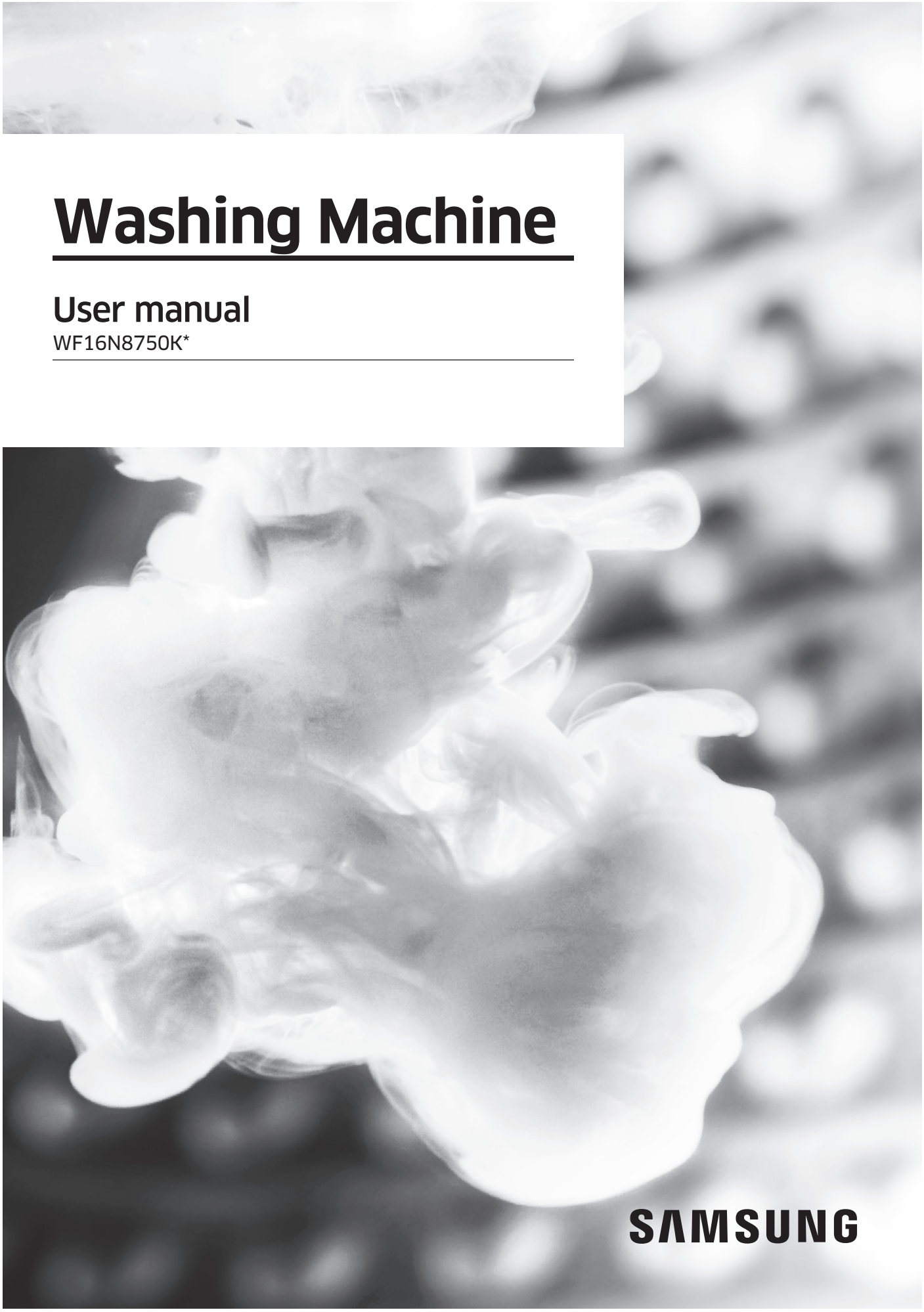
Washing Machine

User manual

WF16N8750K*



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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 centre 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

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These warning signs are here to prevent injury to yourself and others. Please follow them explicitly.

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.

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.

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Safety information

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.
6. For appliances with ventilation openings in the base, that a carpet must not obstruct the openings;
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.

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

The appliance is heavy, therefore take care when lifting it.

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.
- 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.

Keep all packaging materials out of the reach of children as these may be dangerous.

- If a child places a bag over its head, it may suffocate. When the appliance, power plug or power cord is damaged, contact your nearest service centre.

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 install this appliance in a location where gas may leak.

- This may result in electric shock or fire.

Do not use an electric transformer.

- This may result in electric shock or fire.

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Safety information

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.

Do not pull the power cord when unplugging the power plug.

- Unplug the power plug by holding the plug.
- Failure to do so 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.

Install your appliance on a solid, level floor that can support its weight.

- Failure to do so may result in abnormal vibrations, movement, noise, or problems with the product.

Critical usage warnings

⚠ WARNING

If the appliance is flooded, turn off the water & power supplies immediately and contact your nearest service centre.

- 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 centre.

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

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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 washing machine door lever.

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

Make sure to remove the packaging (sponge, styrofoam) attached to the bottom of the washing machine before using it.

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 open the washing machine door by force while it is operating (high-temperature washing/drying/spinning).

- Water flowing out of the washing machine may result in burns or cause the floor to be slippery. This may result in injury.
- Opening the door by force may result in damage to the product or injury.

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

- This may result in injury.

Do not touch the power plug with wet hands.

- This may result in electric shock.

Do not turn the appliance off by unplugging the power plug while an operation is in progress.

- Plugging the power plug into the wall socket again may cause a spark and result in electric shock or fire.

Do not let children or the infirm use this washing machine without proper supervision. Do not let children climb in or onto the appliance.

- This may result in electric shock, burns or injury.

Do not insert your hand or a metal object under the washing machine while it is operating.

- This may result in injury.

Do not unplug the appliance by pulling the power cord. Always grip the plug firmly and pull it straight out of the outlet.

- Damage to the power cord may cause a short-circuit, fire and/or electric shock.

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

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Safety information

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

If the water supply hose comes loose from the water tap and floods the appliance, unplug the power plug.

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

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.

If any foreign substance enters into the appliance, unplug the power plug and contact your nearest Samsung Customer Service.

- This may result in electric shock or fire.

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

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 discolouration, deformation, damage, or rust.

The front glass may be broken by a strong impact. Take care when using the washing machine.

- If the glass is broken, it may result in injury.

After a water supply failure or when reconnecting the water supply hose, open the water tap slowly.

Open the water tap slowly after a long period of non-use.

- The air pressure in the water supply hose or the water pipe may damage a product part or result in a water leak.

If a draining error occurs during an operation, check if there is a draining problem.

- If the washing machine is used when it is flooded because of a draining problem, it may result in electric shock or fire.

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Insert the laundry into the washing machine completely so that the laundry does not get caught in the door.

- If laundry gets caught in the door, it may result in damage to the laundry or the washing machine, or result in a water leak.

Turn the water supply off when the washing machine is not being used.

- Ensure that the screws on the water supply hose connector are properly tightened.

Ensure that the rubber seal and front door glass are not contaminated by a foreign substance (e.g. waste, thread, hair, etc.).

- If a foreign substance is caught in the door or the door is not completely closed, it may cause a water leak.

Open the water tap and check if the water supply hose connector is firmly tightened and that there is no water leak before using the product.

- If the screws on the water supply hose connector are loose, it may result in a water leak.

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 spray volatile material such as insecticide onto the surface of the appliance.

- As well as being harmful to humans, this may result in electric shock, fire or problems with the product.

Do not place objects that generate electromagnetic fields near the washing machine.

- This may result in injury due to a malfunction.

Water drained during a high-temperature wash or drying cycle is hot. Do not touch the water.

- This may result in burns or injury.

Do not wash, spin, or dry water-proof seats, mats, or clothing (*) unless your appliance has a special cycle for washing these items.

(*): Woollen bedding, rain covers, fishing vests, ski pants, sleeping bags, diaper covers, sweat suits, and bicycle, motor cycle and car covers, etc.

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Safety information

- Do not wash thick or hard mats even if the washing machine mark is on the care label. This may result in injury or damage to the washing machine, walls, floor, or clothing due to abnormal vibrations.
- Do not wash throw rugs or doormats with rubber backing. The rubber backing may come off and stick to inside the drum, and this may result in malfunction such as a drainage error.

Do not operate the washing machine when the detergent drawer is removed.

- This may result in electric shock or injury due to a water leak.

Do not touch the insides of the drum during or just after drying as it is hot.

- This may result in burns.

Do not insert your hand into the detergent drawer.

- This may result in injury as your hand may be caught by the detergent input device.
- The liquid detergent guide (applicable models only) is not used for powder detergent. Remove the guide when using powder detergent.

Do not place any objects (such as shoes, food waste, animals) other than laundry into the washing machine.

- This may result in damage to the washing machine, or injury and death in the case of pets due to the abnormal vibrations.

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

- This may result in electric shock or injury.

Do not wash laundry contaminated by oils, creams or lotions usually found in skincare shops or massage clinics.

- This may cause the rubber seal to become deformed and result in a water leak.

Do not leave metal objects such as safety pins, hair pins or bleach in the drum for long periods of time.

- This may cause the drum to rust.
- If rust starts appearing on the surface of the drum, apply a (neutral) cleansing agent to the surface and use a sponge to clean it. Never use a metal brush.

Do not use dry cleaning detergent directly and do not wash, rinse, or spin laundry contaminated by dry cleaning detergent.

- This may result in spontaneous combustion or ignition due to the heat from the oxidation of the oil.

Do not use water from water cooling/heating devices.

- This may result in problems with the washing machine.

Do not use natural hand-washing soap for the washing machine.

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- If it hardens and accumulates inside the washing machine, it may result in problems with the product, discolouration, rust, or bad odours.

Place socks and brassieres in a washing net and wash them with the other laundry.

Do not wash large laundry items such as bedding in the washing net.
- Failure to do so may result in injury due to abnormal vibrations.

Do not use hardened detergent.
- If it accumulates inside the washing machine, it may result in a water leak.

Make sure that the pockets of all the clothing items to be washed are empty.
- Hard, sharp objects such as coins, safety pins, nails, screws, or stones can cause extensive damage to the appliance.

Do not wash clothing with large buckles, buttons or other heavy metal objects.

Sort the laundry by color on the basis of its colorfastness and select the recommended cycle, water temperature and additional functions.
- This may result in discoloration or fabric damage.

Take care that children's fingers are not caught in the door when you close it.
- Failure to do so may result in injury.

Critical cleaning warnings

⚠ **WARNING**

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

Do not use a strong acidic cleaning agent.

Do not use benzene, thinner or alcohol to clean the appliance.
- This may result in discolouration, deformation, damage, electric shock or fire.

Before cleaning or performing maintenance, unplug the appliance from the wall socket.
- Failure to do so may result in electric shock or fire.

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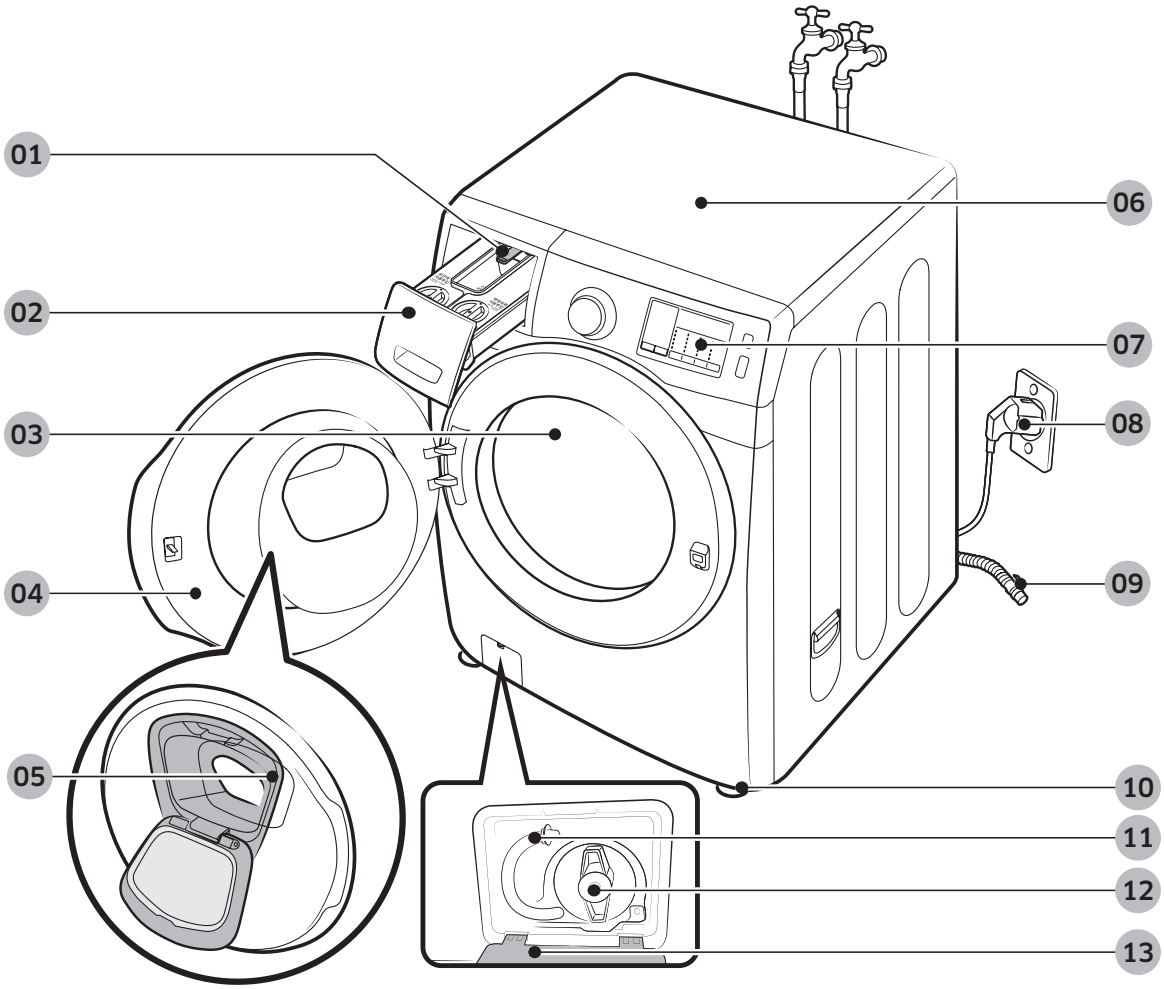
Installation

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

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 Release lever
02 Detergent drawer
03 Drum
04 Door
05 Add door
06 Worktop
07 Control panel
08 Power plug
09 Drain hose
10 Levelling feet
11 Emergency drain tube
12 Pump filter
13 Filter cover

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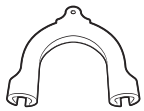
Spanner

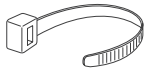
Bolt caps



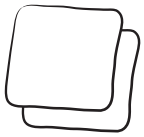
Hose guide

Cold water hose

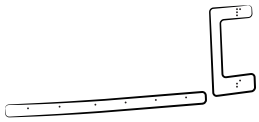
Hot water hose



Tie straps



Anti-slip pads



Braille stickers

NOTE

- Bolt caps: The provided number (3 to 6) of bolt caps depends on the model.
- Hot water hose: Applicable models only.

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Installation

Installation requirements

Electrical supply and grounding

- AC 220-240 V / 50 Hz fuse or circuit breaker is required.
- Use an individual branch circuit specific to the washing machine.

Check with a qualified electrician or service person if you are not sure about the grounding.

Do not modify the provided plug. If it does not fit the outlet, call a qualified electrician to install a proper outlet.

⚠ **WARNING**

- 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.

Water supply

A proper water pressure for this washing machine is between 50 kPa and 800 kPa. Water pressure less than 50 kPa may cause the water valve not to close completely. Or, it may take longer to fill the drum, causing the washing machine to turn off. Water taps must be within 120 cm from the rear of the washing machine so that the provided inlet hoses reach the washing machine.

To reduce the risk of leaks:

- 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 inlet hose fittings on a regular basis.

⚠ **CAUTION**

Before using the washing machine for the first time, check all connections at the water valve and taps for any leaks.

Drain

Samsung recommends a standpipe in height of 60-90 cm. The drain hose must be connected through the hose clip to the standpipe, and the standpipe must fully cover the drain hose.

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Flooring

For best performance, the washing machine must be installed on a solid floor. Wood floors may need to be reinforced to minimise vibration and/or unbalanced loads. Carpeting and soft tile surfaces are not a good resistance to vibrations and may cause the washing machine to move slightly during the spin cycle.

⚠ CAUTION

Do NOT install the washing machine on a platform or a poorly supported structure.

Water temperature

Do not install the washing machine in areas where water may freeze as the washing machine always retains some water in its water valves, pumps, and/or hoses. Frozen water left in the connection parts may cause damage to belts, the pump, and other components of the washing machine.

Alcove installation

Minimum clearance for stable operation:

Sides	25 mm
Top	25 mm
Rear	50 mm
Front	550 mm

If both the washing machine and a dryer are installed in the same location, the front of the alcove must have at least a 550 mm unobstructed air opening. Your washing machine alone does not require a specific air opening.

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Installation

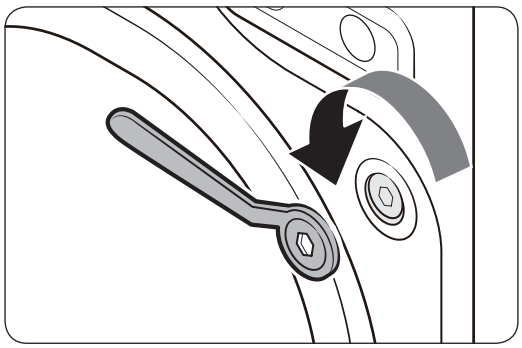
Step-by-step installation

STEP 1 Select a location

Location requirements:

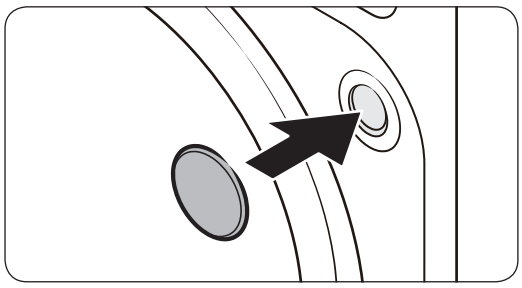
- Solid, level surface without carpeting or flooring that may obstruct ventilation
- Away from direct sunlight
- Adequate room for ventilation and wiring
- The ambient temperature is always higher than the freezing point (0 °C)
- Away from a heat source

STEP 2 Remove the shipping bolts



Unpack the product package and remove all shipping bolts.

1. Loosen all shipping bolts on the rear of the machine using the supplied spanner.



2. Fill the holes with the supplied plastic bolt caps.
   Keep the shipping bolts for future use.

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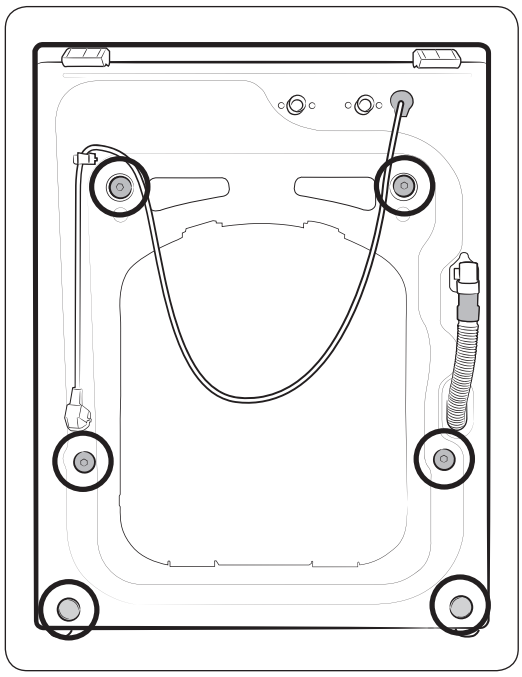

3. Close all plastic bolt caps on the rear of the washing machine.

⚠ **WARNING**

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

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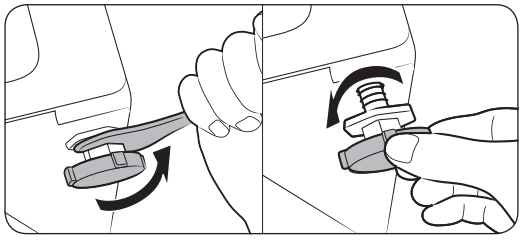
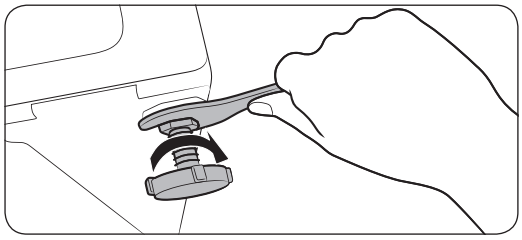
Installation

STEP 3 Adjust the levelling feet

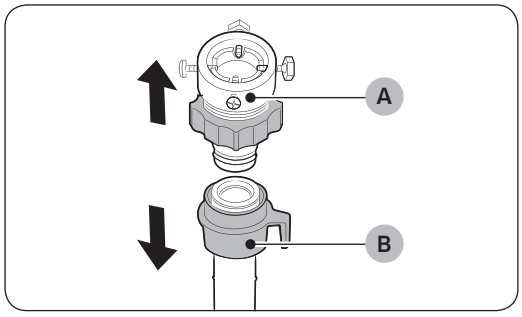


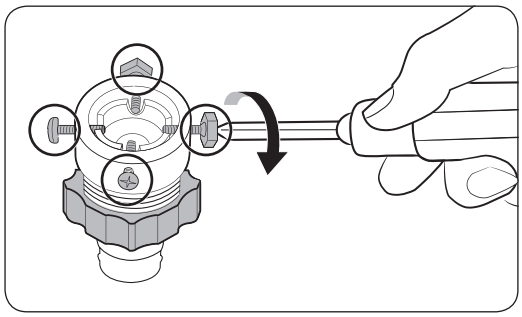


1. Gently slide the washing machine into position. Excessive force may damage the levelling feet.
2. Level the washing machine by manually adjusting the levelling feet.
3. When levelling is complete, tighten the nuts using the spanner.

STEP 4 Connect the water hose

The provided hose adaptor may differ with the model. This step guides you through connecting the connector-type adaptor. If you are provided with the screw-type adaptor, go to 7.





Connect the water hose to the water tap.

1. Remove the adaptor (A) from the water hose (B).
2. Use a Phillips screwdriver to loosen four screws on the adaptor.

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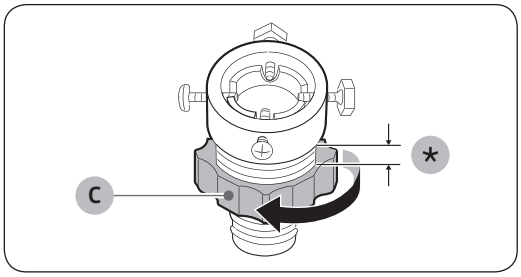
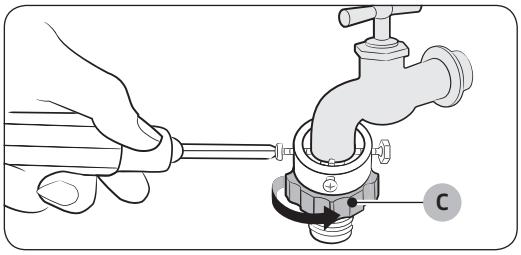
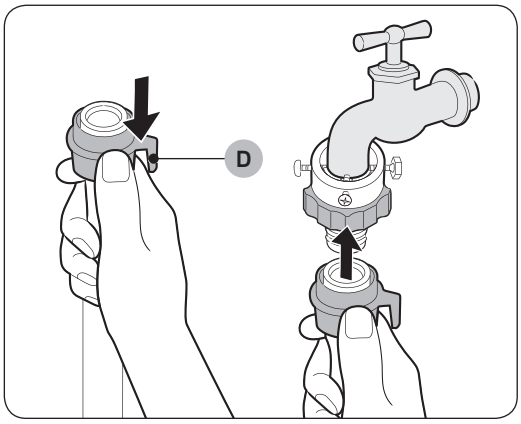


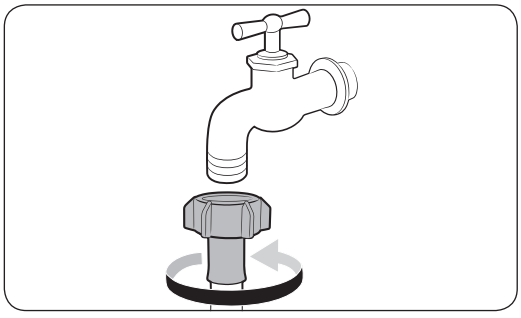
3. Hold the adaptor and turn **part (C)** in the arrow direction to loosen it by 5 mm (*).



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



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



7. If you are using a screw type of water tap, use the provided screw-type adaptor to connect to the water tap as shown.

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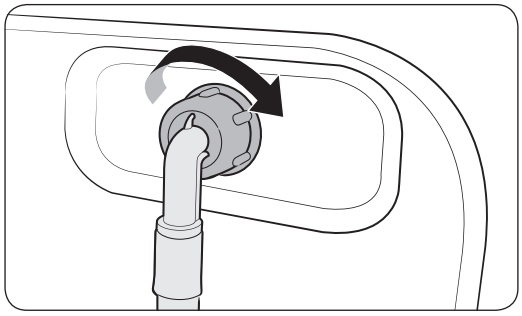
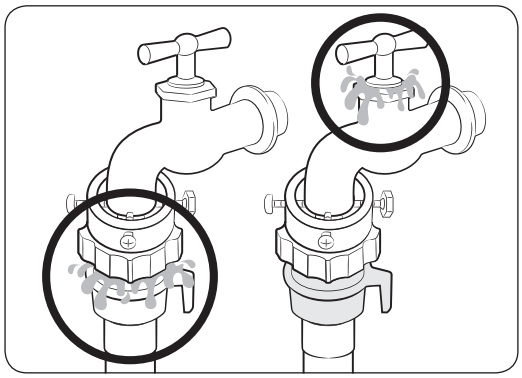
Installation





8. 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.

9. 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. Otherwise, this may cause electric shock.

⚠ CAUTION

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

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.

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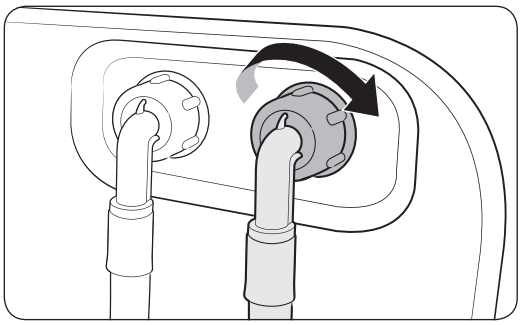
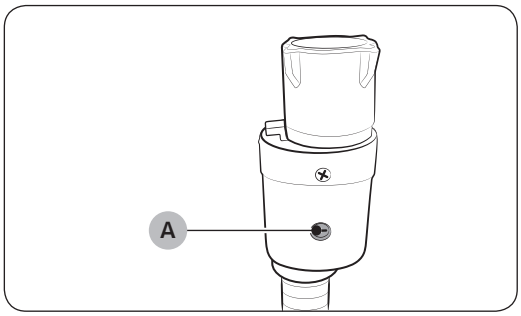
For models with an additional hot water inlet:



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.

Aqua stop hose (applicable models only)



The aqua stop hose alerts users of a risk of water leaks. It senses the water flow and turns red on the centre **indicator (A)** in case of a leak.

NOTE

The end of the aqua stop hose must be fitted to the water tap and not the machine.

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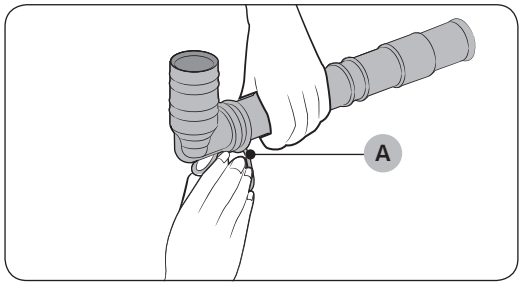
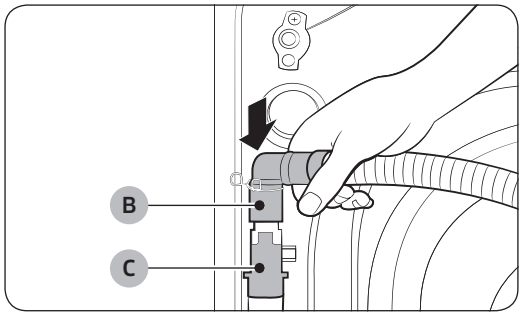
Installation

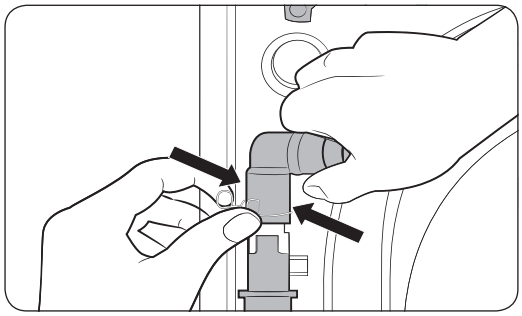
STEP 5 Connect the drain hose



1. Press the catches of the **clamp (A)** and put the clamp around the drain hose.



2. While pressing the catches of the clamp, connect the **drain hose (B)** to the **extension hose (C)**. Then, release the catches to secure the **drain hose (B)**.



3. Fully insert the end of the drain hose into the drain hole.

NOTE

Depending on the model, the drain outlet of the washing machine may be on the left or right.

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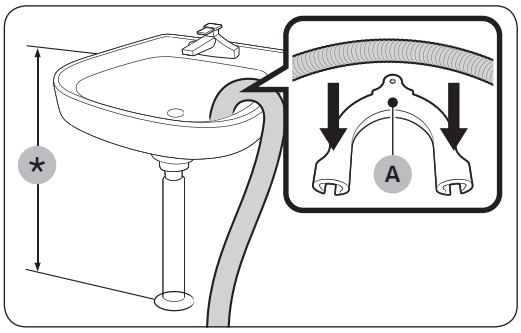
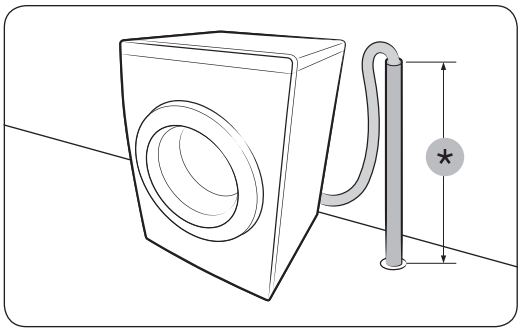
STEP 6 Position the drain hose

The drain hose can be positioned in following ways:



Over the edge of a wash basin

The drain hose must be placed at a height of between 60 cm and 90 cm (*) from the floor. To keep the spout of the drain hose bent, use the supplied **plastic hose guide (A)**. Secure the guide to the wall using a hook to ensure stable drainage.



In a drain pipe

The drain pipe should be between 60 cm and 90 cm high (*). It is advisable to use a 65 cm high vertical pipe. Make sure the drain hose is connected to the stand pipe at a slant.

Drain standpipe requirements:

- Minimum diameter of 5 cm
- Minimum carry-away capacity of 60 litres per minute

STEP 7 Power on

Plug the power cord into a wall socket featuring an AC 220-240 V / 50 Hz approved electrical outlet protected by a fuse or circuit breaker. Then, press **POWER** to turn on the washing machine.

Environment

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

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Before you start

Initial settings

Run Calibration (recommended)

Calibration ensures accurate weight detection by the washing machine. Make sure the drum is empty before running Calibration.

1. Power off, and then power on the washing machine.
2. Press and hold **Temp.** and **Delay End** simultaneously for 3 seconds to enter Calibration mode. The "**Cb**" message appears.
3. Press and hold **START/PAUSE** to run the Calibration cycle. The drum will rotate clockwise and counter-clockwise for about 3 minutes.
4. When the cycle is complete, "**End/En**" appears on the display and the washing machine will turn off automatically. The washing machine is now ready for use.

Laundry guidelines

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 drum improves the washing performance.
- Sensitivity: Separate delicate items such as pure, new woollen items, curtains, and silk items. Check the labels on the items.

NOTE

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

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STEP 2 Empty pockets

Empty all the pockets of your laundry items

- Metal objects such as coins, pins, and buckles on clothing may damage other laundry items as well as the drum.

Turn clothing with buttons and embroideries inside out

- If trousers or jacket zippers are open while washing, the drum 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 starting the wash.

STEP 3 Use a laundry net

- Brassieres (machine washable) must be placed in a laundry net. Metal parts of the brassieres may break through and tear other laundry items.
- Small, light clothing such as socks, gloves, stockings, and handkerchiefs may become caught around the door. Place them inside a fine laundry net.
- 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.

STEP 4 Determine the load capacity

Do not overload the washing machine. Overloading may cause the washing machine to not wash properly. For the load capacity for the type of clothing, see page 35.

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 maximum spin cycle speed is Low, and the load capacity is 2.0 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.

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Before you start

STEP 5 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. Make sure to use the laundry detergent that is designed for automatic washing machines.

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 cycle, blocking the drain outlet.

⚠ CAUTION

When washing wool using the WOOL cycle, use a detergent dedicated to wool items. If used with the WOOL cycle, powder detergent may remain on the laundry and discolour the laundry.

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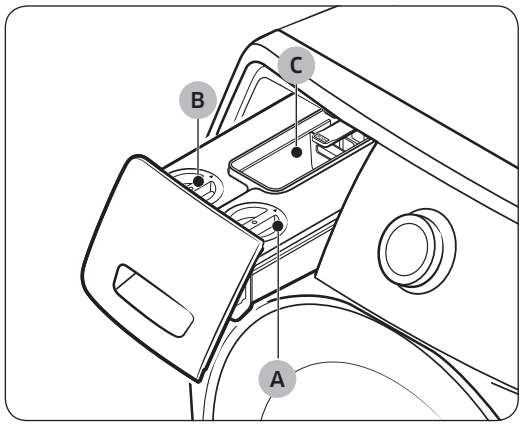
Detergent drawer guidelines

The automatic dispenser models provide a three-compartment dispenser: two compartments for auto dispensing and another part for manual input. With Auto Detergent and Auto Softener enabled, the washing machine dispenses an adequate amount of detergent or fabric softener for each load. See below for details:

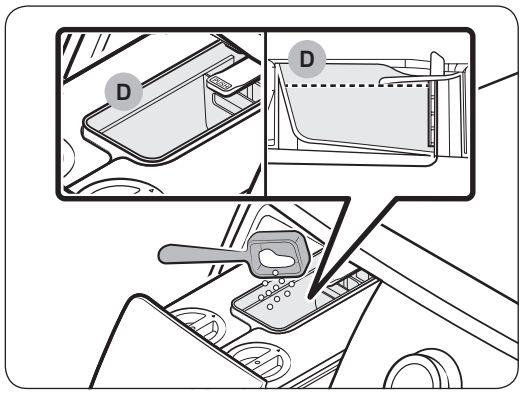


A. Auto Detergent: Use liquid detergent only.

B. Auto Softener: Use fabric softener only.

C. Manual Detergent: If necessary, add detergent manually as instructed by the detergent manufacturer.

- To use the manual dispenser, make sure the auto dispenser is turned off. Keep pressing **Dose per Wash** until the Auto dispense indicators are off.
- To use a powdered detergent, do not exceed the max line **(D)**.



⚠ CAUTION

Do not apply excessive detergent. This may affect the washing results adversely.

⚠ CAUTION

- Do not open the detergent drawer while the washing machine is operating. Otherwise, the input detergent may not apply normally.
- Do not use the following types of detergent in the drawer:
  - Tablet or capsule types
  - Ball or net types
- To prevent the compartment from clogging, concentrated or highly-enriched agents (fabric softener or detergent) must be diluted with water before being applied.

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Before you start

- Do not carry any removed compartment. Put the compartment back in place. Otherwise, the compartment may shake and cause the content to spill out.
- Before moving the washing machine, make sure to empty the detergent drawer that might contain detergent and/or fabric softener. The content in the drawer may spill out on the floor.

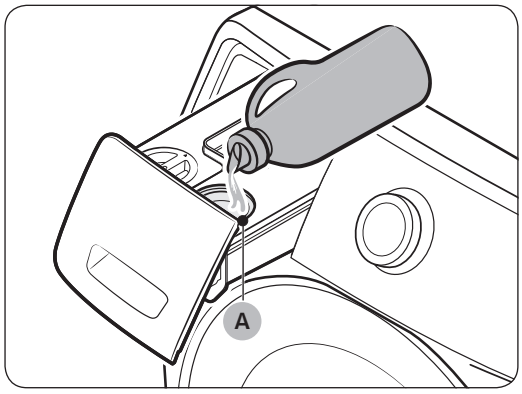
To apply washing agents to the auto dispenser

If the ⟲ indicator on the auto dispenser section stays lit, refill the corresponding compartment.

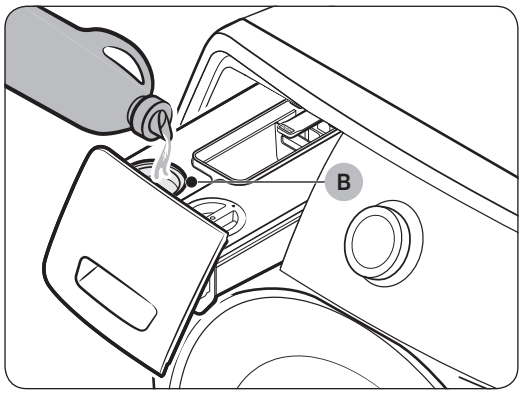
NOTE

- After refilling the auto dispenser, the indicator stays on until the washing machine detects the amount of the detergent or softener.

To refill the detergent or fabric softener



1. Slide open the detergent drawer.
2. Apply an appropriate amount of detergent to the **Auto Detergent compartment (A)**.



3. If necessary, apply an appropriate amount of fabric softener to the **Auto Softener compartment (B)**.
4. Slide the detergent drawer inward.

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⚠ **CAUTION**

- Do not apply detergent to the drawer without the detergent and softener compartment. If you do, clean the drawer and then reinsert both compartments. For more information on cleaning, see page 53.
- Use only liquid detergent and fabric softener with the auto dispenser.
- Make sure both compartments are inserted completely. If they are not, the washing machine may not start operating or fail to dispense washing agents.
- When changing to a different detergent, make sure to clean the detergent compartment first.
- Do not mix detergent with fabric softener in either compartment.
- To prevent detergent from hardening, do not open the lid once the detergent has been applied to the compartment.
- Do not use any bleach that may cause corrosion and/or generate gas.
- Do not turn any compartment upside down. The content may spill.
- Do not press the outlet at the rear of either compartment while moving it. The content may leak.
- Use caution when inputting detergent or fabric softener in the applicable compartment. The content may spill.
- When removing the detergent drawer to check the remaining content (upon an error message or before the message appears), the drawer may have content remaining or leaking from the bottom of the drawer.
- Make sure both the auto and manual dispensers are empty before moving the washing machine.
- The input or refill level of the detergent or softener depends on the type or the remaining amount of agents.
- If the ⟲ indicator on the auto dispenser section lights up, immediately refill the corresponding compartment. A later refill may cause the input level of the agent to decrease.

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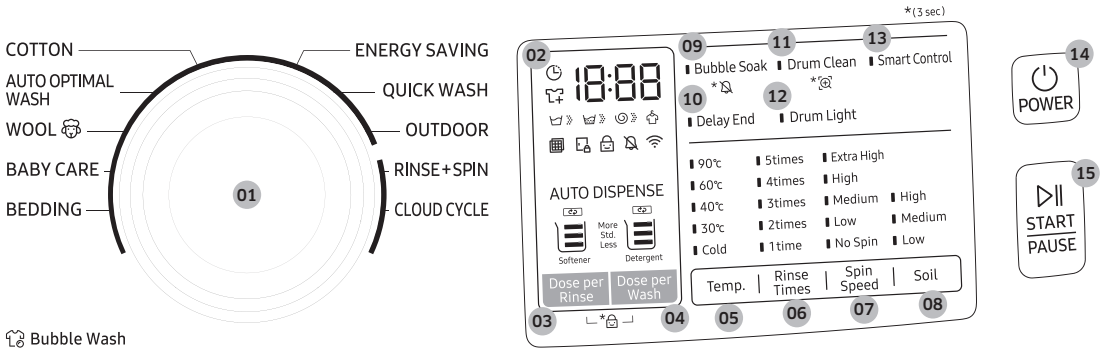
Operations

Control panel

The actual design of the control panel may differ with the model.



01 Cycle Selector	Turn the dial to select a cycle.
02 Display	The display shows current cycle information and estimated time remaining, or an information code when a problem occurs. For buttons and icons, refer to the corresponding page.
03 Dose per Rinse	Press to select the amount of fabric softener to be dispensed automatically.
04 Dose per Wash	Press to select the amount of detergent to be dispensed automatically.
05 Temp.	Press to change the water temperature for the current cycle.
06 Rinse Times	Press to change the rinse count for the current cycle. • Rinse only: Press and hold **Rinse Times** for 3 seconds.
07 Spin Speed	Press to change the spinning speed for the current cycle. • Spin Only: Press and hold **Spin Speed** for 3 seconds.
08 Soil	Press the button to select the soil level/washing time. • **High**: For heavily soiled loads. • **Medium**: For moderately soiled loads. This setting is best for most loads. • **Low**: For lightly soiled loads.

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09 Bubble Soak	Press to add a Bubble Soak option that helps remove a variety of stubborn stains. • With Bubble Soak selected, laundry is thoroughly soaked in water bubbles for effective washing. • Bubble Soak adds up to 30 minutes to the selected cycle. • Availability of this option depends on the cycle.
10 Delay End	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. • Press to choose a preset unit of hours.
11 Drum Clean	Press to use the Drum Clean function.
12 Drum Light	Press to turn on/off the drum light. The drum light turns off automatically after 2 minutes.
13 Smart Control	Press to activate/deactivate the Smart Control function. When the Smart Control function is activated, you can control your washing machine using your mobile device. For more information, see the SmartThings section on page 42.
14 POWER	Press to turn on/off the washing machine.
15 START/PAUSE	Press to start or stop operation.

Attaching the braille stickers

For the blind and vision impaired, there are two braille stickers for the POWER and START/PAUSE button and for locating the cycle options buttons. Attach them on the control panel.

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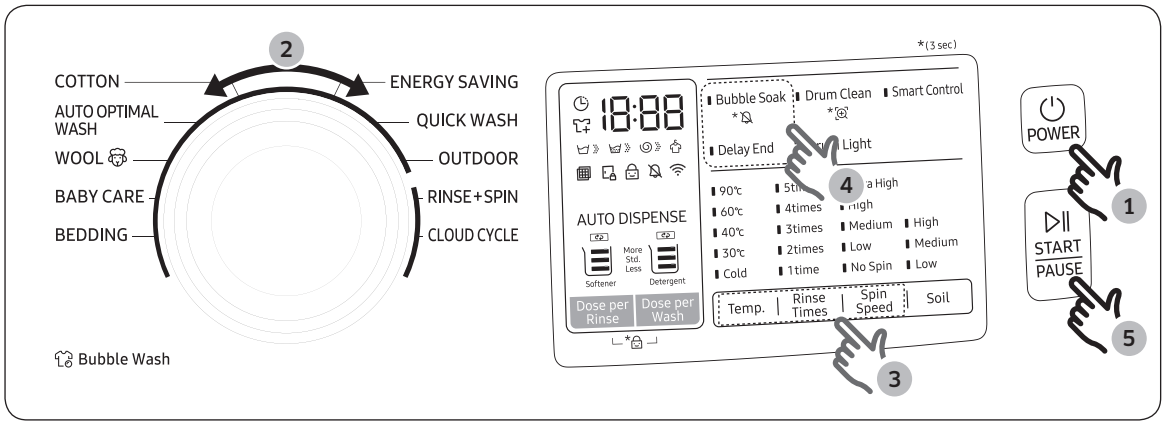
Operations

Simple steps to start

Standard steps



1. Press **POWER** to turn on the washing machine.
2. Turn the **Cycle Selector** to select a cycle.
3. Change the cycle settings (**Temp.**, **Rinse Times**, and **Spin Speed**) as necessary.
4. The machine supports the option of **Delay End** and **Bubble Soak** for easy access. To use an option item, press the corresponding button.
5. Press **START/PAUSE**.

To change the cycle during operation

1. Press **START/PAUSE** to stop operation.
2. Select a different cycle.
3. Press **START/PAUSE** again to start the new cycle.

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Cycle overview

Cycle	Description & Max load (kg)	
COTTON	• For cottons, bed linens, table linens, underwear, towels, or shirts. The washing time and the rinse count are automatically adjusted according to the load.	Max
AUTO OPTIMAL WASH	• Adjusts the amount of detergent and the cycle according to the load and the soil severity. This cycle is best used with the Auto Dispense function.	9
WOOL	• Specific for machine-washable wool for loads less than 2.0 kg. • The WOOL cycle features fine pulsating and soaking to protect the wool fibres from shrinkage/ distortion. • A neutral detergent is recommended.	2
BABY CARE	• Featuring a high-temperature wash and extra rinses to help remove the remaining detergent effectively.	9
BEDDING	• For bed spreads, bed sheets, bedding covers, etc. • For best results, wash only 1 type of bedding and make sure the load weighs less than 2.0 kg.	4
ENERGY SAVING	• Optimal performance with lower energy for cotton fabrics, bed linens, table linens, underwear, towels, or shirts. • The washing operation starts at the end of the main wash hot fill operation. • For “ENERGY SAVING, Temp. 40 °C, Rinse 3 times, Spin Extra High” is recommended for a normally soiled cotton load.	-
QUICK WASH	• For less soiled laundry with less than a 5.0 kg load. • It takes at least 19 minutes, depending on the conditions such as the water pressure, water hardness, and/or extra options selected. • A recommended amount of detergent is less than 20 g (for a 5.0 kg load).	5
OUTDOOR	•	

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Operations

Cycle	Description & Max load (kg)	
RINSE+SPIN	• Featuring an additional rinse process after applying fabric softener to the laundry.	-
CLOUD CYCLE	• Select to choose from more cycles available on the SmartThings app on your smartphone.	-

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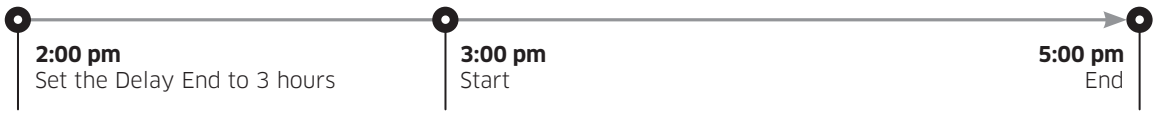
Delay End

You can set the washing machine to finish your wash automatically at a later time, choosing a delay of between 1 to 24 hours (in 1 hour increments). The hour displayed indicates the time the wash will finish.

1. Select a cycle with necessary settings.
2. Press **Delay End** repeatedly until a desired end time is set.
3. Press **START/PAUSE**. The Delay End indicator blinks and the washing machine tumbles the drum to sense the weight of the load if load sensing is preset for the selected cycle. When complete, it displays your set time with the timer running.
4. To cancel the Delay End, restart the washing machine by pressing **POWER**.

Real-life case

You want to finish a two-hour cycle 3 hours later from now. For this, you add the Delay End option to the current cycle with the 3-hour setting, and then press **START/PAUSE** at 2:00 p.m. Then, what happens? The washing machine starts operating at 3:00 p.m., and ends at 5:00 p.m. Provided below is the time line for this example.



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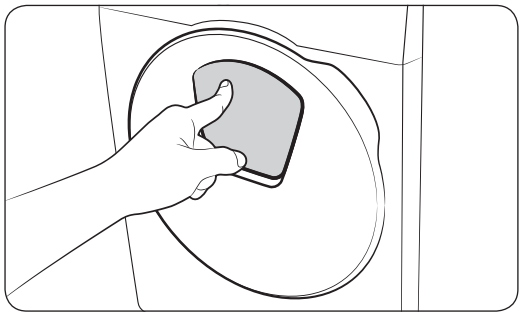
Operations

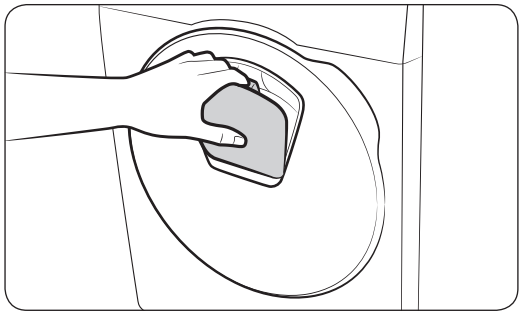
Special features

AddWash

When the AddWash indicator is 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.



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.



3. Open the Add Door and put additional laundry or softener into the drum.
4. Push the Add Door until you hear a clicking sound to close.
5. Press **START/PAUSE** to resume operation.

⚠ CAUTION

Do not put excessive force on the Add Door. It may break.

NOTE

The water inside the drum will not leak if the Add Door is closed properly. Water drops may form around the door, but they will not leak from inside the drum.

⚠ CAUTION

- Do not open the Add Door if suds have formed inside the drum that rise above the level of the Add Door.
- Do not attempt to open the Add Door while the machine is operating without first pressing **START/PAUSE**. Please note that the Add Door can be opened unintentionally (without pressing **START/PAUSE**) when the wash is complete.
- Do not add an excessive load through the Add Door. Performance may be degraded.
- Do not use the lower area of the Add Door as a handle. Your fingers may be caught.
- Make sure that no laundry is caught in the Add Door.
- Keep your pets out of the washing machine, especially the Add Door.

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- When using hot water for the wash, the Add Door may appear to leak water after opening and closing the Add Door. This is normal, simply because steam emerging from the open Add Door has cooled and formed water drops on the surface.
- When the Add Door closes, the door seals up and no water can leak. However, you may encounter what appears to be water leak around the door - some residual water remaining around the Add Door may form water drops. This is normal.
- Neither the main door or the Add Door can be opened when the water temperature is over 50 °C. If the water level inside the drum is over a certain point, the main door cannot be opened.
- If an information code of '**DDC**' appears on the display, see the **Information codes** section for further actions.
- Keep the Add door and its surroundings clean at all times. Debris or detergent on or around the seals of the Add door may cause a leak.

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Operations

Settings

Child Lock

To prevent children or infants from accidentally starting or setting the washing machine, Child Lock locks all buttons except for the **POWER** button.

To activate Child Lock

- Press and hold **Dose per Wash** and **Dose per Rinse** simultaneously for 3 seconds. Then, press **START/PAUSE** to activate. The door locks and the Child Lock indicator turns on.

To deactivate Child Lock temporarily

You can deactivate Child Lock temporarily for 1 minute. The door is unlocked for 1 minute and the Child Lock indicator blinks.

- Press and hold **Dose per Wash** and **Dose per Rinse** simultaneously for 3 seconds.

NOTE

- If you open the door 1 minute or more after deactivating Child Lock, an alarm sounds for up to 2 minutes.
- If you close the door within 2 minutes, the door locks and Child Lock is reactivated. If you do not close the door or the door is not properly closed, the alarm keeps sounding for 2 minutes.
- To add laundry after activating Child Lock, first deactivate Child Lock or restart the washing machine.

To cancel Child Lock

- Press and hold **Dose per Wash** and **Dose per Rinse** simultaneously for 3 seconds to deactivate, and then press and hold the buttons again for 3 seconds to cancel Child Lock. The door unlocks and the Child Lock indicator turns off.

Sound On/Off

You can turn on or off the sound from the washing machine. When this function is set to Off, the AddWash alarm, the melody of cycle completion, and the power-off beep will not sound. However, the other sounds stay active.

- To mute the sound, press and hold **Bubble Soak** for 3 seconds.
- To unmute the sound, press and hold again for 3 seconds.
- Your setting will be kept even after restarting the machine.

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Auto dispense

Detergent

1. To select an input level, press **Dose per Wash** to cycle through the settings: Less > Standard > More.
   - If you choose More, the rinse process will be added once more.
2. To select a water hardness level, press and hold **Dose per Wash** to cycle through the settings: 1 (soft water) > 2 (medium water) > 3 (hard water).
3. When complete, press and hold **Dose per Wash** for 3 seconds to confirm your changes.

Fabric softener

1. To select an input level, press **Dose per Rinse** to cycle through the settings: Less > Standard > More.
2. To select a concentration level, press and hold **Dose per Rinse** to cycle through the settings: 1 (Normal) > 2 (x2) > 3 (x3).
3. When complete, press and hold **Dose per Rinse** for 3 seconds to confirm your changes.

NOTE

- If the ⟲ indicator of the Detergent or Softener stays on, refill the corresponding compartment.
- If you select WOOL, the Dose per Wash/Dose per Rinse will be disabled automatically. However, you can enable the function(s) manually after selecting a cycle.

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Operations

SmartThings

Wi-Fi connection

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

NOTE

- This device is designed for household use only (Class B), and can be used in all residential areas.
- This device may cause wireless interference, and neither the manufacturer or the installer of this device can provide a safety measure of any kind.
- Recommended encryption methods are WPA/TKIP and WPA2/AES. Newly developed Wi-Fi protocols or unapproved Wi-Fi protocols are not supported.
- The reception sensitivity of a wireless network may be affected by surrounding wireless environments.
- If your Internet provider has registered the MAC address of your PC or the modem module for permanent use, your Samsung washing machine fails to connect to the Internet. If this is the case, contact your Internet provider.
- The Internet firewall may interrupt your Internet connection. If this happens, contact your Internet provider.
- If Internet failure continues after following the measurement of your Internet provider, contact a local Samsung retailer or service centre.
- For installing wired and wireless routers, refer to the user manual of the router you use.
- Samsung washing machine supports the Wi-Fi 2.4 GHz protocols.
- Samsung washing machine supports the IEEE802.11 b/g/n (2.4 GHz), Soft-AP protocols. (IEEE802.11n is recommended)
- An unapproved wired/wireless router may fail to connect to Samsung washing machine.

Download

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

NOTE

- The SmartThings app is available on third-party devices with Android OS 6.0 (Marshmallow) or higher, Samsung devices with Android OS 5.0 (Lollipop) or higher, and iOS devices with iOS 10.0 or higher (For iPhones, it must be iPhone 6 or higher). The app is optimised for Samsung smartphones (Galaxy S and Note series).
- Some functions of the app may operate differently on third-party devices.

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

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 don't need a separate app to create your account.

NOTE

If you have a Samsung account, use the account to log in. A registered Samsung smartphone user automatically logs in.

To register your device to SmartThings

1. Make sure your smartphone is connected to a wireless network. If not, go to the **Settings** and turn on the wireless connection and select an AP (Access Point).
2. Select to run **SmartThings** on your smartphone.
3. When a message of "A new device is found.", select **Add**.
4. If no message appears, select + and select your washing machine in a list of devices available. If your washing machine is not listed, select **Device Type** > **Specific Device Model**, and then add your washing machine manually.
5. Register your washing machine to the SmartThings app as follows.
   a. Log into SmartThings with your Samsung account.
   b. Turn a Wi-Fi connection on.
   c. Add your washing machine to SmartThings. Make sure your washing machine is connected to SmartThings.
   d. When registration is complete, your washing machine appears on your smartphone.

Washing Machine app

Integrated control: You can monitor and control your washing machine both at home and on the go.

- Select the Washing Machine icon on SmartThings. The Washing Machine page appears.
- Check the operation status or notifications related to your washing machine, and change options or settings if necessary.

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Operations

SmartThings

Category	Checkpoint	Description
Monitoring	Washing status	You can check the current cycle and its options, and the remaining cycle time.
	Smart Control	The Smart Control status is shown for the washing machine.
	Self Check	Use this to check if the washing machine operates normally.
	Energy monitoring	Use this to monitor the energy consumption status.
Control	Start/Pause/Cancel	Select a cycle and necessary options, and then select Start/Pause/Cancel to start an operation, to stop temporarily, or to cancel the current operation.
	My Favorite	Add frequently used cycles and options to My Favorite for later use.
Notification	Cycle completed	Notifies you the current cycle is complete.
	AddWash alarm (applicable models only)	Notifies you of the addition of a new load.
	Remaining laundry (applicable models only)	Notifies you of any laundry left after a cycle is complete.

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Category	Checkpoint	Description
Q-Rator	Laundry Recipe *	Select the fabric type, colour, and soil level of your wash load and get recommendations for the most suitable wash programmes.
	Laundry Planner *	Set the finish time for your wash cycle to suit your busy schedule.
	HomeCare Wizard *	Get advice to help you maintain your washing machine to keep it in a perfect condition. Check your most used cycles, energy consumption ** and get notified when it is time to clean the pump filter and run the Drum Clean cycle.
	* Requires the 'SmartThings' app, available on Android and iOS. Registration required. ** Indicative results only.	

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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 sending an email to mailto:oss.request@samsung.com.

It is also possible to obtain the complete corresponding source code in a physical medium such as a CD-ROM; a minimal charge will be required.

The following URL http://opensource.samsung.com/opensource/SMART_AT_051/seq/0 leads to the download page of the source code made available and open source license information as related to this product. This offer is valid to anyone in receipt of this information.

NOTE

Hereby, Samsung Electronics, declares that the radio equipment type appliance is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: The official Declaration of conformity may be found at http://www.samsung.com, go to Support > Search Product Support and enter the model name.

Wi-Fi max transmitter power : 20 dBm at 2.412 GHz – 2.472 GHz

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Maintenance

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

Drum Clean

Perform this cycle regularly to clean the drum by removing bacteria from it. This cycle heats the water between 60 °C and 70 °C, and it also removes accumulated dirt from the rubber door gasket.

1. Press **POWER** to turn on the washing machine.
2. Press **Drum Clean**.
3. Press **START/PAUSE**.

⚠ **CAUTION**

Do not put in any items or cleaning agents when running the Drum Clean cycle.

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 washes. From the 7th wash, the reminder no longer appears. However, it appears again on the second 40th wash.

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Maintenance

Smart Check

To enable this function, you must first download the Samsung Smart Washer app at the Play Store or the App 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. When the washing machine detects an issue to check, an information code appears on the display. To enter Smart Check mode, press and hold **Drum Clean** for 3 seconds.
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 smartphone camera 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 the washing machine reflects light on the 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.

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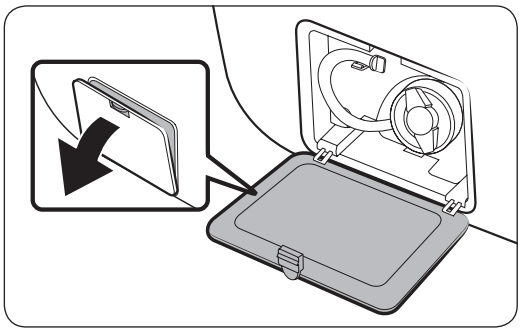
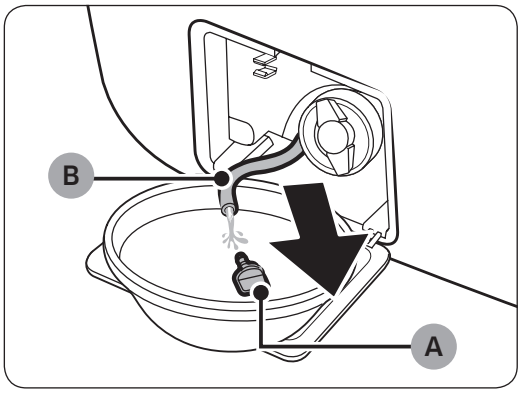
Emergency drain

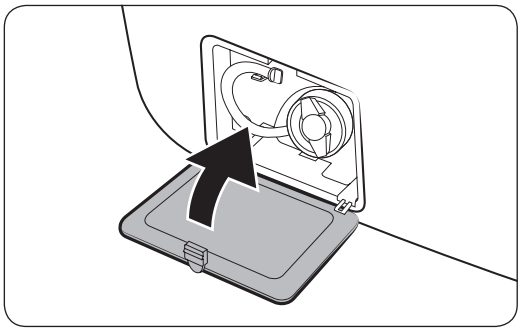
In case of a power failure, drain the water inside the drum before taking out the laundry.



1. Power off and unplug the washing machine from the electrical outlet.
2. Gently press the top area of the filter cover to open.



3. Put an empty, spacious container around the cover, and stretch the emergency drain tube to the container while holding the **tube cap (A)**.
4. Open the tube cap and let water in the **emergency drain tube (B)** flow into the container.



5. When done, close the tube cap, and reinsert the tube. Then, close the filter cover.

NOTE

Use a spacious container because the water in the drum may be more than expected.

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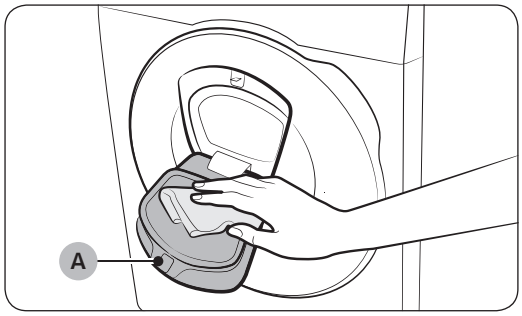
Maintenance

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



1. Open the Add Door.
2. Use a wet cloth to clean the Add Door.
   - Do not use cleaning agents. Discolouration may occur.
   - Use caution when cleaning the rubber packing and the **locking mechanism (A)**.
   - Dust off the door area regularly.
3. Wipe up and close the Add Door until you hear a clicking sound.

⚠ CAUTION

- Do not apply force on the Add Door. It may break.
- Do not leave the Add Door open while the machine is operating.
- Do not put heavy objects on the Add Door at any time.
- To prevent physical injury, do not touch the Add Door while the drum is rotating.
- Do not open the Add Door while the machine is operating. This may cause physical injury.
- Do not manipulate the control panel while the Add Door is open. This may cause physical injury or system failure.
- Do not input objects other than laundry.
- Do not input bulky items to the drum through the Add Door.
- Do not pull out the rubber packing of the Add Door when cleaning. This may cause damage.

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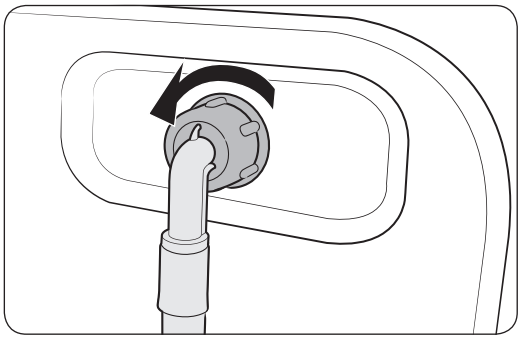
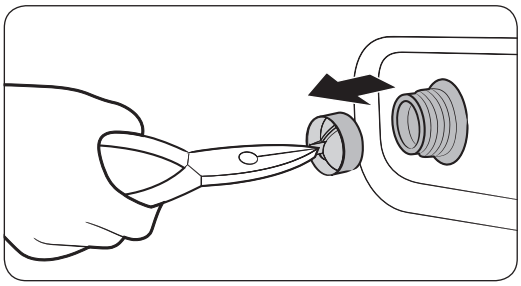
Mesh filter

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





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.
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.

NOTE

If the mesh filter is clogged, an information code of "**4C**" appears on the screen.

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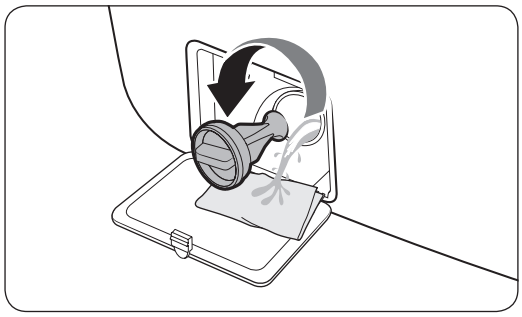
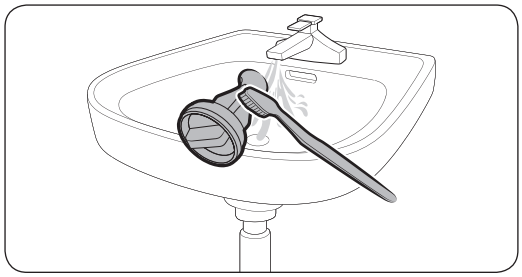
Maintenance

Pump filter

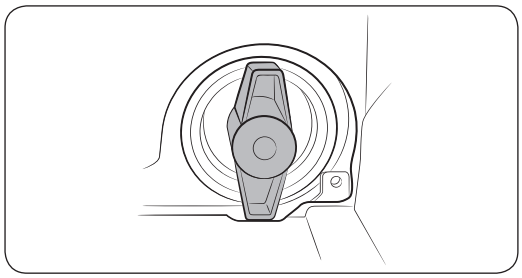
It is advisable to clean the pump filter 5 or 6 times a year to prevent its clogging. A clogged pump filter may reduce the bubble effect.



1. Turn off the washing machine, and unplug the power cord.
2. Drain the remaining water inside the drum. See the **Emergency drain** section.
3. Turn the pump filter knob to the left, and drain off the remaining water.



4. Clean the pump filter using soft brushes. Make sure the drain pump propeller inside the filter is unclogged.
5. 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.

NOTE

If the pump filter is clogged, an information code of "**5C**" appears on the screen.

⚠ CAUTION

- Make sure the filter knob is closed properly after cleaning the filter. Otherwise, this may cause a leak.
- Make sure the filter is inserted properly after cleaning it. Otherwise, this may cause an operational failure or a leak.

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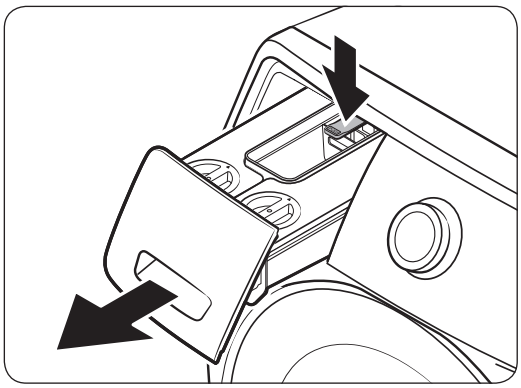
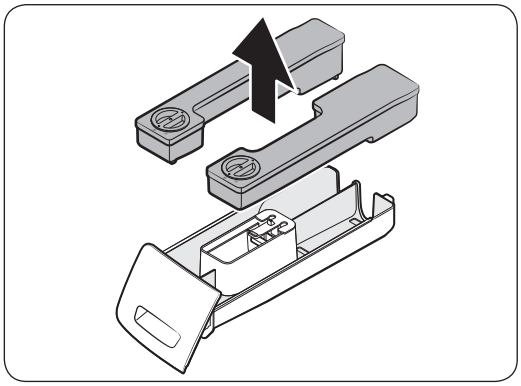
Detergent drawer



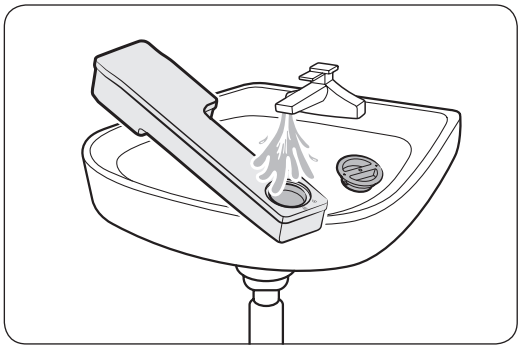
1. While holding down the release lever on the inner of the drawer, slide open the drawer.



2. Remove both the detergent compartment and the softener compartment as shown.

⚠ CAUTION

Use caution when removing the drawer. Remaining washing agents may spill out.



3. Open the lids of both compartments, and then put water in them and shake.

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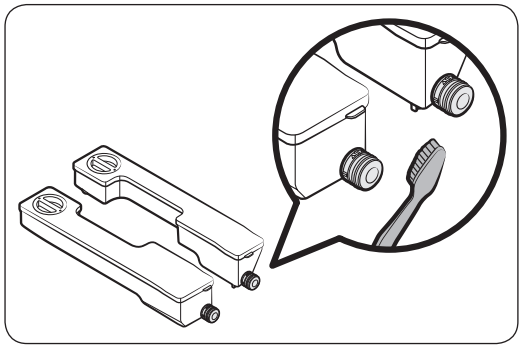
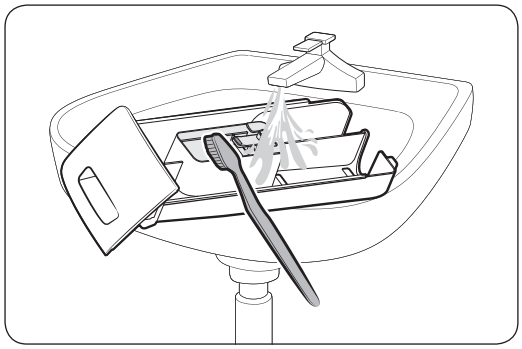
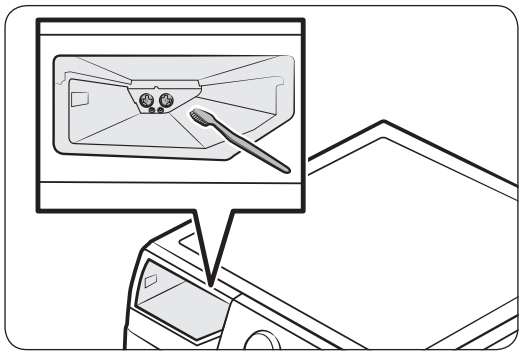
Maintenance



4. Clean the cap valves of both compartments with a soft brush.



5. Clean the drawer components in flowing water using a soft brush.



6. Clean the drawer recess using a soft brush. Make sure to clean the cap valves to prevent clogging.
7. Assemble the compartment cover firmly with the detergent drawer.
8. Slide the drawer inward to close it.

NOTE

To remove remaining detergent, perform the **QUICK WASH** cycle with an empty drum.

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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.

NOTE

If the washing machine still doesn't operate normally, repeat the above steps until it operates normally.

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 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.

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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.	• Make sure the washing machine is plugged in. • Make sure the door is properly closed. • Make sure the water taps are open. • Press **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.	• 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.	• 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.	• 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. • 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.

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Problem	Action
Does not drain and/ or spin.	• 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 **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.	• Press **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.	• 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.	• Make sure the remaining amount of detergent and fabric softener is not over the limit.

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Troubleshooting

Problem	Action
Stops.	• Plug the power cord into a live electrical outlet. • Check the fuse or reset the circuit breaker. • Close the door and press **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 is 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.	• 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. • 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.	• 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.

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Problem	Action
Leaks water.	• 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.	• Excessive suds collect in recesses and can cause foul odours. • Run cleansing cycles to sanitise periodically. • Clean the door seal (diaphragm). • Dry the washing machine interior after a cycle has finished.
No bubbles are seen (Bubbleshot models only).	• Overloading may screen bubbles. • Severely contaminated laundry may not generate bubbles.
Can I open the Add Door at any time?	• 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
The auto dispenser indicators blink. (applicable models only)	• Check if the detergent drawer is closed properly. - Open the detergent drawer and close it again. Make sure it's closed properly. • This may happen if liquid detergent has hardened inside the detergent compartment. - Clean and unclog the detergent compartment.

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

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Troubleshooting

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.

Code	Action
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. • All buttons will be disabled for 3 minutes after the information code appears.
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.
dC	Operating the washing machine with the door open. • Make sure the door is properly closed. • Make sure laundry is not caught in the door.
OC	Water has overflowed. • Restart after spinning. • If the information code remains on the display, contact a local Samsung service centre.

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Code	Action
LC, LC1	Check the drain hose. • Make sure the end of the drain hose is not placed on the floor. • Make sure the drain hose is not clogged. • If the information code remains, contact a customer service centre.
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.
3C	Check the drum motor for operation. • Try restarting the cycle. • If the information code remains, contact a customer service centre.
3CP	Check the pulsator motor for operation. • Try restarting the cycle. • If the information code remains, contact a customer service centre.
UC	The electronic control needs to be checked. • Check if power is supplied properly. • If the information code remains, contact a customer service centre.
	Low voltage detected. • Check if the power cord is plugged in. • 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.
1C	The Water Level sensor is not working properly. • Turn the machine off, and restart the cycle. • If the information code remains, contact a customer service centre.

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Troubleshooting

Code	Action
AC	Check communications between main and sub PBAs. • Turn the machine off, and restart the cycle. • If the information code remains, contact a customer service centre.
DDC, ddC	This message appears when you open the Add Door without pressing **START/PAUSE**. If this happens, do one of the following: • Press the Add Door to close properly. Press the Add Door to close properly. Then, press **START/PAUSE** and try again. • To add laundry, open the Add Door and input laundry. Close the Add Door properly. Then, press **START/PAUSE** to resume operation.
8C	The MEMS sensor is not working properly. • Turn the machine off, and restart the cycle. • If the information code remains, contact a local Samsung service centre.
AC6	Check communications between the main and the inverter PBAs. • 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 local Samsung service centre.
DC1	The Main Door lock/unlock is not working properly. • Turn the machine off, and restart the cycle. • If the information code remains, contact a local Samsung service centre.
DC3	The Add Door lock/unlock is not working properly. • Turn the machine off, and restart the cycle. • If the information code remains, contact a local Samsung service centre.

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

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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 maximise 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		

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Specifications

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 cycle used).

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Specification sheet

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

Type			Front loading washing machine
Model name			WF16N8750K*
Wash and spin capacity			16.0 kg
Dimensions			W686 x H984 x D864 (mm)
Water pressure			50 kPa - 800 kPa
Net weight			107.0 kg
Power consumption	Washing and heating	AC 220-240 V / 50 Hz	2200 W
Spin revolutions			1100 rpm

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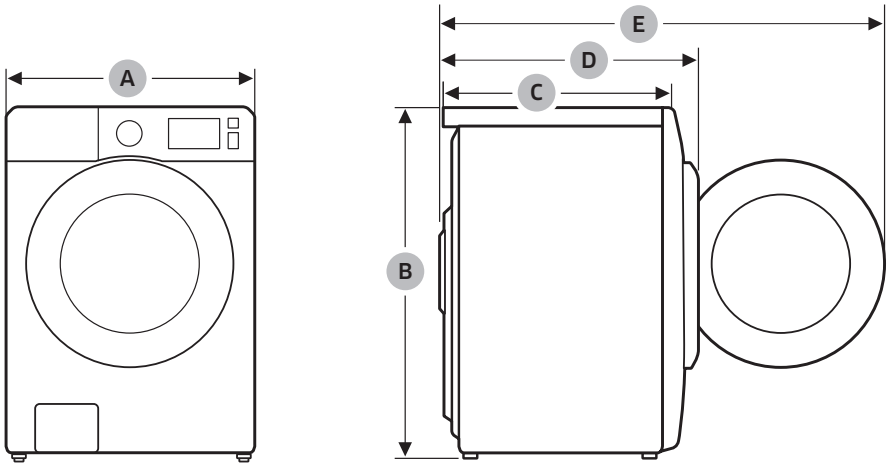
Specifications



A	686 mm
B	984 mm
C	648 mm
D	864 mm
E	1386 mm

NOTE

The design and specifications are subject to change without notice for quality improvement purposes.

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Memo

SAMSUNG

QUESTIONS OR COMMENTS?

COUNTRY	CALL	OR VISIT US ONLINE AT
AUSTRALIA	1300 362 603 (Other) 1300 425 299 (HHP)	www.samsung.com/au/support
NEW ZEALAND	0800 726 786 (All Product) 0800 6 726 786 (Support for Smart Mobile Devices)	www.samsung.com/nz/support

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