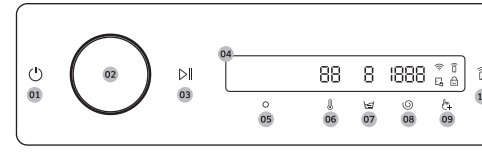


Operations

Operating a cycle

WW90DG6****



- Tap **O** to turn on the washing machine.
- Turn the **Navigation dial** to select the cycle you want. For more information on the cycle overview, see page 44.
- Tap **▶**, **⊖**, or **⊕** to change the default cycle settings.
- Tap **▶**, and then turn the **Navigation dial** to select additional function in the **Options** menus.
 - For more information on **Options**, see page 44.
- Tap **O** to change the settings for selected additional function.
 - Not all cycles have additional functions available.
- Tap and hold **O** to start operation.
 - Once you set the cycle you want, the screen displays a brief cycle description, maximum laundry load, and cycle time. You can also check the cycle progress, remaining cycle time, and information codes.

English 43

Operations

Stay Connect

Set up the Stay Connect function in your SmartThings app to keep Smart Control turned on at the end of a cycle. Your washing machine stays connected to the app so you can send additional instructions, whether you are at home or away.

1. If you turn on the Stay Connect function on the SmartThings app, the washing machine will stay in standby power saving mode after completing a cycle.

- The Stay Connect function will remain active for up to 7 days if the door remains closed.
- When the Stay Connect function is active, the Smart Control, Door Lock, and Wi-Fi icons are illuminated on your washing machine display. You can conveniently control your washing machine, adding rinse, spin or dry cycles using the SmartThings app.

NOTE

- The washing machine switches to standby power saving mode when operation is paused even if the machine is not connected to the SmartThings app.
- In some circumstances, only the Door Lock icon may be illuminated.

SmartThings

Wi-Fi Connection

On your smartphone or tablet, go to **Settings** and turn on the wireless connection and select an AP (Access Point).

- This appliance supports the Wi-Fi 2.4 GHz network.

Download

On an app market (Google Play Store, Apple App Store, Samsung Galaxy Apps), find the SmartThings app with a search term "SmartThings". Download and install the app on your device.

NOTE

The app is subject to change without notice for improved performance.

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Troubleshooting

Problem	Action
Cannot add additional detergent.	<ul style="list-style-type: none">Reduce the detergent amount for soft water, small loads, or lightly soiled loads.Non-HE detergent is not recommended.Make sure the remaining amount of detergent and fabric softener is not over the limit.Plug the power cord into a live electrical outlet.Check the fuse or reset the circuit breaker.Close the door, and tap and hold ▶ to start the washing machine. For your safety, the washing machine will not tumble or spin unless the door is closed.
Stops.	<ul style="list-style-type: none">Before the washing machine starts to fill, it will make a series of clicking noises to check the door lock and will do quick drain.There may be a pause or soak period in the cycle.Make sure the machine is level and not spin completely.Make sure the mesh filter of the water supply hose at the water taps is not clogged. Periodically clean the mesh filter.If the washing machine is not supplied with sufficient power, the washing machine will temporarily not drain or spin. As soon as the washing machine regains sufficient power, it will operate normally.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 of 49°C hot water at the tap. Also, check the water heater capacity and recovery rate.

English 47

Troubleshooting

Code	Action
DC1	<ul style="list-style-type: none">The Main Door lock/unlock is not working properly.Turn the machine off, and restart the cycle.If the information code remains, contact a customer service centre.
Water is not supplied.	<ul style="list-style-type: none">Make sure the water taps are open.Make sure the hoses are not clogged.Make sure the water taps are not frozen.Make sure the washing machine is running 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.When the 4°C message appears, the machine drains water for 3 minutes. In the meantime, the power button will be disabled.
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.
3C	<ul style="list-style-type: none">Water is not draining.Make sure the drain hose is not frozen or clogged.
3C	<ul style="list-style-type: none">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.

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Operations

Cycle overview

Cycle	Description	Max. capacity	Rinse	Spin	Pre-rinse	Post-rinse
Super Eco Wash Intense Cold	<ul style="list-style-type: none">For corsets, bed linens, table linens, bedspreads, towels, shirts, and other items.The washing time and the rinsing time are automatically adjusted according to the load.For cleaning lightly soiled cottons at a nominal temperature of 20°C.	Max.	●	●	●	●
EC Cotton	<ul style="list-style-type: none">Optimal performance with lower energy for cotton fabrics, bed linens, table linens, underwear, towels, or shirts.For energy saving, the actual washing temperature may be lower than specified.	Max.	●	●	●	●
Synthetics	<ul style="list-style-type: none">For fabrics that are made of polyester (dylon, trevira), or the like.	4	●	●	●	●
Towels	<ul style="list-style-type: none">For bath towels, handkerchiefs, and mats.	4	●	●	●	●
Bedding	<ul style="list-style-type: none">For bed spreads, bed sheets, bedding covers, etc.	2	●	●	●	●
Super Sewer	<ul style="list-style-type: none">For best results, wash only 1 type of bedding.The cycle time will differ depending on the water supply conditions, load, and type of laundry.	5	●	●	●	●
Less (Inapplicable models only)	<ul style="list-style-type: none">Use this cycle to reduce the amount of microfibers generated during washing synthetic clothes.	2	●	●	●	●
Downloaded	<ul style="list-style-type: none">Select to choose from more cycles available on the SmartThings app on your smartphone.	–	●	●	●	●

English 45

Operations

Log In

You must first log into SmartThings with your Samsung account. To create a new Samsung account, follow the instructions on the app. You may also create an account separately on your phone.

NOTE

- If you have a Samsung account, use the account to log in. A registered Samsung smartphone or tablet user automatically logs in.
- To register your appliance to SmartThings
 - Make sure your smartphone or tablet is connected to a wireless network, and that Wi-Fi is turned on in the wireless connection and select an AP (Access Point).
 - Open SmartThings on your smartphone or tablet.
 - If a message of "A new device is found" is selected.
 - 4. If an message appears, select **+** and select your appliance in a list of devices available. If your appliance is not listed, select **Device Type > Specific Device Model**, and then add your appliance manually.
 - Register your appliance to the SmartThings app as follows.
 - Add your appliance to SmartThings. Make sure your appliance is connected to SmartThings.
 - When registration is complete, your appliance appears on your smartphone or tablet.

NOTE

When Wi-Fi is activated, the energy consumption increases in comparison to the values specified in the indicative information.

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Operations

Cycle	Description	Max. capacity	Rinse	Spin	Pre-rinse	Post-rinse
Super Eco Wash Intense Cold	<ul style="list-style-type: none">Low temperature ecofriendly cycle with low power consumption.	4	●	●	●	●
EC Cotton	<ul style="list-style-type: none">Optimal performance with lower energy for cotton fabrics, bed linens, table linens, underwear, towels, or shirts.For energy saving, the actual washing temperature may be lower than specified.	Max.	●	●	●	●
Synthetics	<ul style="list-style-type: none">For fabrics that are made of polyester (dylon, trevira), or the like.	4	●	●	●	●
Towels	<ul style="list-style-type: none">For bath towels, handkerchiefs, and mats.	4	●	●	●	●
Bedding	<ul style="list-style-type: none">For bed spreads, bed sheets, bedding covers, etc.	2	●	●	●	●
Shirts	<ul style="list-style-type: none">For shirts, blouses that are made of cotton, synthetic fiber, or the like.	2	●	●	●	●
Hygiene Steam	<ul style="list-style-type: none">For optimum hygiene results select a temperature of 60°C or above.Steam cycles feature allergy care and bacteria elimination (sterilize).	4	●	●	●	●

English 45

Operations

Open Source Announcement

The software included in this product contains open source software. You may obtain the complete corresponding source code for a period of three years after the last shipment of this product by contacting our marketing team via [http://open-source.samsung.com](mailto:open-source@samsung.com) (Please use the "Inquiry" menu).

It is also possible to obtain the complete corresponding source code of any open source software included in this product by contacting our marketing team via [http://open-source.samsung.com](mailto:open-source@samsung.com) (Please use the "Inquiry" menu).

The following URL (https://opendocs.samsung.com/opensource/SMART_AT_0531) leads to the report on the source code information as related to this product. This offer is valid to anyone in receipt of this information.

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Operations

Cycle	Description	Max. capacity	Rinse	Spin	Pre-rinse	Post-rinse
Silent Wash	<ul style="list-style-type: none">For reducing operating noise and vibration.	4	●	●	●	●
Cloudy Day	<ul style="list-style-type: none">For optimum spin drying at high humidity conditions.	Max.	●	●	●	●
Rinse+Spin	<ul style="list-style-type: none">For rinsing an additional rinse process after applying fabric softener to the laundry.	Max.	●	●	●	●
Drain/Spin	<ul style="list-style-type: none">For draining the water inside the drum and running an additional spin process to effectively remove moisture from laundry.	Max.	●	●	●	●
Drum Clean (Inapplicable models only)	<ul style="list-style-type: none">Clears the drum by removing dirt and bacteria from it.Cleans the rubber door gasket by removing any excess 40 washes with no detergent or bleach applied. Notification message appears after every 40 washes.Do not use any cleaning agents for cleaning the drum.	4	●	●	●	●
Drum Clean (Applicable models only)	<ul style="list-style-type: none">Clears the drum by removing dirt and bacteria from it.Perform one every 40 washes with no detergent or bleach applied. Notification message appears after every 40 washes.Do not use any cleaning agents for cleaning the drum.	4	●	●	●	●
Drum Clean (Inapplicable models only)	<ul style="list-style-type: none">Clears the drum by removing dirt and bacteria from it.Perform one every 40 washes with no detergent or bleach applied. Notification message appears after every 40 washes.Do not use any cleaning agents for cleaning the drum.	4	●	●	●	●
Drum Clean (Applicable models only)	<ul style="list-style-type: none">Clears the drum by removing dirt and bacteria from it.Perform one every 40 washes with no detergent or bleach applied. Notification message appears after every 40 washes.Do not use any cleaning agents for cleaning the drum.	4	●	●	●	●

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Operations

Options

Use the **Navigation dial** to select the desired additional function.

- Tap **▶** to select a cycle and change the cycle settings as necessary.
- Tap **O** to change the selected function's settings or start the function.

NOTE

- If the selected function is not supported, the **Currently not supported** message is displayed, and the **▶** button is not activated.
- When you select an additional function, a brief help message appears for the first ten times of use.

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Cycle	Description	Max. capacity	Rinse	Spin	Pre-rinse	Post-rinse
Silent Wash	<ul style="list-style-type: none">For reducing operating noise and vibration.	4	●			