Washing Machine

User manual

WA70CG5441**/WA80CG5441**



SAMSUNG

English

Contents

Safety information 3

What you need to know about the safety instructions 3
Important safety symbols 3
Important safety precautions 4
Critical installation warnings 5
Installation cautions 6
Critical usage warnings 7
Usage cautions 8
Critical cleaning warnings 8

Installation 9

What's included 9
Installation requirements 10
Step-by-step installation 11
Environment 18

Before you start 19

Detergent guidelines 19
Smart Check 21
Laundry guidelines 22

Operations 27

Control panel 27
Simple steps to start 29
Cycle overview 30
Special features 31

Maintenance 33

Cleaning 33

Troubleshooting 40

Checkpoints 40
Information codes 44

Specification 47

Specification sheet 47

Untitled-1 2 2023-02-22 3:44:51

Safety information

Congratulations on your new Samsung washing machine. This manual contains important information on the installation, use and care of your appliance. Please take some time to read this manual to take full advantage of your washing machine's many benefits and features.

What you need to know about the safety instructions

Please read this manual thoroughly to ensure that you know how to safely and efficiently operate the extensive features and functions of your new appliance. Please store the manual in a safe location close to the appliance for future reference. Use this appliance only for its intended purpose as described in this instruction manual.

Warnings and Important Safety Instructions in this manual do not cover all possible conditions and situations that may occur. It is your responsibility to use common sense, caution and care when installing, maintaining and operating your washing machine.

Because the following operating instructions cover various models, the characteristics of your washing machine may differ slightly from those described in this manual and not all warning signs may be applicable. If you have any questions or concerns, contact your nearest service center or find help and information online at www.samsung.com.

Important safety symbols

What the icons and signs in this user manual mean:

⚠ **WARNING**

Hazards or unsafe practices that may result in **severe personal injury, death and/or property damage.**

⚠ **CAUTION**

Hazards or unsafe practices that may result in **personal injury and/or property damage.**

⚠ **CAUTION**

To reduce the risk of fire or explosion, follow these basic precautions.

NOTE

Indicates that a risk of personal injury or material damage exists.

Read the instructions

These warning signs are here to prevent injury to yourself and others.
Please follow them explicitly.
After reading this manual, store it in a safe place for future reference.

Read all instructions before using the appliance.

As with any equipment that uses electricity and moving parts, potential hazards exist. To safely operate this appliance, familiarize yourself with its operation and exercise care when using it.

Untitled-1 3 2023-02-22 3:44:52

Safety information

Important safety precautions

⚠ WARNING

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

1. This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
2. **For use in Europe:** This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
3. Children should be supervised to ensure that they do not play with the appliance.
4. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
5. The new hose-sets supplied with the appliance are to be used and that old hose-sets should not be reused.

Untitled-1 4 2023-02-22 3:44:52

6. For washing machines having ventilation openings in the base, the installation instructions shall state that the openings must not be obstructed by a carpet.
7. **For use in Europe:** Children of less than 3 years should be kept away unless continuously supervised.
8. **CAUTION:** In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.
9. This appliance is intended to be used in household only and it is not intended to be used such as:
   - staff kitchen areas in shops, offices and other working environments;
   - farm houses;
   - by clients in hotels, motels and other residential type environments;
   - bed and breakfast type environments;
   - areas for communal use in blocks of flats or in launderettes.

Critical installation warnings

⚠ **WARNING**

The installation of this appliance must be performed by a qualified technician or service company.

- Failure to do so may result in electric shock, fire, an explosion, problems with the product, or injury.

Plug the power cord into a wall socket that meets local electrical specifications. Use the socket for this appliance only, and do not use an extension cord.

- Sharing a wall socket with other appliances using a power strip or extending the power cord may result in electric shock or fire.

Untitled-1 5 2023-02-22 3:44:52

Safety information

- Ensure that the power voltage, frequency, and current are the same as those of the product specifications. Failure to do so may result in electric shock or fire. Plug the power plug into the wall socket firmly.

Remove all foreign substances such as dust or water from the power plug terminals and contact points using a dry cloth on a regular basis.

- Unplug the power plug and clean it with a dry cloth.
- Failure to do so may result in electric shock or fire.
- Plug the power plug into the wall socket so that the cord is running towards the floor. If you plug the power plug into the socket in the opposite direction, the electric wires within the cable may be damaged and this may result in electric shock or fire.

This appliance must be properly grounded.

Do not ground the appliance to a gas pipe, plastic water pipe, or telephone line.

- This may result in electric shock, fire, an explosion, or problems with the product.
- Never plug the power cord into a socket that is not grounded correctly and make sure that it is in accordance with local and national regulations.

Do not install this appliance near a heater or any inflammable material.

Do not install this appliance in a humid, oily or dusty location, or in a location exposed to direct sunlight or water (rain drops).

Do not install this appliance in a location exposed to low temperatures.

- Frost may cause the tubes to burst.

Do not use an electric transformer.

- This may result in electric shock or fire.

Do not use a damaged power plug, damaged power cord, or loose wall socket.

- This may result in electric shock or fire.

Do not pull or excessively bend the power cord.

Do not twist or tie the power cord.

Do not hook the power cord over a metal object, place a heavy object on the power cord, insert the power cord between objects, or push the power cord into the space behind the appliance.

- This may result in electric shock or fire.

This appliance should be positioned so that the power plug, the water supply taps, and the drain pipes are accessible.

Installation cautions

⚠ **CAUTION**

This appliance should be positioned in such a way that the power plug is easily accessible.

- Failure to do so may result in electric shock or fire due to electric leakage.

Untitled-1 6 2023-02-22 3:44:52

Critical usage warnings

⚠ **WARNING**

If the appliance is flooded, turn off the water & power supplies immediately and contact your nearest Samsung Customer Service.

- Do not touch the power plug with wet hands.
- Failure to do so may result in electric shock.

If the appliance generates a strange noise, a burning smell, or smoke, unplug the power plug immediately and contact your nearest service center.

- Failure to do so may result in electric shock or fire.

In the event of a gas leak (such as propane gas, LP gas, etc.), ventilate immediately without touching the power plug. Do not touch the appliance or power cord.

- Do not use a ventilating fan.
- A spark may result in an explosion or fire.

Do not let children play in or on the washing machine. In addition, when disposing of the appliance, remove the lid.

- If trapped inside the product, children may suffocate to death.

Do not wash items contaminated with gasoline, kerosene, benzene, paint thinner, alcohol or other inflammable or explosive substances.

- This may result in electric shock, fire, or an explosion.

Do not touch the power plug with wet hands.

- This may result in electric shock.

Do not insert your hand or a metal object under the washing machine while an operation is in progress.

- This may result in injury.

Do not attempt to repair, disassemble, or modify the appliance yourself.

- Do not use a fuse (such as copper, steel wire, etc.) other than a standard fuse.
- When the appliance needs to be repaired or reinstalled, contact your nearest service center.
- Failure to do so may result in electric shock, fire, problems with the product, or injury.
- In this case, the product will not be covered by the standard warranty provided by Samsung and no responsibility can be attributed to Samsung for malfunctions or damages resulting from doing it.

Unplug the power plug when the appliance is not being used for long periods of time or during a thunder or lightning storm.

- Failure to do so may result in electric shock or fire.

Do not put your hand into the spinning tub during the spin cycle.

- This may result in injury. If the tub does not stop spinning within 15 seconds after you open the lid, contact your nearest Samsung Customer Service.

Do not let children (or pets) play in or on your washing machine. The washing machine lid does not open easily from the inside and children may be seriously injured if trapped inside.

Untitled-1 7 2023-02-22 3:44:52

Safety information

Do not use the water to exceed 50 °C when using the hot water in your washing machine. Plastic parts may be deformed or damaged, and this may result in electric shock or fire.

Usage cautions

⚠ **CAUTION**

When the washing machine is contaminated by a foreign substance such as detergent, dirt, food waste, etc., unplug the power plug and clean the washing machine using a damp, soft cloth.

- Failure to do so may result in discoloration, deformation, damage, or rust.

The product you have purchased is designed for domestic use only. Using the product for business purposes qualifies as a product misuse. In this case, the product will not be covered by the standard warranty provided by Samsung and no responsibility can be attributed to Samsung for malfunctions or damages resulting from such misuse.

Do not stand on the appliance or place objects (such as laundry, lighted candles, lighted cigarettes, dishes, chemicals, metal objects, etc.) on the appliance.

- This may result in electric shock, fire, problems with the product, or injury.

Do not press the buttons using sharp objects such as pins, knifes, fingernails, etc.

- This may result in electric shock or injury.

Critical cleaning warnings

⚠ **WARNING**

Do not clean the appliance by spraying water directly onto it.

Do not use the a strong acidic cleaning agent.

Before cleaning or performing maintenance, unplug the appliance from the wall socket.

- Failure to do so may result in electric shock or fire.

Untitled-1 8 2023-02-22 3:44:52

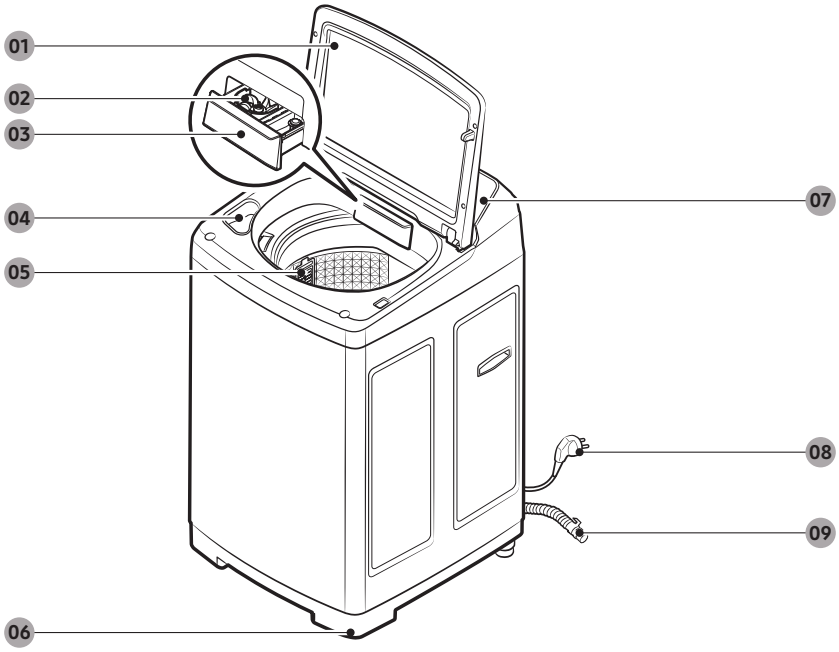
Installation

Follow these instructions carefully to ensure proper installation of the washing machine and to prevent accidents when doing laundry.

English

What's included

Make sure all the parts are included in the product package. If you have a problem with the washing machine or the parts, contact a local Samsung customer centre or the retailer.



01 Lid
02 Bubble Kit
03 Detergent drawer
04 Bleach compartment
05 Filter
06 Levelling feet
07 Control panel
08 Power cord
09 Drain hose

NOTE

- Lid: Make sure to keep the lid closed while the washing machine is operating.
- Filter: This collects lint that builds up from the laundry being washed.

Untitled-1 9
2023-02-22 3:44:52

Installation

- Levelling feet: Adjust the feet to level the washing machine on a flat floor.

Installation requirements

Electrical supply and grounding

⚠ **WARNING**

- Use an individual branch circuit specific to the washing machine.
- Do NOT use an extension cord.
- Use only the power cord that comes with the washing machine.
- Do NOT connect the ground wire to plastic plumbing, gas lines, or hot water pipes.
- Improperly connected grounding conductors may cause electric shock.

Levelling

- To prevent tumbling or noise, install the washing machine on a solid, flat floor without a platform or bricks.
- Keep the washing machine at 10 cm from each adjacent wall.

Water supply

- Make sure water taps are easily accessible.
- Turn off the taps when the washing machine is not in use.
- Check for any leaks at the water hose fittings on a regular basis.

Drain

- Make sure the drain hose is not clogged.
- We recommend a standpipe in height of 90-100 cm. The drain hose must be connected through the hose clip to the standpipe, and the standpipe must fully cover the drain hose. The standpipe specifications mentioned here are only applicable to pump-type models.

Untitled-1 10 2023-02-22 3:44:52

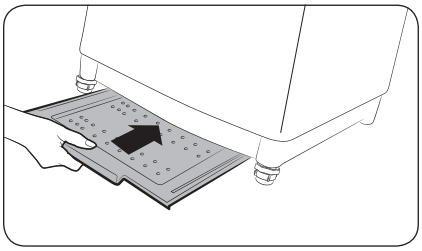
Step-by-step installation

STEP 1 Select a location

Location requirements:

- Solid, level surface without carpeting or flooring that may obstruct ventilation
- Away from direct sunlight
- Adequate room for ventilation and wiring
- The ambient temperature is always higher than the freezing point (0 ˚C)
- Away from a heat source

Anti-rat panel (applicable models only)



The washing machine comes with the **Anti-rat panel** that protects small animals such as rats from entering the machine.

Insert the panel into the bottom of the machine. To facilitate the work, slightly lift up the bottom front.

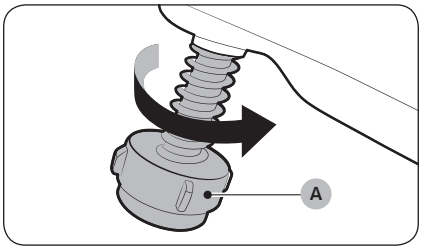
NOTE

- Some models feature the **Anti-rat panel** that must be inserted from the rear bottom of the model. For this model, insert the **Anti-rat panel** before levelling the machine. To facilitate the work, slightly lift up the bottom rear.
- Availability of the **Anti-rat panel** depends on the model.

Untitled-1 11 2023-02-22 3:44:52

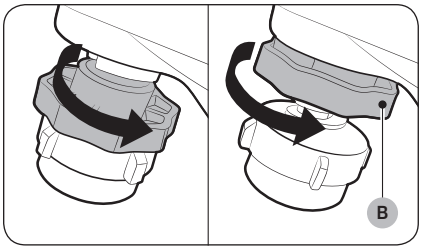
Installation

STEP 2 Adjust the levelling feet



Unpack the product package.

1. Gently slide the washing machine into position. Excessive force may damage the **levelling feet (A)**.
2. Level the washing machine by manually adjusting the levelling feet.



3. When levelling is complete, tighten the **nuts (B)** if provided (some models may not have the nuts).

⚠ **WARNING**

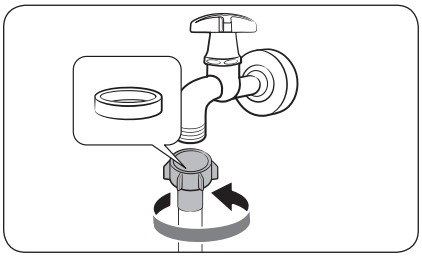
Packaging materials can be dangerous to children. Dispose all packaging material (plastic bags, polystyrene, etc.) out of children's reach.

Untitled-1 12 2023-02-22 3:44:52

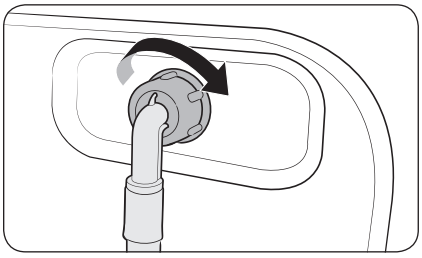
STEP 3 Connect the water hose

The provided water hose may differ depending on the model. Please follow the instruction according to the provided water hose.

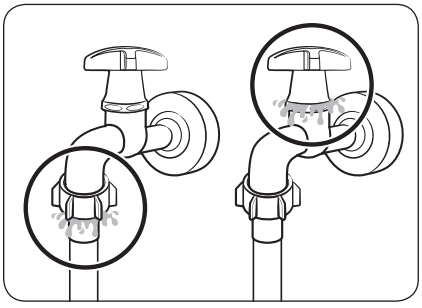
Connecting to a threaded water tap (applicable models only)



1. Connect the water hose to the water tap, and then turn the connector clockwise as shown.



2. Connect the other end of the water hose to the inlet valve on the back of the washing machine. Turn the hose clockwise to tighten.



3. Open the water tap and check if there are any leaks around the connection areas. If there are water leaks, repeat the steps above.

⚠ **WARNING**

If there is a water leak, stop operating the washing machine and disconnect from the electrical supply. Then, contact a local Samsung service centre in case of a leak from the water hose, or contact a plumbing technician in case of a leak from the water tap. Otherwise, this may cause electric shock.

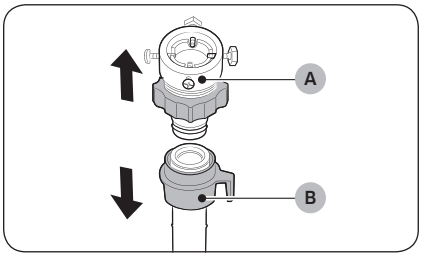
Untitled-1 13 2023-02-22 3:44:52

Installation

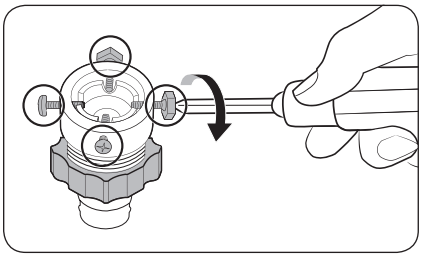
⚠ CAUTION

Do not stretch the water hose by force. If the hose is too short, replace the hose with a longer, high-pressure hose.

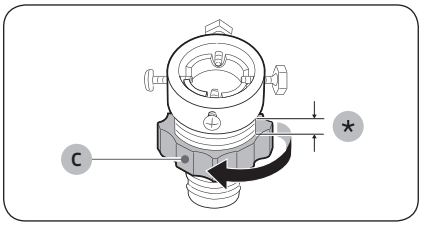
Connecting to a non-threaded water tap (applicable models only)



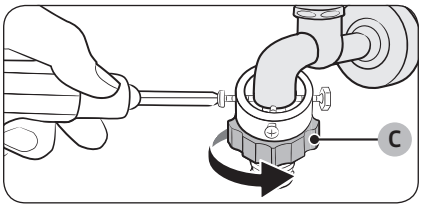
1. Remove the **adaptor (A)** from the water **hose (B)**.



2. Use a Phillips screwdriver to loosen four screws on the adaptor.

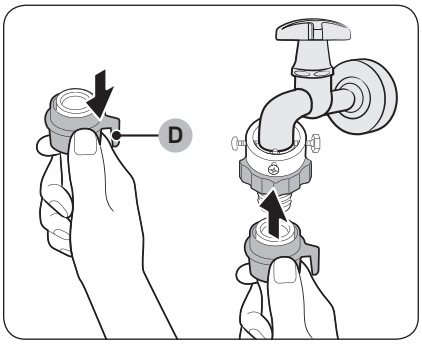


3. Hold the adaptor and turn **part (C)** in the arrow direction to loosen it by 5 mm (*).



4. Insert the adaptor onto the water tap, and then tighten the screws while lifting the adaptor.
5. Turn **part (C)** in the arrow direction to tighten it.

Untitled-1 14 2023-02-22 3:44:53



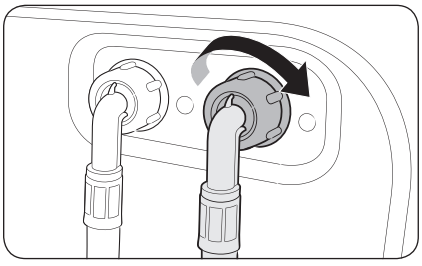
6. While pulling down **part (D)** on the water hose, connect the water hose to the adaptor. Then, release **part (D)**. The hose fits into the adaptor with a clicking sound.

7. To complete connecting the water hose, see 2 and 3 on the "**Connecting to a threaded water tap (applicable models only)**" section.

NOTE

- After connecting the water hose to the adaptor, check if it is connected properly by pulling the water hose downwards.
- Use a popular type of water taps. If the tap is square-shaped or too big, remove the spacer ring before inserting the tap into the adaptor.

For models with an additional hot water inlet:

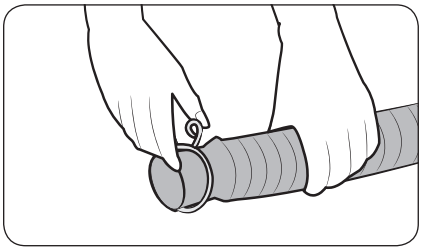


1. Connect the red end of the hot water hose to the hot water inlet on the back of the machine.
2. Connect the other end of the hot water hose to the hot water tap.

Untitled-1 15 2023-02-22 3:44:53

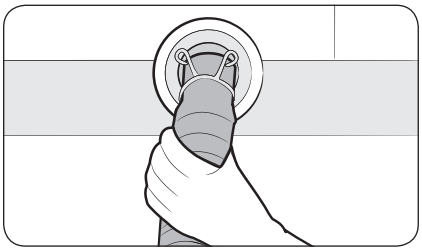
Installation

STEP 4 Position the drain hose



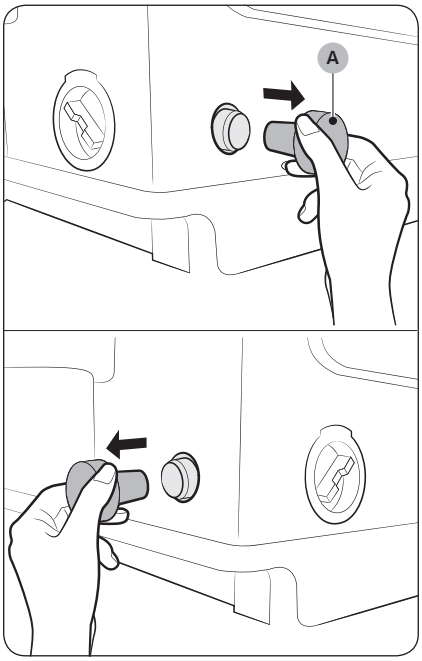
General type

1. Press and hold down the joint ring, and insert it into the drain hose.



2. Insert the drain hose into the drain outlet. Make sure to connect them firmly using the joint ring. The drain hose is extensible. Adjust the length of the drain hose as needed.

Untitled-1 16 2023-02-22 3:44:53

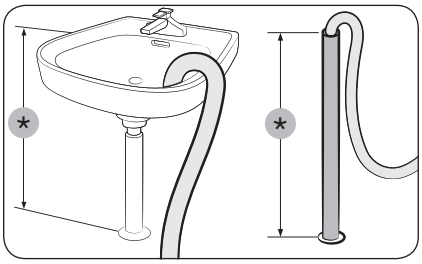


Pump type (applicable models only)

1. Open the **hose cap (A)**, and insert the drain hose. Tighten the drain hose using the joint ring.

NOTE

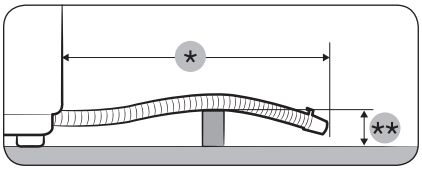
- The position (side or rear) of the drain outlet depends on the model.
- Availability of the hose cap depends on the model.



2. Connect the other end of the drain hose to a standpipe or basin that is positioned 90-100 cm (*) from the floor.

⚠ WARNING

Make sure the end of the drain hose is not submerged by water. Otherwise, the washing machine may suffer serious damage.

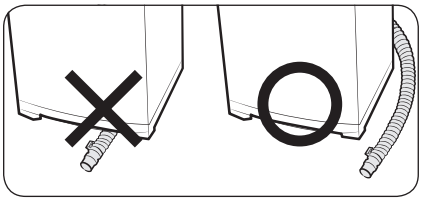


⚠ CAUTION

- Do not exceed **3 m (*)** for the total length of extended hoses.
- Do not let the drain hose run over doorsills that protrude **5 cm (**)** or more from the floor.

Untitled-1 17 2023-02-22 3:44:53

Installation



⚠ CAUTION

Do not run the drain hose under the bottom of the machine.

STEP 5 Power on

Plug the power cord into a wall socket protected by a fuse or circuit breaker. Then, press **Power** to turn on the washing machine.

STEP 6 Calibration Mode

Your Samsung washing machine detects the laundry weight automatically.

For more accurate weight detection, please run Calibration Mode after the installation.

To run Calibration Mode, follow these steps:

1. Remove laundry or any contents in the machine.
2. Press and hold **Water Level** and **Delay End** simultaneously for at least 3 seconds when the power is turned on.
3. Press **Start/Pause** to activate Calibration Mode.
4. The pulsator rotates clockwise and anticlockwise approximately 1 minute.
5. When Calibration Mode is finished, "**0**" appears on the display, and the washing machine automatically turns off. The washing machine is now ready for use.

Environment

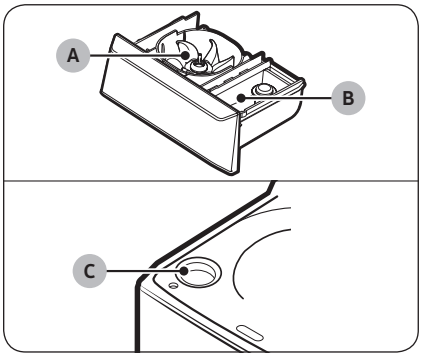
Please dispose of the packaging materials for this product in an "environmentally friendly" manner. For further detail, please contact your local area authority.

Untitled-1 18 2023-02-22 3:44:53

Before you start

Detergent guidelines

The washing machine provides a two-compartment dispenser for detergent and fabric softener. The bleach compartment is located on the left side of the tub.

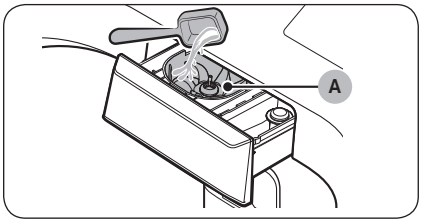


- **Detergent compartment with Bubble Kit (A)**: Apply a recommended amount of detergent (liquid or powder) into the compartment.
- **Softener compartment (B)**: Add a recommended amount of fabric softener into the softener compartment.
- **Bleach compartment (C):** Add non-chlorine bleach as instructed by the manufacturer.

NOTE

- Do not pour colour-safe bleach into the bleach compartment.
- Use the softener compartment only for liquid fabric softeners.

To apply detergents



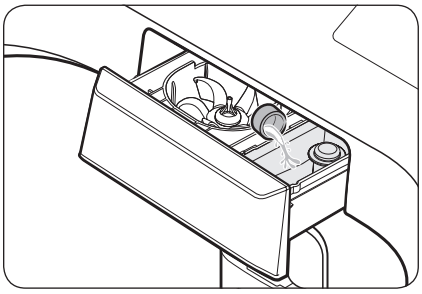
1. Open the lid.
2. Locate the detergent drawer, and slide it open.
3. Apply detergent (liquid or powder) into the detergent compartment.

NOTE

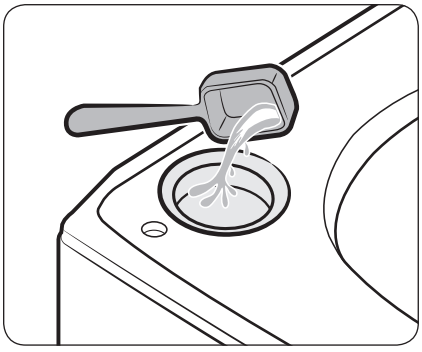
- Do not exceed the max line on the **Bubble Kit (A)** when you put detergent (liquid or powder) into the detergent compartment.
- You can remove the Bubble Kit and add the powder detergent if the required amount of powder detergent for your laundry exceeds the bubble kit's maximum line.

Untitled-1 19 2023-02-22 3:44:54

Before you start



4. Add a recommended amount of fabric softener into the softener compartment.



5. Add a recommended amount of non-chlorine bleach into the bleach compartment.

NOTE

Do not exceed the max line when applying the cleaning agents.

⚠ CAUTION

Do not pour undiluted liquid chlorine bleach directly onto the load or into the tub. This may cause fabric damage.

NOTE

- It is normal for a small amount of water to remain in the detergent compartments at the end of the cycle.
- When adding colour-safe bleach, it is recommended to use liquid detergent.
- Do not use liquid fabric softener that is too sticky as it may not mix with the water sufficiently.

Untitled-1 20 2023-02-22 3:44:54

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 optimised for Galaxy & iPhone series (applicable models only).

1. Press and hold **Wash** and **Rinse** simultaneously for 3 seconds to enter the Smart Check mode.
2. The washing machine starts the self-diagnosis 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 recognised automatically by the app.
5. When the information code is recognised correctly, the app provides detailed information about the problem with applicable solutions.

NOTE

- The function name, Smart Check, may differ depending on the language.
- If there is strong reflected light on the washing machine display, the app may fail to recognise the information code.
- If the app fails to recognise the Smart Check code consecutively, enter the information code manually onto the app screen.

Untitled-1 21 2023-02-22 3:44:54

Before you start

Laundry guidelines

Checkpoints

- Check for stains or dirt. Apply a little detergent to a white towel. Rub the white towel and the dirty clothes together to transfer the dirt or colour to the white towel.
- Before washing, pre-treat the sleeves, collars, dress hems, and pockets by brushing with detergent.
- Wrinkle-processed clothes made of wool must be specially treated by tightening them with threads before washing. Remove the threads after washing and drying is complete.

⚠ **CAUTION**

- Do not place or keep blankets in the tub.
- Do not put candles or a heat source in or on the washing machine.
- Do not wash these clothes:
  - Neckties, brassieres, jackets, suits, and coats can be easily deformed by shrinking or discolouring on the surface. These clothes are mostly made of rayon, polynosic, cuff, and/or blended fabric.
  - Wrinkle-processed, embossed, or resin processed clothes easily deform merely by soaking in water.
  - Clothes that are easily discoloured made from cotton, wool, wrinkled silk, leather wear and accessories, and leather ornamented clothes and accessories.
  - Waterproof sheets, mattresses, or wool quilts, rain covers, fishing jackets and trousers, skiwear, sleeping bags, diaper covers, sweat suits, vehicle covers for automobiles, bicycles, and motorcycles, bath rugs, and other waterproof items.

Untitled-1 22 2023-02-22 3:44:54

STEP 1 Sort

Sort the laundry according to these criteria:

- Care Label: Sort the laundry into cottons, mixed fibres, synthetics, silks, wools, and rayon.
- Colour: Separate whites from colours.
- Size: Mixing different-sized items together in the tub improves the washing performance.
- Sensitivity: Follow the cloth-specific instructions on the care label of delicate items such as pure, new woollen items, curtains, and silk items.

NOTE

Make sure to check the care label on the clothing, and sort them accordingly before starting the wash.

STEP 2 Empty pockets

Empty all the pockets of your laundry items, and remove dirt and/or soils from them.

- Metal objects such as coins, pins, and buckles on clothing may damage other laundry items as well as the tub.
- Turn clothing with buttons and embroideries inside out.
- If pants or jacket zippers are open while washing, the tub may be damaged.
- Zippers should be closed and fixed with a string.
- Clothing with long strings may become entangled with other clothes. Make sure to tie the strings before washing.

Untitled-1 23 2023-02-22 3:44:54

Before you start

STEP 3 Use a laundry net or wash certain items separately

- Brassieres (water washable) must be placed in a laundry net. Metal parts of the brassieres may break through and tear other laundry items.
- Cashmilon, large volume garments, and lightweight clothes (lace-decorated clothes, lingerie, nylon stocking, and synthetic fabrics) may float on water during washing and cause problems to the machine. Use the laundry net or wash them separately.
- Do not wash the laundry net by itself without other laundry. This may cause abnormal vibrations that could move the washing machine and result in injury.

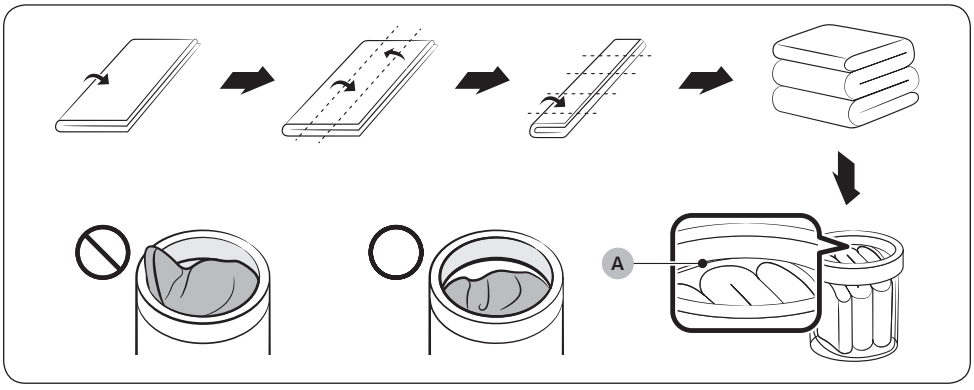
⚠ **CAUTION**

Make sure to soak inflatable items (such as blankets, and cotton-filled or microfibre quilets) in water before you run a cycle.

- Inflatable items may cause damage to the laundry or the machine during the wash or drying process.
- Regardless of the size, blankets or quilts are safer and cleaner to wash one item at a time. Two different-sized blankets in the same load may compromise the drying performance due to unbalanced loads.

To input a blanket

Fold the blanket as shown, and then put it on the **plastic area (A)** of the tub before inserting into the tub.



Untitled-1 24 2023-02-22 3:44:54

STEP 4 Prewash (if necessary)

- To remove stains and dirt on collars, sleeves, hems, and pockets, apply detergent lightly and brush off.
- Use powder or liquid detergents. Do not use soap, as this may remain on the tub after washing.
- Prewash white socks, sleeves, and collars with a little detergent and a brush.

⚠ CAUTION

Make sure the laundry is inserted completely.

- Any exposed part of the laundry may cause damage to the machine or the laundry itself, or a water leak.
- Make sure the laundry does not exceed the **plastic area (A)** in the above figure.

STEP 5 Determine the load capacity

Make sure the laundry does not exceed the **plastic area (A)** in the figure on page **24**. Otherwise, it may cause the washing machine to not wash properly or cause damage to the machine or the laundry itself, or a water leak.

NOTE

When washing bedding or bedding covers, the wash time may be lengthened or the spin efficiency may be reduced. For bedding or bedding covers, the recommended load capacity is 3.5 kg or less.

⚠ CAUTION

If the laundry is unbalanced and the "**Ub**" information code is displayed, redistribute the load. Unbalanced laundry may reduce the spinning performance and cause damage to the machine or the laundry itself.

Untitled-1 25 2023-02-22 3:44:54

Before you start

STEP 6 Apply a proper detergent type

The type of detergent depends on the type of fabric (cotton, synthetic, delicate items, wool), colour, wash temperature, and degree of soiling. Always use "low suds" laundry detergent, which is designed for automatic washing machines.

⚠ CAUTION

- Use an appropriate amount of detergent. Excess amounts of detergent do not produce much improvement in washing results but cause damage to the laundry due to deteriorated rinsing performance.
- Bleach is strong alkali in nature, causing damage to or discolouration of the laundry.
- Use a longer or added rinse cycle when using powder detergent that is very likely to remain on the laundry and cause bad odours after washing is complete.
- If an excessive amount of detergent is used especially in cold water, the detergent doesn't dissolve well, ending up with contaminated laundry, hoses, and/or tub.
- In case of timed washing, do not apply detergent directly to laundry or the tub. The laundry may be discoloured. Use the detergent drawer.
- When washing wool using the Wool cycle, use only a neutral detergent to avoid discolouring the laundry.

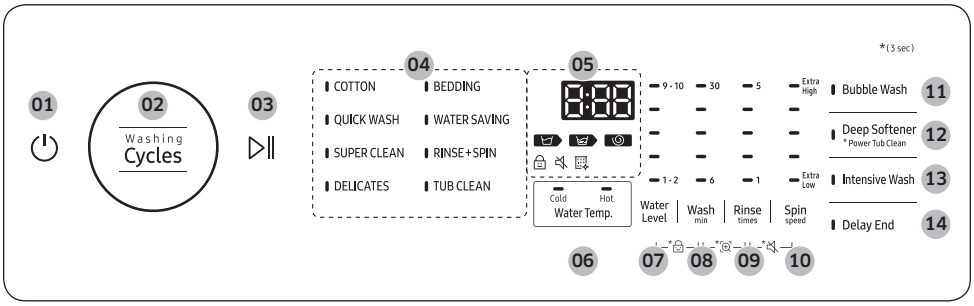
NOTE

- Follow the detergent manufacturer's recommendations based on the weight of the laundry, the degree of soiling, and the hardness of the water in your local area. If you are not sure about the water hardness, contact a local water authority.
- Do not use detergent that tends to be hardened or solidified. This detergent may remain after the rinse process, blocking the drain outlet.
- Powdered detergent should be thoroughly dissolved in a small amount of warm water before adding to the machine.

Untitled-1 26 2023-02-22 3:44:54

Operations

Control panel



01 Power	Press to turn on/off the washing machine.
02 Cycles	Press to select the desired cycle.
03 Start/Pause	Press to start or pause an operation.
04 Cycle indicators	The indicator next to each wash cycle turns on to indicate the selected cycle.
05 Display	Displays the current cycle information and estimated time remaining, or an information code if the washing machine needs to be checked.
06 Water Temp.	Press to toggle between two different water temperature options. • **Cold**: For brightly coloured, very lightly soiled items. • **Hot**: For colourfast items.
07 Water Level	Press to change the water level manually.
08 Wash	Press to select the wash time manually or press and hold to start wash cycle only.
09 Rinse	Press to change the number of rinses (maximum 5 rinses) or press and hold to start rinse cycle only.
10 Spin	Press to select a different spin speed or press and hold to start spin cycle only.
11 Bubble Wash	Press this button to activate/deactivate the Bubble Wash function. This function is only available in the COTTON cycle. • The Bubble Wash function helps the detergent penetrate into your laundry faster and more effectively. It even protects your laundry from being damaged.

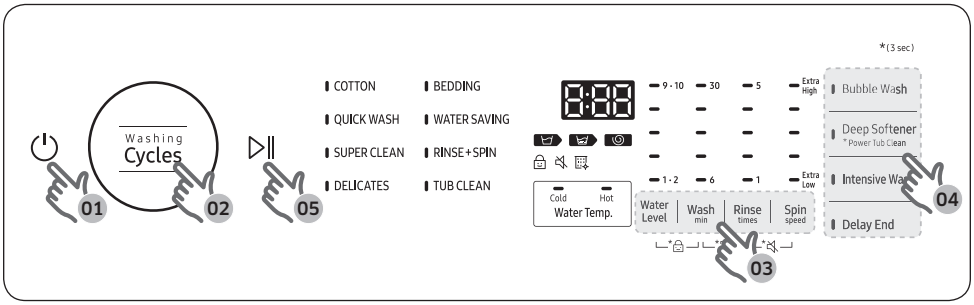
Untitled-1 27
2023-02-22 3:44:54

Operations

12 Deep Softener	The Deep Softener option maximizes the effect of the softener for a richer and longer fragrance by optimizing the rinsing process . This function available in the COTTON, QUICK WASH, BEDDING, RINSE+SPIN cycle ⚠ **CAUTION** • If you machine-dry the items after using the Deep Softener option, the softener fragrance can get weakened. • Using strong-scented detergent can also cause the fragrance of the fabric softener to decrease. • The result may vary depending on the type of fabric softener. You may feel less fragrance on some softeners (such as natural softener and baby softener). **NOTE** **Power Tub Clean**: Press and hold **Deep Softener** for 3 seconds. Use this function if you have not performed the TUB CLEAN cycle or need more powerful tub cleaning performance. You can add detergent to clean the tub more thoroughly.
13 Intensive Wash	Press this button when the laundry is heavily soiled and needs to be washed intensively. The cycle time will be increased if Intensive Wash is on.This function is only available in the COTTON, SUPER CLEAN, BEDDING
14 Delay End	Press to finish the wash at a specified time. To cancel the Delay End settings, simply turn off the washing machine. You can set the Delay End time up to 24 hours.

Untitled-1 28 2023-02-22 3:44:54

Simple steps to start



1. Press **Power** to turn on the washing machine.
2. Press **Cycles** repeatedly until the desired cycle is selected.
3. Change the cycle settings (Water Level, Wash, Rinse, and/or Spin) as necessary.
4. To add an option, press the corresponding button.
5. Press **Start/Pause**.

To change the cycle during operation

1. Press **Start/Pause** to pause the operation.
2. Select a different cycle, and repeat steps 3-4 above if necessary.
3. Press **Start/Pause** again to start the new cycle.

Untitled-1 29 2023-02-22 3:44:54

Operations

Cycle overview

Cycle	Description	Max load (kg)
COTTON	• For most fabrics including cottons, linens.	Max
QUICK WASH	• For lightly soiled items that you want to finish washing quickly.	Max
SUPER CLEAN	• Select this if you want to produce powerful cleaning performance.	Max
DELICATES	• For sheer fabrics, bras, lingerie, silks, and other handwash-only fabrics. For best results, use liquid detergent.	2.0
BEDDING	• For bulky items such as comforters, blankets, and sheets. • For best results, wash only a single type of bedding.	3.5
WATER SAVING	• Select this to wash effectively with a minimum amount of water. • WA70CG5441**, WA80CG5441** : "WATER SAVING, Water Level 8, Spin speed Extra High, Temp . Cold & Hot " is recommended for a normally soiled cotton load. **NOTE** Energy and water labelling test program in accordance with AS/NZS 2040.	Max
RINSE+SPIN	• Featuring an additional rinse process after applying fabric softener to the laundry.	Max
TUB CLEAN	• Select this to clean the tub. The powerful spinning force removes impurities and bad odours from inside the tub. • A blinking TUB CLEAN indicator reminds you that it is time to clean the tub using TUB CLEAN. For details, see the **Cleaning** section in this manual.	-

Untitled-1 30 2023-02-22 3:44:55

Special features

Child Lock

The Child Lock function locks the washing machine lid to prevent children from climbing into and suffocating inside the tub.

Activating the Child Lock function

Press and hold **Water Level** and **Wash** simultaneously for approximately 3 seconds.

- When you activate the Child Lock function, the Child Lock indicator blinks.

Using the Child Lock function

If the lid is opened when the Child Lock function is on, "**dC**" is displayed and an alarm sounds.

- If the water level in the tub is above the safe water level, "**dC**" is displayed on the LED display and the washing machine starts to drain water by force after 30 seconds.
- If the water level in the tub is above the safe water level and the Child Lock function is turned on while the lid is open, "**CL**" is displayed on the LED display, even if the washing machine is turned off, and the washing machine drains water by force.
- When Child Lock is on and the washing machine is off, if the water in the tub is above the safe water level and the lid is opened, "**CL**" is displayed on the LED display. No alarm sounds, but the washing machine drains the water. When the draining operation finishes, the power automatically turns off again.
- After the compulsory drain, "**CL**" blinks at 1 second intervals and the washing machine enters the "**CL**" mode. (When the washing machine is in the "**CL**" mode, only the **Power** button works.)
- To cancel the "**CL**" mode, turn the power off and then on again.
- To cancel the "**dC**" mode, deactivate the Child Lock function. To deactivate the Child Lock function, press and hold **Water Level** and **Wash** simultaneously for at least 3 seconds.

Untitled-1 31 2023-02-22 3:44:55

Operations

Deactivating the Child Lock function

Press and hold both **Water Level** and **Wash** simultaneously for approximately 3 seconds.

- When you deactivate the Child Lock function, the Child Lock indicator is turned off.
- The Child Lock function prevents children or the infirm from accidently operating the washing machine and injuring themselves.

⚠ WARNING

If a child enters the washing machine, the child may become trapped and suffocate.

⚠ CAUTION

- Once you have activated the Child Lock function, it continues working even if the power is turned off.
- Forcing the lid open can result in injury or damage to the product.

NOTE

To add laundry after you have activated the Child Lock function, you must first deactivate the Child Lock function.

Delay End

You can set the washing machine to finish a cycle later. The hour displayed indicates the time the wash will finish.

1. Select a cycle. Then, change the cycle settings if necessary.
2. Press **Delay End** repeatedly until a desired end time is set.
3. Press **Start/Pause**. The indicator next to the **Delay End** button turns on, and the timer starts.
4. To cancel **Delay End**, restart the washing machine by pressing **Power**.

Real-life case

You want to finish a two-hour cycle 3 hours from now. To do this, add the Delay End option to the current cycle with a 3-hour setting, and then press **Start/Pause** at 2:00 p.m. The washing machine starts operating at 3:00 p.m. and ends at 5:00 p.m. Provided below is the timeline for this example.



Sound On/Off

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

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

Untitled-1 32 2023-02-22 3:44:55

Maintenance

Cleaning

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

Exterior

- Use a soft cloth to wipe up all detergent, bleach, or other spills as they occur.
- Clean the control panel with a soft, damp cloth. Do not use abrasive powders or cleaning pads. Do not spray cleaners directly on the panels.

TUB CLEAN

Regularly run this cycle to clean the tub and to remove bacteria from it.

1. Makes sure the tub is completely empty.
2. Press **Power** to turn on the washing machine.
3. Press **Cycles** repeatedly until **TUB CLEAN** is selected. You can also use Delay End with TUB CLEAN.
4. Press **Start/Pause**.

NOTE

If the washing machine is installed and used in a humid place, bacteria in the air may adhere to the humid surface of the tub and foster mould growth, which is harmful to your health. To keep your washing machine tub clean, use the TUB CLEAN cycle once every 1-2 months (or when the TUB CLEAN indicator turns on) to clean the tub.

⚠ CAUTION

- Only run TUB CLEAN when the tub is completely empty. This may cause damage to the laundry or a problem with the washing machine.
- Depending on the conditions and surroundings in which the washing machine is used, the degree of contamination in the tub or the result of the TUB CLEAN cycle may vary. When using the TUB CLEAN cycle, pour 200 ml of chlorine bleach evenly on the bottom of the tub.
  - Excessive use of chlorine bleach may cause product malfunction. Do not mix chlorine bleach with other substances (such as vinegar, citric and oxygen bleach, etc.)
  - Mixing chlorine bleach with these substances can generate harmful gas. When using chlorine bleach, make sure to ventilate the surrounding area. If you have used the washing machine for a long time without cleaning the tub or if you are cleaning the tub for the first time, some residue may remain in the tub after the TUB CLEAN cycle.
- Run an additional RINSE+SPIN cycle to completely remove residue. Though stainless tubs do not rust easily, they may get rusty in the following cases; if rust should occur, wipe them with neutral detergent on a sponge or soft cloth.
  - If any metallic objects (safety pins, hairpins, etc.) that rust easily are left in the tub for a long time.
  - If chlorine bleach is left in the tub for a long time.
  - If an excessive amount of chlorine bleach is used in the tub.

Untitled-1 33 2023-02-22 3:44:55

Maintenance

TUB CLEAN reminder

- The TUB CLEAN indicator reminds you of cleaning the tub when necessary. If you happen to see the indicator blinking after washing is complete, remove the laundry and run the TUB CLEAN cycle.
- You can ignore this reminder and continue to run cycles normally because this is not a system failure. However, the reminder remains active for 6 consecutive cycles immediately after each cycle is complete.
- To keep the tub clean, it is recommended to run TUB CLEAN on a regular basis.

Power Tub Clean

Use this function if you have not performed the TUB CLEAN cycle or need more powerful tub cleaning performance. You can add detergent to clean the tub more thoroughly.

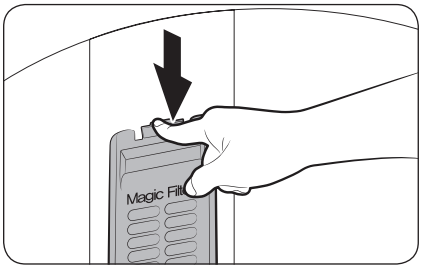
1. Make sure the tub is empty.
2. Press **Power** to turn on the washing machine.
3. Press and hold **Deep Softener** for 3 seconds.
   - Pour 200 ml of chlorine bleach evenly on the bottom of the tub.
4. Press **Start/Pause**.

⚠ **WARNING**

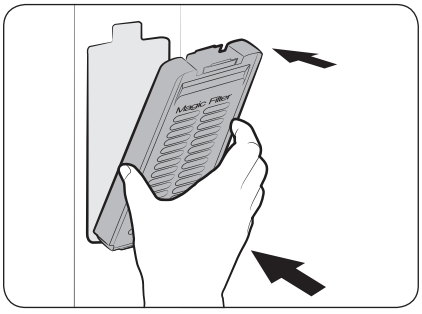
- Do not put any items in the tub while running the Power Tub Clean cycle. The items may get damaged or discoloured.
- Depending on the conditions and surroundings in which the washing machine is used, the degree of contamination in the tub or the result of the Power Tub Clean cycle may vary.

Untitled-1 34 2023-02-22 3:44:55

Magic filter



1. Press down the upper area of the filter case to remove.
2. Unlock the cover, and clean the filter with running water and a brush.

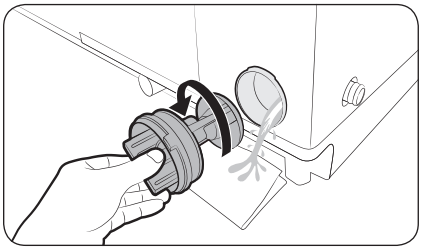


3. When cleaning is complete, close the cover and reinsert the filter case to the original position. You will hear a clicking sound when the filter case fits in.

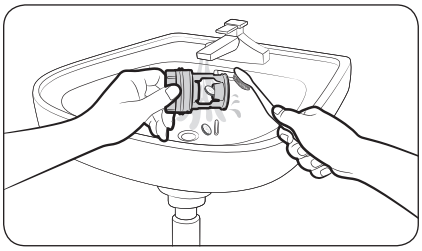
Untitled-1 35 2023-02-22 3:44:55

Maintenance

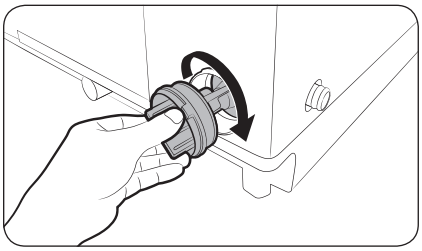
Pump filter (applicable models only)



1. Put a floor-cloth or towel under the Pump filter. Turn the filter knob anticlockwise to remove.



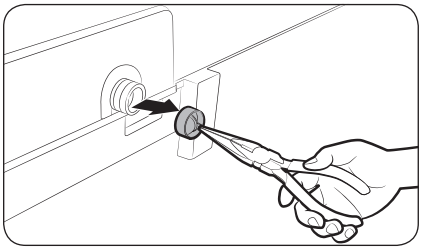
2. Clean the filter with running water and a soft brush.



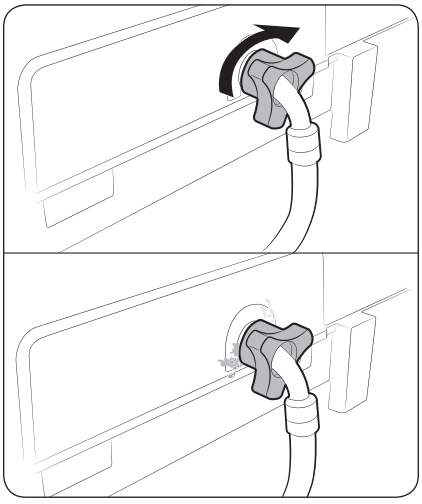
3. Reinsert the filter, and turn clockwise until it locks into position.

Untitled-1 36 2023-02-22 3:44:55

Mesh filter



1. Use pliers to pull out the mesh filter from inside the water inlet as shown.
2. Use a soft brush to clean the mesh filter with running water.

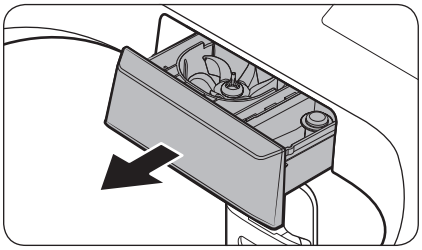


3. Reinsert the filter. Make sure it is tightened against water leaks.

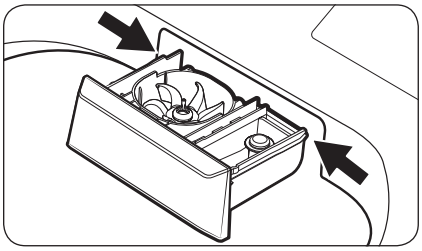
Untitled-1 37 2023-02-22 3:44:55

Maintenance

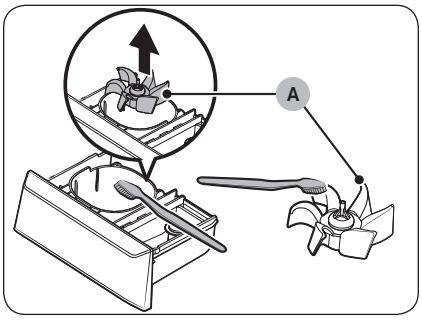
Detergent drawer



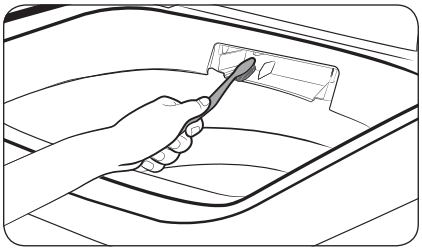
1. Fully pull out the detergent drawer.



2. To remove, pull the detergent drawer while pushing the ends of each side.

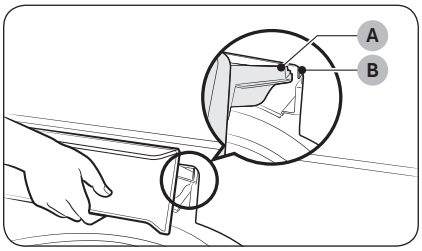


3. Remove the **Bubble Kit (A)** from the compartments. Rinse the **Bubble Kit (A)** and the drawer in warm water and clean with a soft brush.



4. Clean the drawer opening thoroughly with a small, non-metallic brush.

Untitled-1 38 2023-02-22 3:44:56



5. Return the **Bubble Kit (A)** to the detergent compartment. Replace the drawer by placing the **drawer rail (A)** on the **compartment rail (B)** while tilting the drawer downward.
6. Fully push the drawer back to close.

Untitled-1 39 2023-02-22 3:44:56

Troubleshooting

Checkpoints

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

Problem	Action
Does not turn on.	• Make sure you use rated power for the product. • Make sure the power cord is completely plugged in. • Check the fuse or reset the circuit breaker.
Does not start.	• Make sure the lid is closed. • Make sure the water taps are open. • Make sure to press **Start/Pause** (or press and hold **Start/Pause** for 3 seconds) 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 lid's lock and does a quick drain. (This only applies to the models with the lid-locking feature.) • Was the lid opened during the spinning cycle? Close the lid, and press **Start/Pause** (or press and hold **Start/Pause** for 3 seconds) to resume. (This only applies to the models without the lid-locking feature.) • The machine enters Standby or is in a soaking cycle. Please wait. • Check the fuse or reset the circuit breaker.
Water is not supplied.	• Make sure you press **Start/Pause** (or press and hold **Start/Pause** for 3 seconds) after selecting the water supply. • Make sure the water taps are open. • Is the filter net at the water supply hose connector clogged? Clean the filter net by brushing with a toothbrush. • Is the water supply cut off? If the water supply is cut off, close the tap and power off. • Straighten the water supply hoses. • Open and close the lid, then press **Start/Pause** (or press and hold **Start/Pause** for 3 seconds). • If the water pressure is low, it takes longer to start washing. • If the water level is not as high as necessary or lower than expected, use the level selector to adjust the water level.
After a cycle, detergent remains in the automatic dispenser.	• Make sure the washing machine is running with sufficient water pressure. • Make sure the detergent drawer is properly inserted. • Remove and clean the detergent drawer, and then try again.

Untitled-1 40 2023-02-22 3:44:56

Problem	Action
Vibrates excessively or makes noise.	• Make sure the washing machine is set on a level floor. If the floor is not level, use the levelling feet to adjust the washing machine. • Make sure the washing machine is not contacting any other object. • Make sure the laundry load is balanced. • Make sure the laundry is spread evenly in the washing machine. Spread out the laundry evenly and start again. • Make sure the space around the washing machine is free of objects. • Humming is produced normally during operation. • Objects such as coins can cause noise. Remove these objects from the washing machine after washing is complete.
Stops.	• Plug the power cord into a live electrical outlet. • Check the fuse or reset the circuit breaker. • Close the lid, and press **Start/Pause** (or press and hold **Start/Pause** for 3 seconds) to start the washing machine. For your safety, the washing machine will not spin unless the lid is closed. (This only applies to the models with the lid-locking feature.) • Before the washing machine starts to fill, it will make a series of clicking noises to check the lid's 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 inlet hose screens at the taps are not clogged. Periodically clean the screens. • This problem occurs temporarily due to low voltages, and will be solved when power recovers.
The TUB CLEAN alarm does not turn off.	• When the machine is diagnosed to be cleaned, the TUB CLEAN indicator blinks for an hour. This recurs 6 consecutive times until you run the TUB CLEAN cycle. This is normal, and not a system failure. To keep the tub clean, it is recommended to run the cycle once every 1-3 months.

Untitled-1 41 2023-02-22 3:44:56

Troubleshooting

Problem	Action
Fills with the wrong temperature water.	• Fully open both water taps. • Make sure the temperature selection is correct. • Make sure the hoses are connected to the correct water taps. Flush water lines. • Disconnect the hoses and clean the screens. The hose filter screens 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.
The lid is locked or will not open. (This only applies to the models with the lid-locking feature.)	• The lid is locked and will not open while the washing machine is operating. To open the lid, press **Start/Pause** to pause the operation first. (If the Child Lock function is activated, you must deactivate the Child Lock function before pressing **Start/Pause**.)
Does not drain and/or spin.	• Check the fuse or reset the circuit breaker. • Make sure the electrical voltage is normal. • Make sure the washing machine is plugged in. • Make sure the drain hose is pointed downward. (Natural drain models only) • Make sure the drain hose is not clogged. • Make sure the drain hose is not kinked. • Straighten the drain hose. If there is a drain restriction, call for service. • Close the lid, and press **Start/Pause** (or press and hold **Start/Pause** for 3 seconds). For your safety, the washing machine will not spin unless the lid is closed.
Load is wet at the end of the cycle.	• Use the High or Extra High spin speed. (Applicable model only) • 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.

Untitled-1 42 2023-02-22 3:44:56

Problem	Action
Leaks water.	• Make sure all hose connections are tight. • Make sure the water supply hose's rubber packing is in the correct position. Screw tightly again. • 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. • Make sure the water supply hose is not kinked. • If the water supply is too strong, water may leak. Close the water tap a little. • Make sure water is not leaking from the water tap. If so, repair the water tap.
Excessive suds.	• 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.
The spin basket or drain/ supply hose is frozen.	• Use warm water to disconnect the water supply hose and drain hose. Soak them in warm water. • Fill the spin basket with warm water, and then wait for about 10 minutes. • Put a hot towel on the drain hose connector. • Reconnect the water supply hose and drain hose, and check if water is supplied properly.
Water drains out immediately.	• Make sure the drain hose is not clogged, and is hung over the drain hose hook. Fill the spin basket halfway with water, and try spinning again. • Lift the end of the drain hose to prevent water from draining. Fill the spin basket halfway with water, and then run spinning after releasing the drain hose. • Make sure the drain hose is installed correctly. See the installation section of this user manual and adjust the position of the drain hose as instructed.
Stains on clothes.	• Clean the filter.
Has odours.	• Excessive suds collect in recesses and can cause foul odours. • Run cleansing cycles to sanitise periodically. • Dry the washing machine interior after a cycle has finished.

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

Untitled-1 43 2023-02-22 3:44:56

Troubleshooting

Information codes

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

Code	Action
1C	The Water Level sensor is not working properly. • Check Water Level Sensor wire harness. • If the information code remains, contact a customer service centre. **NOTE** When the washing machine displays "**1C**", the washing machine drains for 3 minutes and the **Power** button is inoperative during this time.
3C	Check the motor for operation. • Try restarting the cycle. • If the problem continues, call for service.
4C	Water is not supplied. • 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. **NOTE** When the washing machine displays "**4C**", the washing machine drains for 3 minutes and the **Power** button is inoperative during this time.
4C2	• 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	Water is not draining. • 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.
8C	Check the MEMS sensor. • Power off the washing machine. Wait 2-3 minutes, power on the washing machine, and then try again. • If the problem continues, call for service.

Untitled-1 44 2023-02-22 3:44:56

Code	Action
9C1	The electronic control needs to be checked (Over Voltage Error). • Check the PCB and wire harness. • Check if power is supplied properly. • If the information code remains, contact a customer service centre.
9C2	Low voltage detected. • Check if the power cord is plugged in. • If the information code remains, contact a customer service centre.
AC6	Inverter Communication problem. • Check the Inverter PCB and wire harness. • If the information code remains, contact a customer service centre.
dC dC1	The washing machine's lid is not properly closed. • Make sure the lid is properly closed. • Make sure laundry is not caught in the lid. • If the information code remains, contact a customer service centre.
HC	High temperature heating check. • If the information code remains, contact a customer service centre.
LC	Check the drain hose. • 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. **NOTE** When the washing machine displays "**LC**", the washing machine drains for 3 minutes and the **Power** button is inoperative during this time.
OC	Water is overflowed. • Restart after spinning. • If the information code remains on the display, contact a local Samsung service centre.
PC	When position of the clutch can't be detected. • If the information code remains, contact a customer service centre.
PC1	After position of the clutch is detected, if the signal of the clutch hall goes wrong. • If the information code remains, contact a customer service centre.

Untitled-1 45 2023-02-22 3:44:56

Troubleshooting

Code	Action
Ub	Spinning does not work. • 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.

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

Untitled-1 46 2023-02-22 3:44:56

Specification

Specification sheet

Type		Top loading washing machine	
		WA70CG5441**	WA80CG5441**
Max load capacity (kg)		7.0	8.0
Power consumption (W)	AC 220-240 V / 50 Hz	500	
Dimensions (mm)		W610 x D675 x H1059	
Net weight (kg)		40.0	
Water pressure (MPa (kg·f/cm^2))		0.05 - 0.78 (0.5 - 8.0)	
Spin speed (rpm)		700	

NOTE

- Asterisk (*) means variant model and can be varied (0-9) or (A-Z).
- The design and specifications are subject to change without notice for quality improvement purposes.

Untitled-1 47 2023-02-22 3:44:56

SAMSUNG

QUESTIONS OR COMMENTS?

COUNTRY	CALL	OR VISIT US ONLINE AT
AUSTRALIA	1300 362 603	www.samsung.com/au/support
NEW ZEALAND	0800 726 786	www.samsung.com/nz/support

DC68-04440E-00