. • If the information code remains, contact a customer service centre.
DC	<p>Operating the washer with the door open.</p> <ul style="list-style-type: none"> • Make sure the door is properly closed. • Make sure laundry is not caught in the door.
DC1	<p>The Main Door lock/unlock is not working properly.</p> <ul style="list-style-type: none"> • Turn the machine off, and restart the cycle.



	<ul style="list-style-type: none"> • If the information code remains, contact a customer service centre.
DC3	<p>The Add Door lock/unlock is not working properly.</p> <ul style="list-style-type: none"> • Turn the machine off, and restart the cycle. • If the information code remains, contact a customer service centre
OC	<p>Water is overflowed.</p> <ul style="list-style-type: none"> • Restart after spinning. • If the information code remains on the display, contact a local Samsung service centre.
LC	<p>Check the drain hose.</p>
LC1	<ul style="list-style-type: none"> • Make sure the end of the drain hose is placed on the floor. • Make sure the drain hose is not clogged. • If the information code remains, contact a customer service centre. <p>NOTE</p> <p>When the washer displays the “LC”/“LC1” code, the washer do draining for 3 minutes. During this time, the Power button is inoperative.</p>
FC	<p>Check the fan motor.</p> <ul style="list-style-type: none"> • Power off and power the machine on after 2-3 minutes, and then try again.
UB	<p>Spinning does not work.</p> <ul style="list-style-type: none"> • Make sure laundry is spread out evenly. • Make sure the washing machine is on a flat, stable surface. • Redistribute the load. If only one item of clothing needs washing, such as a bathrobe or pair of jeans, the final spin result might be unsatisfactory, and an “UB” check message will be shown in the display.
3C	

	<p>Check the Motor for operation.</p> <ul style="list-style-type: none"> • Try restarting the cycle. • If the information code remains, contact a customer service centre.
UC	<p>The electronic control needs to be checked (Over Voltage Error).</p> <ul style="list-style-type: none"> • Check the PCB and wire harness. • Check if power is supplied properly. • If the information code remains, contact a customer service centre.
	<p>Low voltage detected</p> <ul style="list-style-type: none"> • Check if the power cord is plugged in. • If the information code remains, contact a customer service centre.
HC	<p>High temperature heating check</p> <ul style="list-style-type: none"> • If the information code remains, contact a customer service centre.
1C	<p>The WaterLevel sensor is not working properly.</p> <ul style="list-style-type: none"> • Try power off and restarting the cycle. • Check WaterLevel Sensor wire harness. • If the information code remains, contact a customer service centre. <p>NOTE</p> <p>When the washer displays the “1C” code, the washer do draining for 3 minutes. During this time, the Power button is inoperative.</p>
8C	<p>The MEMS sensor is not working properly.</p> <ul style="list-style-type: none"> • Turn the machine off, and restart the cycle. • If the information code remains, contact a customer service centre.
AC	




























	<p>Check communications between main and sub PBAs.</p> <ul style="list-style-type: none"> • Try power off and restarting the cycle. • If the information code remains, contact a customer service centre.
AC6	<p>Check communications between main and inverter PBAs.</p> <ul style="list-style-type: none"> • Depending on the state, the machine may automatically returns to normal operation. • Turn the machine off, and restart the cycle. • If the information code remains, contact a customer service centre.
DDC	<p>This message appears when you open the Add Door without pressing Pause. If this happens, do one of the following:</p> <ul style="list-style-type: none"> • To add laundry, press the Add Door to close it properly. Then, press Start/Pause and try again. • If you press the Add Door by mistake, press the Add Door again to close it properly. Then, press Start/Pause to resume operation.

If any information code keeps appearing on the screen, contact a local Samsung service centre.

Specifications

Fabric care chart

The following symbols provide garment care directions. The care labels include four symbols in this order: washing, bleaching, drying and ironing (and dry cleaning when necessary). The use of symbols ensures consistency among garment manufacturers of domestic and imported items. Follow the care label directions to maximize garment life and reduce laundry problems.

	Resistant material		Do not iron
	Delicate fabric		Can be dry cleaned using any solvent
	Item can be washed at 95 °C		Dry Clean
	Item can be washed at 60 °C		Dry clean with perchloride, lighter fuel, pure alcohol or R113 only
	Item can be washed at 40 °C		Dry clean with aviation fuel, pure alcohol or R113 only
	Item can be washed at 30 °C		Do not dry clean
	Hand wash only		Dry flat
	Dry clean only		Can be hung to dry
	Can be bleached in cold water		Dry on clothes hanger
	Do not bleach		Tumble dry, normal heat
	Can be ironed at 200 °C max		Tumble dry, reduced heat
	Can be ironed at 150 °C max		Do not tumble dry
	Can be ironed at 100 °C max		

Protecting the environment

- This appliance is manufactured from recyclable materials. If you decide to dispose of this appliance, please observe local waste disposal regulations. Cut off the power cord so that the appliance cannot be connected to a power source. Remove the door so that animals and small children cannot get trapped inside the appliance.
- Do not exceed the detergent quantities recommended in the detergent manufacturer's instructions.
- Use stain removal products and bleaches before the wash cycle only when strictly necessary.
- Save water and electricity by only washing full loads (the exact amount depends upon the program used).

Specification sheet

“ * ” Asterisk(s) means variant model and can be varied (0-9) or (A-Z).

Type		Front loading washing machine	
Model name		WD85K64****	
Dimensions		W600 x D650 x H850 (mm)	
Water pressure		50 kPa ~ 800 kPa	
NET weight		71 kg	
Wash and spin capacity		8.5 kg	
Dry capacity		6.0 kg	
Power consumption	Washing	220 V	100 W
		240 V	100 W
	Washing and heating	220 V	2000 W
		240 V	2400 W
	Drying	220 V	1600 W
		240 V	1600 W
	Spin	220~240 V	450 W
Pumping		30 W	
Spin revolutions		1400 rpm	

Warning

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.