

Washer

User manual

WW22K6800A*

SAMSUNG

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Safety information

Congratulations on your new Samsung washer. 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 washer'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 washer.

Because the following operating instructions cover various models, the characteristics of your washer 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.

NOTE

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

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.

SAVE THESE INSTRUCTIONS

CALIFORNIA PROPOSITION 65 WARNING

WARNING

Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

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. Read all instructions before using the appliance.
2. Do not wash or dry articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry-cleaning solvents, other flammable or explosive substances as they give off vapors that could ignite or explode.
3. Do not allow children to play on or in the appliance. Close supervision of children is necessary when the appliance is used near children.
4. Before the appliance is removed from service or discarded, remove the door to the washing or drying compartment.
5. Do not reach into the appliance if the drum is moving.
6. Do not install or store this appliance where it will be exposed to the weather.
7. Do not tamper with controls.
8. Do not repair or replace any part of the appliance or attempt any servicing unless specifically recommended in the user-maintenance instructions or in published userrepair instructions that you understand and have the skills to carry out.

SAVE THESE INSTRUCTIONS

Safety information

9. Do not add gasoline, dry-cleaning solvents, or other flammable or explosive substances to the wash water. These substances give off vapors that could ignite or explode.
10. Under certain conditions, hydrogen gas may be produced in a hot water system that has not been used for 2 weeks or more. HYDROGEN GAS IS EXPLOSIVE. If the hot water system has not been used for such a period, before using a washer or combination washer-dryer, turn on all hot water faucets and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. As the gas is flammable, do not smoke or use an open flame during this time.

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.

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.

SAVE THESE INSTRUCTIONS

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 center.

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.

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

- This may result in electric shock or fire.

SAVE THESE INSTRUCTIONS

Safety information

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 center.

- 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.

SAVE THESE INSTRUCTIONS

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 washer. In addition, when disposing of the appliance, remove the washer 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 washer 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 washer door by force while it is operating (high-temperature washing/drying/spinning).

- Water flowing out of the washer 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 washer 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 washer 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 washer while it is operating.

- This may result in injury.

SAVE THESE INSTRUCTIONS

Safety information

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.

- 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.

If the water supply hose comes loose from the faucet 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 washer. The washer door does not open easily from the inside and children may be seriously injured if trapped inside.

Usage cautions

CAUTION

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

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

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

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

SAVE THESE INSTRUCTIONS

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

Open the faucet 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 washer is used when it is flooded because of a draining problem, it may result in electric shock or fire.

Insert the laundry into the washer 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 washer, or result in a water leak.

Turn the water supply off when the washer 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 faucet 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.

SAVE THESE INSTRUCTIONS

Safety information

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 washer.

- 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.

- Do not wash thick or hard mats even if the washer mark is on the care label. This may result in injury or damage to the washer, 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 washer 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 washer.

- This may result in damage to the washer, 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, knives, fingernails, etc.

- This may result in electric shock or injury.

SAVE THESE INSTRUCTIONS

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 washer.

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

- If it hardens and accumulates inside the washer, it may result in problems with the product, discoloration, 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 washer, 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.

SAVE THESE INSTRUCTIONS

Safety information

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 discoloration, 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.

SAVE THESE INSTRUCTIONS

Installation

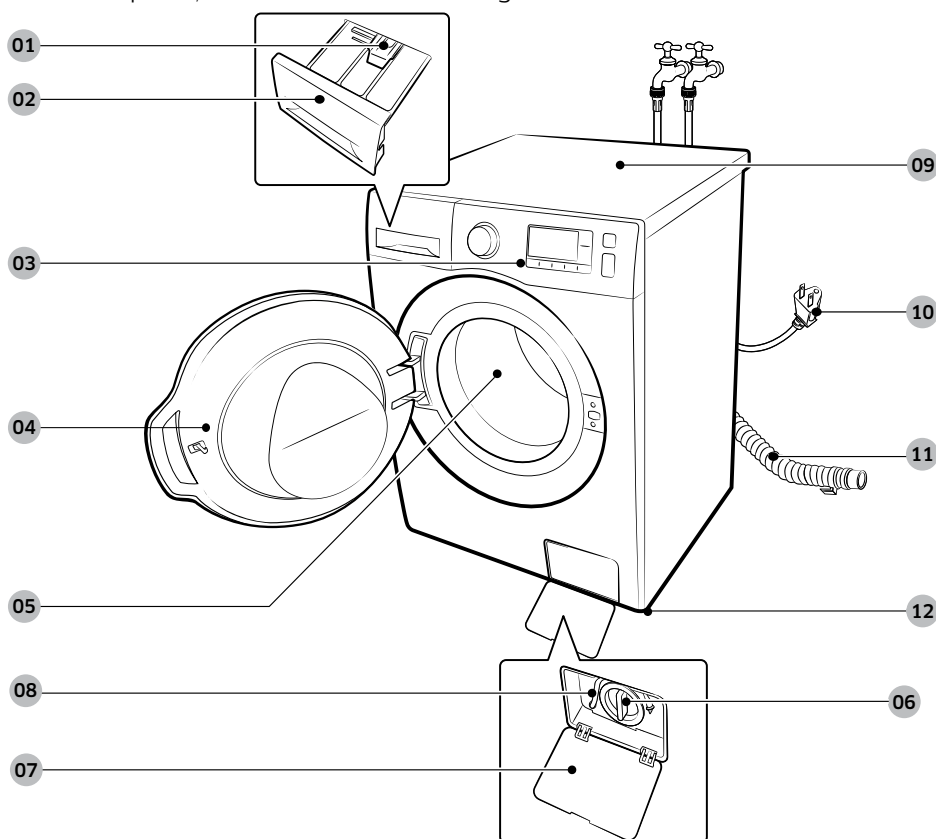
Follow these instructions carefully to ensure proper installation of the washer and to prevent accidents when doing laundry.

⚠ WARNING

Certain internal parts are intentionally not grounded and may present a risk electric shock only during servicing. Service personnel - Do not contact the following parts while the appliance is energized: Control board, heat sink, motor, inlet valve and pump.

What's included

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



01 Release lever

04 Door

07 Filter cover

10 Power plug

02 Detergent drawer

05 Drum

08 Emergency drain tube

11 Drain hose

03 Control panel

06 Pump filter

09 Worktop

12 Levelling feet

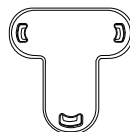
Installation



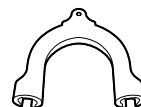
Spanner



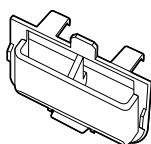
Bolt caps



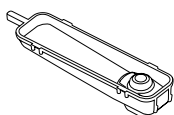
Cap fixer



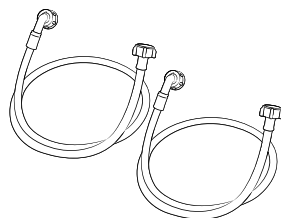
Hose guide



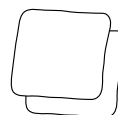
Liquid detergent
container



Drawer bleach



Water hoses



Anti-slip pads (sold
separately)

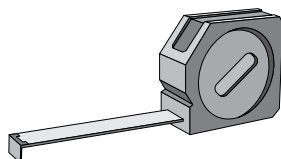
Tools needed for installation



Philips
screwdriver



Level



Measuring tape



Adjustable Plier

NOTE

- Bolt caps: The provided number (3 to 6) of bolt caps depends on the model.
- The appearance of the machine and provided accessories may differ with the model.

CAUTION

- Do not reuse old water hoses, which may leak or burst, causing flooding and/or property damage.
- Make sure the rubber washers are inserted in each coupling of the water hose.

Installation requirements

Electrical supply and grounding

- AC 120 V / 60 Hz / 15 AMP fuse or circuit breaker is required.
- Use an individual branch circuit specific to the washer.

To ensure proper grounding, the washer comes with a power cord featuring a three-prong grounding plug for use in a properly installed and grounded outlet.

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 washer.
- Do NOT connect the ground wire to plastic plumbing, gas lines, or hot water pipes.
- Improperly connected grounding conductors may cause electric shock.
- To prevent unnecessary risk of fire, electrical shock, or personal injury, all wiring and grounding must be done in accordance with local codes, or in the absence of local codes, in accordance with the National Electrical Code, ANSI/ NFPA No. 70-Latest Revision (for the U.S.) or the Canadian Electrical Code CSA C22.1 - Latest Revisions and local codes and ordinances. It is your responsibility to provide adequate electrical service for your washer.

Water supply

A proper water pressure for this washer is between 20-116 psi (137-800 kPa). Water pressure less than 20 psi (137 kPa) may cause the water valve not to close completely. Or, it may take longer to fill the drum, causing the washer to turn off. Faucets must be within 4 feet (122 cm) from the rear of the washer so that the provided inlet hoses reach the washer.

To reduce the risk of leaks:

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

CAUTION

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

Drain

Samsung recommends a standpipe in height of 18 in (46 cm). The drain hose must be connected through the hose clip to the standpipe, and the standpipe must fully cover the drain hose.

Installation

Flooring

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



CAUTION

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

Water temperature

Do not install the washer in areas where water may freeze as the washer 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 washer.

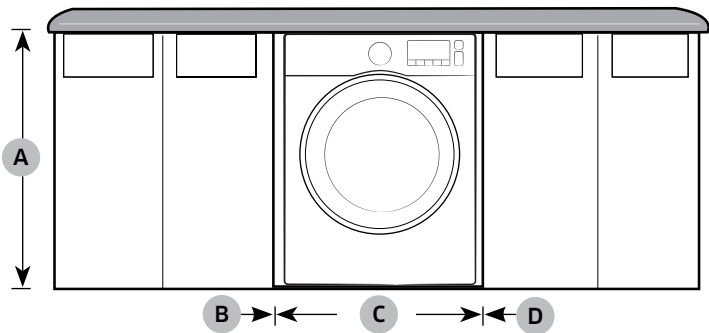
Alcove or closet installation

Minimum clearance for stable operation:

Sides	1 in. (25 mm)
Top	1 in. (25 mm)
Rear	2 in. (50 mm)
Front	1 in. (25 mm)

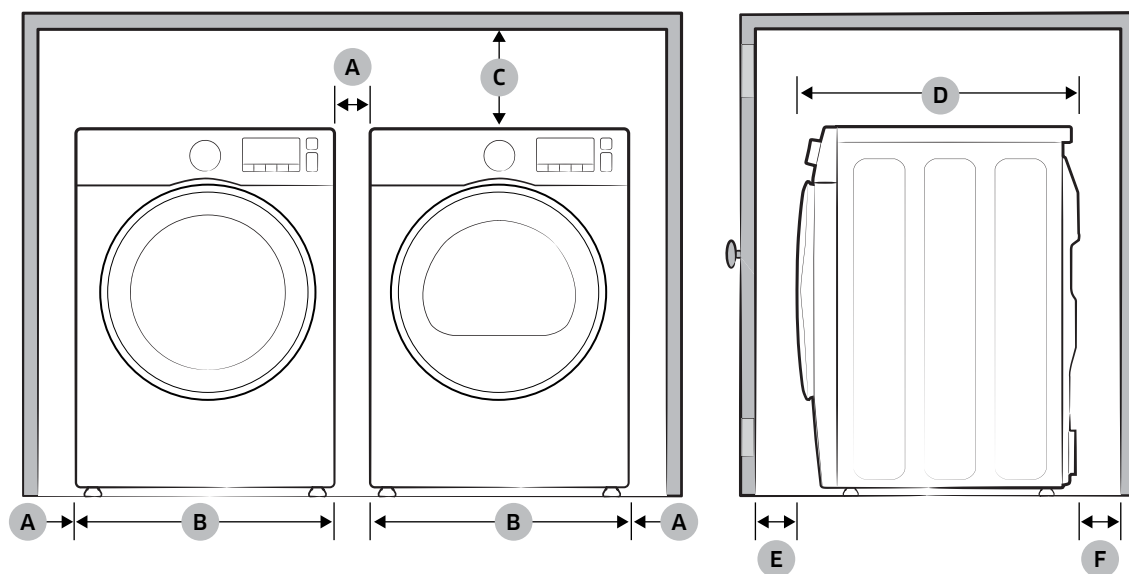
If both the washer and a dryer are installed in the same location, the front of the alcove or closet must have two unobstructed air openings for a combined minimum total area of 72 in² (465 cm²).

Undercounter installation



A	34.4 in. (875 mm)	C	23.6 in. (600 mm)
B	1 in. (25 mm)	D	1 in. (25 mm)

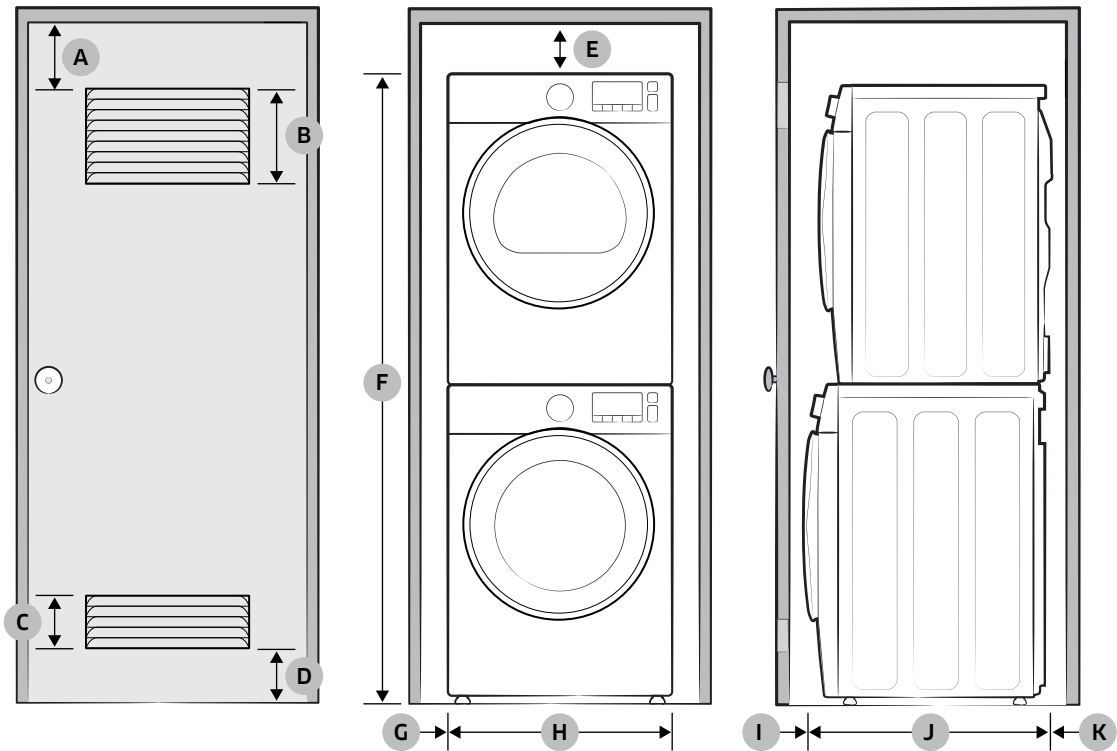
Side by side installation



A*	1 in. (25 mm)	D	27.1 in. (688 mm)
B	23.6 in. (600 mm)	E	1 in. (25 mm)
C	1 in. (25 mm)	F	DV22K68****
			DVE22N68***
			DV22N68****
			3 in. (76 mm)
			2 in. (50 mm)

*This clearance is not applicable to standalone washers.

Installation



A	3 in. (76 mm)	G	1 in. (25 mm)	
B	48 in ² . (310 mm ²)	H	23.6 in. (600 mm)	
C	24 in ² . (155 mm ²)	I	1 in. (25 mm)	
D	3 in. (76 mm)	J	27.1 in.(688mm)	
E	6 in. (152 mm)	K	DV22K68****	3 in. (76 mm)
			DVE22N68***	
F	67 in. (1702 mm)		DV22N68****	2 in. (50 mm)

⚠ WARNING

Samsung's washers and dryers can be stacked to maximize usable space. The dryer legs need to be removed to stack the washer and dryer. You can purchase an optional stacking kit from your Samsung retailer.

Stacked installation (Model: SK-DH)

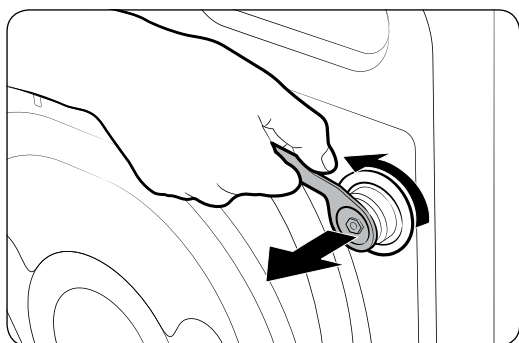
Step-by-step installation

STEP 1 Select a location

Location requirements:

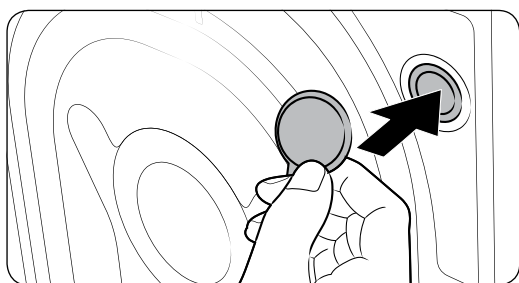
- Solid, level surface without carpeting or flooring that may obstruct ventilation
- Away from direct sunlight
- Adequate room for ventilation and wiring
- The ambient temperature is always higher than the freezing point (0 °C)
- Away from a heat source

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.



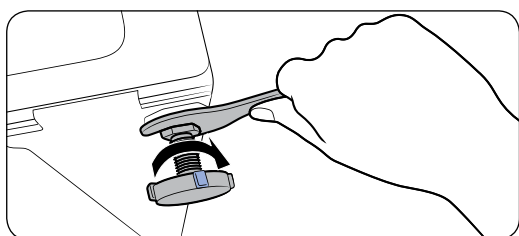
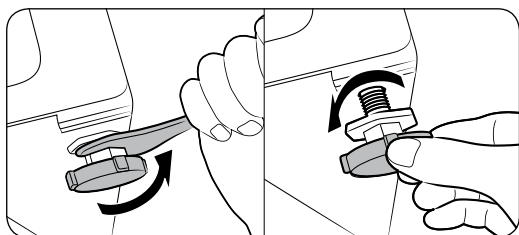
2. Fill the holes with the supplied plastic bolt caps.
Keep the shipping bolts for future use.

WARNING

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

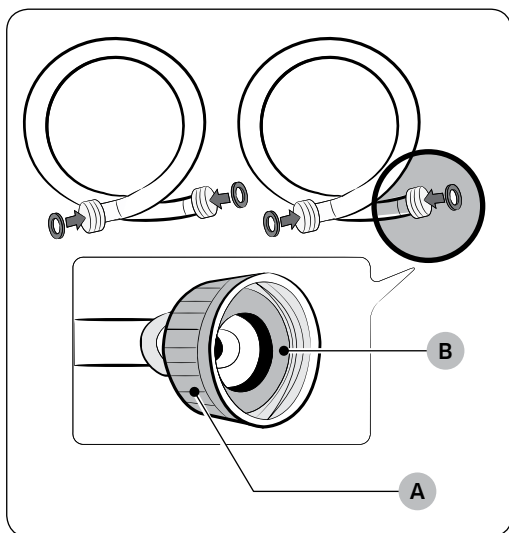
Installation

STEP 3 Adjust the levelling feet



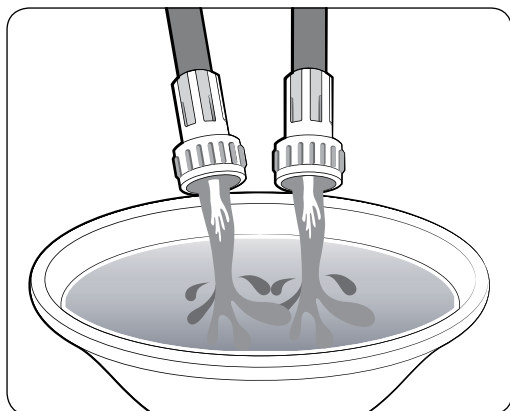
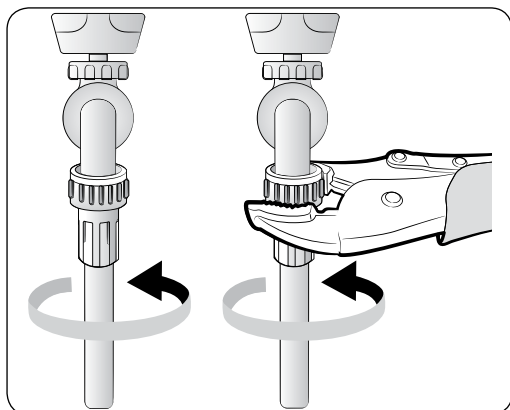
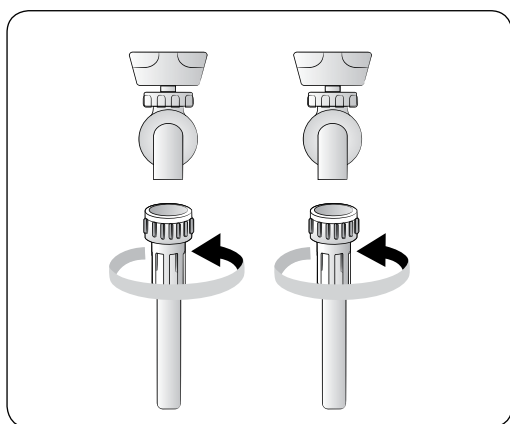
1. Gently slide the washer into position. Excessive force may damage the levelling feet.
2. Level the washer by manually adjusting the levelling feet.
3. When levelling is complete, tighten the nuts using the spanner.

STEP 4 Connect the water hose



⚠ CAUTION

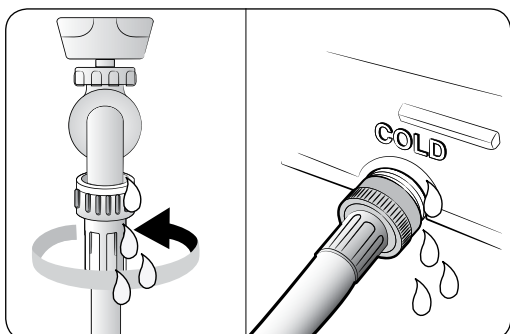
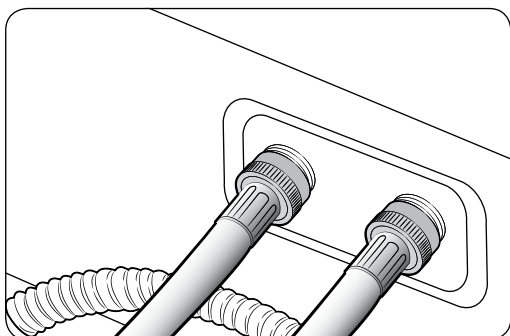
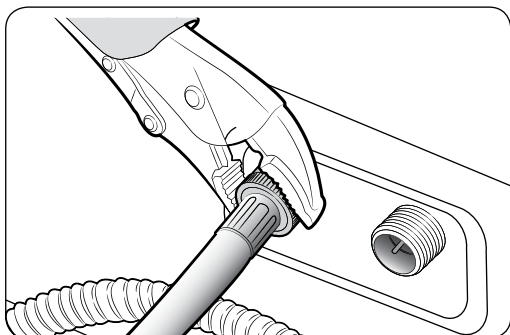
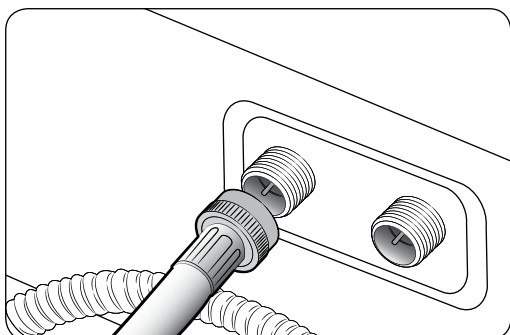
- Make sure you use a new water hose, and there are rubber gaskets (B) inside the couplings (A) at either end of the water hose. A water hose without the gasket may cause a water leak.
- If there is a water leak, stop using the washer and contact a local Samsung service center. This may cause electric shock.
- Do not stretch the water hose by force. If the hose is too short, replace the hose with a longer, high-pressure hose.
- To prevent leaks, make sure both water hoses are not bent or kinked. A water leak may cause electric shock.



To connect the water hose to the faucet:

1. Connect one end of each water hose to the Hot or Cold tap.
2. Turn the fittings manually to the end, and then tighten them just by an additional two-thirds of a turn with a plier. Do not overtighten them to prevent damage to the fittings.
3. When done, pull up or down the water hoses to check if they are properly connected.
4. Put the other ends of the hoses into a bucket and open the taps for 10-15 seconds to remove impurities. When done, close the taps.

Installation



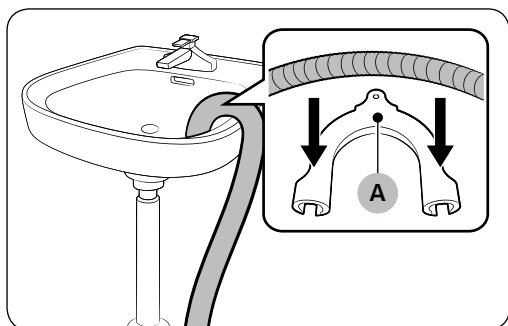
5. Connect the other ends of the water hoses to the corresponding inlets on the rear of the machine as specified. Make sure the hot water hose is connected to the hot inlet, and the cold water hose to the cold inlet.
6. Repeat step 2 above on the other fittings. Make sure both water hoses are connected properly. See the '4C' information code for troubleshooting.
7. Open both faucets, and check if there is a leak.

NOTE

If you do not want to use the hot water hose, insert the inlet cap into the hot water inlet. In this case, you must select Tap Cold for the water temperature. All other water indicators turn off.

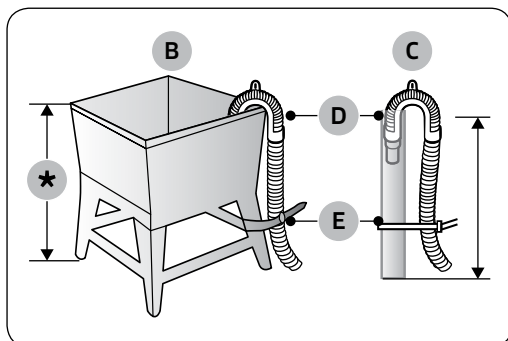
STEP 5 Position the drain hose

The drain hose can be positioned in three ways:



Over the edge of a wash basin

The drain hose must be placed at a height of between 24 in. (60 cm) and 35 in. (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.



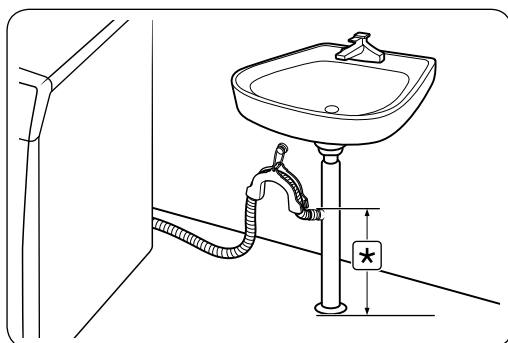
In a standpipe or laundry tub

The laundry tub (B) or standpipe (C) must be no shorter than 18 in. (46 cm) and no longer than 96 in. (245 cm). Make sure the drain hose and the standpipe are not airtight.

NOTE

D: Hose retainer / E: Tie straps

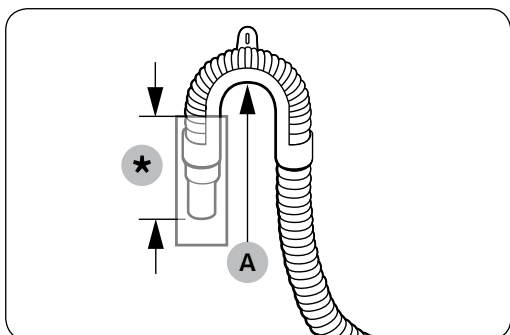
(*): 18 in. (46 cm) ~ 96 in. (245 cm)



In a sink drain pipe branch

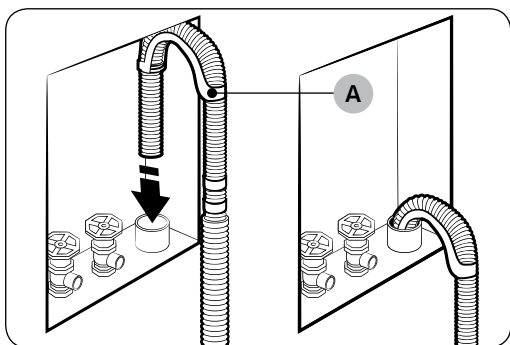
The drain pipe branch must be above the sink siphon so that the end of the hose is at least 24 in. (60 cm) above the ground.
(*) : 24in. (60 cm)

Installation



⚠ CAUTION

- Connect the **hose guide (A)** within 6 in. (15 cm)* from the end of the drain hose. If the drain hose is extended beyond the end of the hose guide, moulds or microorganisms could spread inside the washer.
- The drain hose can be installed up to 96 in. (245 cm) high, but the draining capability can be reduced at the maximum height. Remaining water in the drain system may cause an odour.
- If the drain hose is installed less than 18 in. (46 cm) high, water can be drained during the process due to a siphon phenomenon. If this happens, an information code of '4E' appears on the display.



Wall standpipe drain system

The drain hose must be placed into a wall standpipe drain system. To keep the end of the drain hose bent, use the supplied hose guide **(A)**. Secure the guide to the wall using a hook to ensure stable drainage.

STEP 6 Power on

Plug the power cord into a wall socket featuring an AC 120 V / 60 Hz / 15 AMP approved electrical outlet protected by a fuse or circuit breaker. Then, press **Power** to turn on the washer.

Before you start

Initial settings

Run Calibration (recommended)

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

1. Press **Power** to turn on the washer.
2. Press and hold **Temp.** and **Delay End** simultaneously for 3 seconds.
3. Press **Start/Pause** to start Calibration.
 - The door is locked during the operation.
 - The drum keeps rotating clockwise and anticlockwise for several minutes.
4. When complete, the washer turns off automatically.

Before you start

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.
- Color: Separate whites from colors.
- Size: Mixing different sized items together in the drum improves the washing performance.
- Sensitivity: Wash delicate items separately using Delicates cycle for 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.

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 pants 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 (water 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 washer and result in injury.

STEP 4 Determine the load capacity

Do not overload the washer. Overloading may cause the washer to not wash properly.

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 level is “Low or Medium Spin”, and the load capacity is 3.0 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.

STEP 5 Apply a proper detergent type

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

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, use only a neutral liquid detergent. If used with WOOL, powder detergent may remain on the laundry and discolor the laundry.

Use HE detergent only



Your washer is designed to use high efficiency (HE) detergents.

- For the best cleaning results, use a high efficiency detergent such as Tide HE, Wisk HE, Cheer HE or Gain HE*. High efficiency detergents contain suds suppressors that reduce or eliminate suds. When fewer suds are produced, the load tumbles more efficiently and cleaning is maximized. (* Brand names are trademarks of their respective manufacturers.)

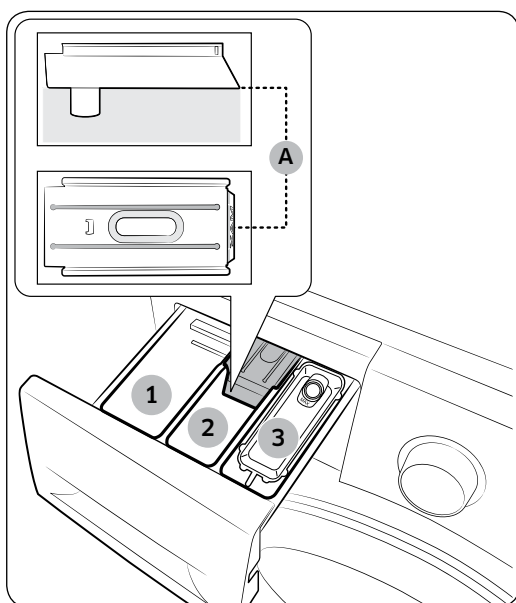
WARNING

Regular detergent is not recommended.
Use HE detergents only.

Before you start

Detergent drawer guidelines

The washer provides a three-compartment dispenser: the first compartment for the main wash, the second for fabric softeners, and the third for liquid chlorine bleach.



- 1. Main-wash compartment:** Apply main-wash detergent, water softener, soaking detergent, color-safe, and/or stain removers.
- 2. Softener compartment:** Apply fabric softener. Do not exceed the **max line (A)**.
- 3. Bleach compartment:** Apply liquid chlorine bleach.

CAUTION

- Do not open the detergent drawer while the washer is operating.
- Do not use the following types of detergent:
 - 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.

To apply washing agents to the detergent drawer

- 1.** Slide open the detergent drawer.
- 2.** Apply laundry detergent to the **main-wash compartment** as instructed or recommended by the manufacturer. To use liquid detergent, see page 31.
- 3.** Apply fabric softener to the **softener compartment**. Do not exceed the **max line (A)**.

CAUTION

Powder fabric softener is not recommended. Use liquid fabric softener only.

- 4.** Close the detergent drawer.

⚠ CAUTION

- Do not apply powder detergent to the liquid detergent container.
- Concentrated fabric softener must be diluted with water before applied.
- Do not apply main-wash detergent to the **softener compartment**.

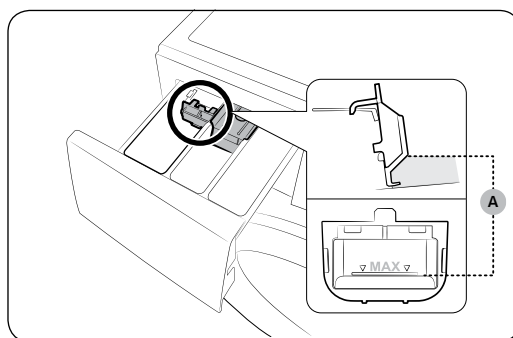
To use liquid detergent

First insert the provided liquid container in the **main-wash compartment**. Then, apply liquid detergent to the container below the marked **max line (A)**.

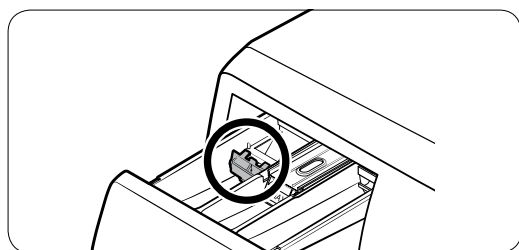
⚠ CAUTION

Do not exceed the max line that is marked inside the container.

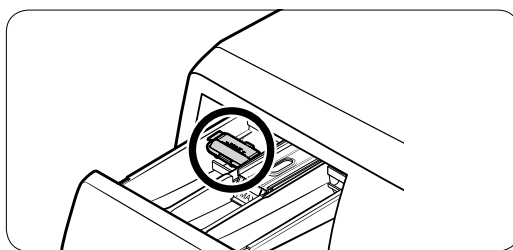
Turn up the liquid container if using powder detergent.



When using liquid detergent



When using powder detergent



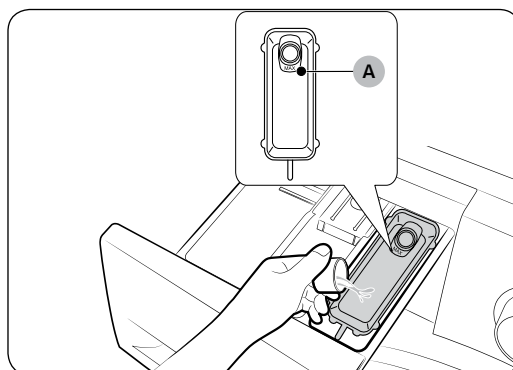
To use bleach compartment

First insert the provided **drawer bleach** in the **bleach compartment**.

Apply only liquid chlorine bleach to the **drawer bleach**. Do not exceed the **max line (A)**.

⚠ CAUTION

Do not apply undiluted liquid chlorine bleach directly onto the load or into the drum. It is a powerful chemical and can cause fabric damage, such as weakening of the fibers or color loss, if not used properly.



To use oxi-type boosters or color-safe bleach

Oxygen boosters or color-safe bleach can increase washing performance.

Make sure to add the oxygen booster or color-safe bleach after putting the laundry into the drum.

📖 NOTE

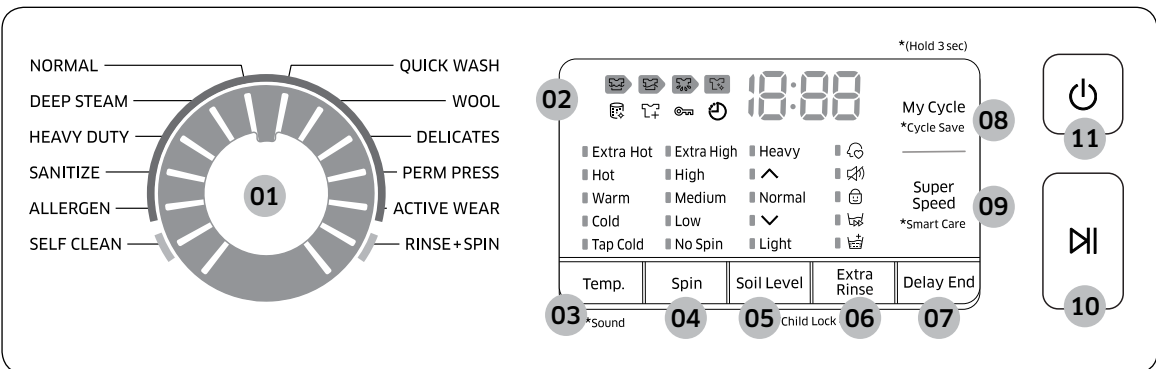
To use both powder detergent and powder oxygen booster or powder color-safe bleach, it is more effective to put them together into the drum before loading the laundry.

Operations

WARNING

To reduce the risk of fire, electric shock, or injury to persons, read the IMPORTANT SAFETY INSTRUCTIONS before operating this appliance.

Feature panel

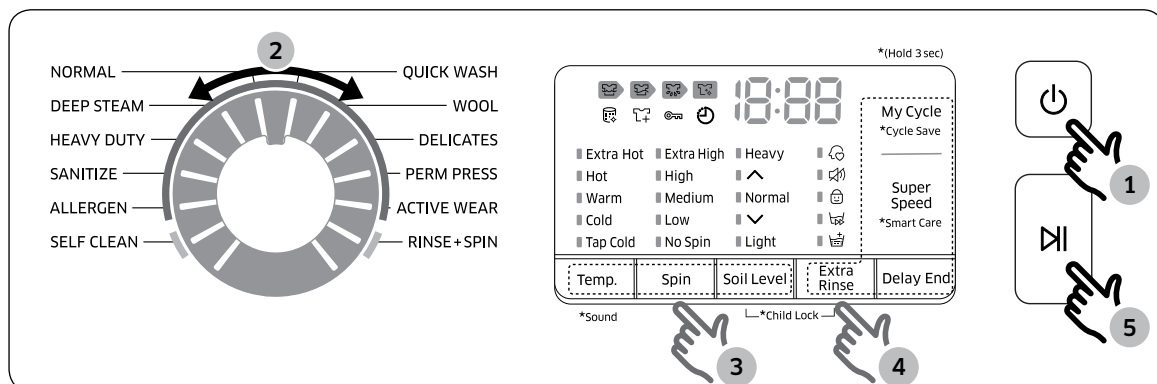


01 Cycle Selector	Turn the dial to select a cycle.
02 Display	The display shows current cycle information and estimated time remaining, or an information code when a problem occurs.
03 Temp.	Press to change the water temperature for the current cycle. • Extra Hot: Heavily soiled, colorfast items. Only available with the Normal, Heavy Duty, Sanitize and Self Clean cycle. • Hot: Whites and heavily soiled, colorfast items. • Warm: Colorfast items. • Cold: Brightly colored, very lightly soiled items. If cold water below 60°F/16°C supplied, can added hot water or heater on. • Top Cold: Cold water with no warm water added.

04 Spin	Press to change the spinning speed for the current cycle. • Extra High: Removes more water from loads during spin. To minimize wrinkling of wrinkle-free and no-iron fabrics, DO NOT use the Extra High spin option for these loads, nor overload your Washer. • High: Use for underwear, t-shirts and sturdy cottons. • Medium: Use for wrinkle-free or wash-and-wear items and synthetics. • Low: Use for jeans or delicate items needing a slow spin speed. • No Spin: The drum does not spin after the final drain process. • Rinse Hold (No lamp turns on): The final rinse process is suspended so that the laundry remains in the water. To unload the laundry, run a drain or spin process.
05 Soil Level	Press the button to select the soil level/washing time. • Heavy: For heavily soiled loads. • ^ • Normal: For moderately soiled loads. This setting is best for most loads. • ∇ • Light: For lightly soiled loads.
06 Extra Rinse	Press this button to add an additional rinse at the end of the cycle to remove laundry additives more thoroughly.
07 Delay End	You can delay any cycle for up to 24 hours in one-hour increments. Displayed hour indicates the time at which the wash will be ended. (See page 37).
08 My Cycle	Choose your favorite cycle including temperature, spin, soil level, options, etc. (see page 39)
09 Super Speed	Press this button if you need to shorten the washing time, applicable for Normal, Deep steam, Heavy Duty or Allergen course. The shortened time may differ depending on the Cycles/Load/Option.
10 Start/Pause	Press to start or stop operation.
11 Power	Press to turn on/off the washer.

Operations

Simple steps to start



1. Press **Power** to turn on the washer.
2. Turn the **Cycle Selector** to select a cycle.
3. Change the cycle settings (**Temp.**, **Spin**, and **Soil Level**) as necessary.
4. Select desired options as necessary.
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.

WARNING

Do not place anything on top of your washer while it is running.

Cycle overview

Standard cycles

Cycle	Description
NORMAL	For cottons, bed linens, table linens, underwear, towels, or shirts. The washing time and the rinse count are automatically adjusted according to the load.
DEEP STEAM	For heavily soiled, colorfast garments, this cycle provides a high washing temperature and steam and is effective for cleaning stains. (See page 40).
HEAVY DUTY	For sturdy, colorfast fabrics and heavily soiled items.
SANITIZE	For heavily soiled, colorfast garments. This cycle heats the water to 150 °F to eliminate bacteria.  NOTE If you select pause during the heating portion of the Sanitize Cycle, your Washer door will remain locked for your safety. When selecting this cycle, the water heats to an extra high temperature to remove certain bacteria typically found on clothing, bedding, or towels. Please check the garment care label to avoid garment damage.
ALLERGEN	This course is applied to remove dust mites, pet dander or other allergic substances of the fabric.
SELF CLEAN	Use to clean dirt and mold from the drum. Regular use (after every 40 washes) is recommended.
RINSE+SPIN	Use for loads that need rinsing only or to add rinse-aided fabric softener to a load.
ACTIVE WEAR	Use this cycle to wash exercise wear such as sports jerseys, training pants, shirts/tops and other performance clothing. This cycle provides effective soil removal with gentle action for special fabric care.
PERM PRESS	For wash-and-wear, synthetic fabrics, and lightly to normally soiled items.

Operations

Cycle	Description
DELICATES	- For sheer fabrics, bras, lingerie (silk), and other handwash-only fabrics. - For best performance, use liquid detergent.
WOOL	For machine-washable wool. Loads should be under 8 pounds. For best results, we recommend a load of 4.4 pounds or less. - The Wool cycle washes laundry by moving the wash drum horizontally to maintain the characteristics of the wool fibers and to prevent damage to the cloth. It then stops for a while to allow the laundry to soak in the water. This pause in the operation of the Wool cycle is normal. - We recommend you use a neutral detergent to prevent damage to the cloth and to improve the washing results.
QUICK WASH	For lightly soiled garments needed quickly.

Options

Option	Description
Extra Rinse	Add an additional rinse at the end of the cycle to remove laundry additives more thoroughly.
My Cycle	Choose your favorite cycle including temperature, spin, soil level, options, etc.
Super Speed	Press this button if you need to shorten the washing time, applicable for NORMAL, DEEP STEAM, HEAVY DUTY or ALLERGEN. The shortened time may differ depending on the selected cycle/load/options.
Delay End	The displayed time refers to the end time of a selected cycle.

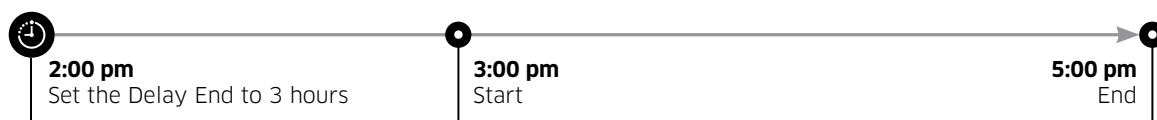
Delay End

You can set the washer 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. 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 turns on with the clock running.
4. To cancel the **Delay End**, restart the washer 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 press **Start/Pause** at 2:00 p.m. Then, what happens? The washer starts operating at 3:00 p.m., and ends at 5:00 p.m. Provided below is the time line for this example.



Operations

Special features

Garment+

You can add or take out laundry items even after the wash has started, as long as the “” light is on. Pushing the **START/PAUSE** button unlocks the door, unless the water is too hot or if there is too much water in your washer. If you are able to unlock the door and wish to continue the wash cycle, close the door, and then press the **START/PAUSE** button.

Spin Only

If you press the **POWER** button and then press and hold the **Spin** button for 3 seconds, the spin time will be displayed on the display panel.

Then, press the **Spin** button repeatedly until the required spin level is selected, and then press the **START/PAUSE** button.

NOTE

- Before pressing the Spin Only button to use the Spin Only function, you can select a cycle with the Cycle Selector. If you have selected a cycle, you can only select the spin level corresponding to the selected cycle.

Child Lock

Child Lock prevents children from playing with your washer.

Once you have activated the Child Lock function, the control panel cannot be activated, preventing children from playing with the washer.

Activating the Child Lock function

Press and hold both the **Soil Level** and **Extra Rinse** buttons simultaneously for 3 seconds.

- When you activate the Child Lock function, the door locks and the “Child Lock ” lamp illuminates.
- If you press the **START/PAUSE** button after you have activated the Child Lock function, none of the buttons will work except for the **POWER** button.
- If you press a button when the buttons are locked, the “Child Lock ” lamp blinks.

Pausing the Child Lock function

When the door is locked or the buttons are locked by the Child Lock function, you can pause the Child Lock operation for 1 minute by pressing and holding both the **Soil Level** and **Extra Rinse** buttons simultaneously for approximately 3 seconds.

- If you pause the Child Lock mode temporarily, the door lock is released for 1 minute for user convenience. During this period, the “Child Lock ” lamp blinks.
- If you open the door after the minute is over, an alarm sounds for up to 2 minutes.
- If you close the door within the 2 minutes, the door is locked and the Child Lock function is reactivated. If you close the door after the 2 minutes, the door is not locked automatically and no alarm sounds.

Deactivating the Child Lock function

Press and hold both the Soil Level and Extra Rinse buttons simultaneously for approximately 6 seconds.

Or In “pausing the child lock function” status, press and hold both Soil Level and Extra Rinse buttons simultaneously for approximately 3 seconds more.

WARNING

- When you deactivate the Child Lock function, the door is unlocked and the “Child Lock ” is turned off.
- The Child Lock function prevents children or the infirm from accidentally operating the washer and injuring themselves.
- If a child enters the washing machine, the child may become trapped and suffocate.
- Once you have activated the Child Lock function, it continues working even if the power is turned off.
- Opening the door by force can result in injury due to damage to the product.

CAUTION

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

NOTE

If you want to open the door of the washing machine when the Child Lock function is activated:

- Pause or deactivate the Child Lock function.
- Turn the washing machine off and then on again.

My Cycle

Create your own washing cycle with preferred settings, and use the cycle with one button.

To create your own cycle

1. Turn the **Cycle Selector** to select a cycle.
2. Change the cycle settings (**Temp.**, **Spin**, and **Soil Level**) as necessary.
3. To add an option, press the corresponding buttons.
4. Press and hold **My Cycle** for 3 seconds to save your settings. Applicable indicators blink for 3 seconds.

Once you save the cycle, you can use it by pressing My Cycle.

NOTE

If you press and release **My Cycle** within 3 seconds, the previously saved cycle and options appear.

Operations

Sound

Mute or unmute the sound.

- To mute or unmute the sound, press and hold the **Temp.** button for 3 seconds. When the sound is muted, the  indicator turns on.

Using Steam Wash

If you select Deep Steam course, the steam acts at the most effective times for the detected amount of laundry, maximizing the effect of the steam, increasing the wash temperature, enhancing the Soak effect, and improving wash performance.

1. Load the washer.
2. Press the **Power** button.
3. Turn the Cycle Selector and select a **Deep Steam** Course.
4. Add detergent to the dispenser tray and add fabric softener up to the marked line.
5. Press the **Start/Pause** button.

The washer automatically selects the optimal wash conditions by sensing the weight of the laundry.

NOTE

- Steam may not necessarily be visible during the steam cycles. Steam may not be present during the entire steam wash cycle.

ATC (Auto Temperature Control)

ATC enables the washer to control water temperatures in each washing process using the internal thermistor. It is designed to maintain a certain level of washing temperature for best results.

NOTE

- If you select NORMAL or HEAVY DUTY, you may notice the washer supplying cold water. This is normal because the machine is designed to reduce power consumption.
- In these cycles, the Hot temperature is similar to bath-water temperatures, and the Warm temperature to comfortable swimming pool temperatures.
- To wash clothes at a specific temperature, you must choose a different cycle first.

Maintenance

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

WARNING

Certain internal parts are intentionally not grounded and may present a risk electric shock only during servicing. Service personnel – Do not contact the following parts while the appliance is energized: Control board, heat sink, motor, inlet valve and pump.

Self Clean

Certain usage and environmental conditions may result in some residue build-up or odor in the washer drum. To prevent this build-up of residue or odor causing bacteria and keep your washer drum fresh and clean, perform the Self Clean+ cycle at least once a month or every 40 cycles. Perform the recommended procedure below when using the Self Clean+ cycle.

1. Remove all items from the washer drum and ensure the drum is empty. Laundry left in the drum during the Self Clean+ cycle may be damaged.
2. Press **Self Clean**.
3. Press **Start/Pause**.

NOTE

- The water temperature for Self Clean+ is defaulted to Hot. This temperature cannot be changed.
- In the case where residue is present in the washer drum, add liquid chlorine bleach to the MAX level line in the main-wash compartment before starting the Self Clean+ cycle. Do not add the liquid chlorine bleach to the bleach compartment (This is only the case for Self Clean+ cycle). Do not exceed the max line. Do not use or mix any other detergent or chemicals during the Self Clean+ cycle.
- If necessary, run a RINSE+SPIN Cycle after the Self Clean+ cycle has completed to help remove any remaining residue.

CAUTION

If there is chlorine bleach left in the washer drum for an extended period of time, rust can occur.

Self Clean+ reminder (🔔)

- After 40 washing cycles, the Self Clean+ LED reminder icon and the Self Clean+ cycle LED will blink on the control panel for an hour and then turn off automatically.
- The reminder will appear on the control panel for 5 additional consecutive cycles before turning off. The next reminder will not appear until another 40 cycles have been completed.

Maintenance

Smart Care

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

The Smart Care function has been optimized for:

Galaxy & iPhone series (cannot be supported for some models)

The washer runs the self-diagnosis in the background, and displays an information code if an error is found. If this is the case, follow the steps below:

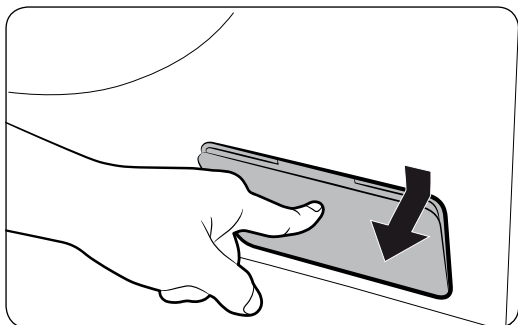
1. Run the Samsung Smart Washer app on your mobile device, then press and hold the **Super Speed** button for 3 seconds within 10 seconds after turning the power on by pressing the **Power** button.
2. Present the mobile device to the washer's display panel so that the mobile device and the washer face each other. Then, the information code will be recognized automatically by the app.
3. When the information code is recognized correctly, the app provides detailed information for the error with further actions.

NOTE

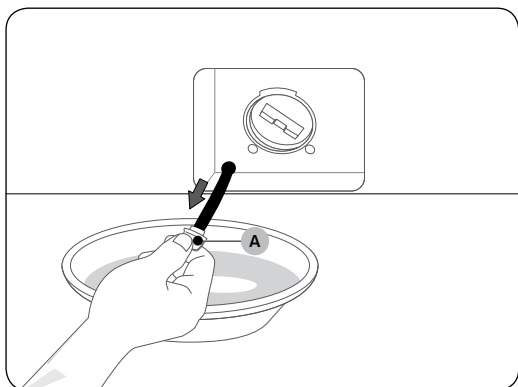
- The function name, Smart Care, may differ depending on the language.
- If the washer reflects light on the display, the app may fail to recognize the information code.
- If the app fails to recognize the Smart Care code consecutively, enter the information code manually onto the app screen.

Emergency drain

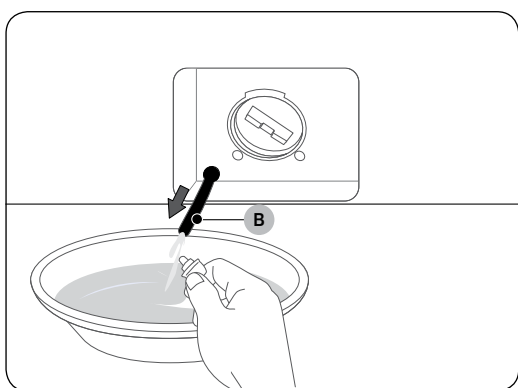
In case of a power failure, drain the water inside the drum before taking out the laundry.



1. Power off and unplug the washer 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.

Maintenance

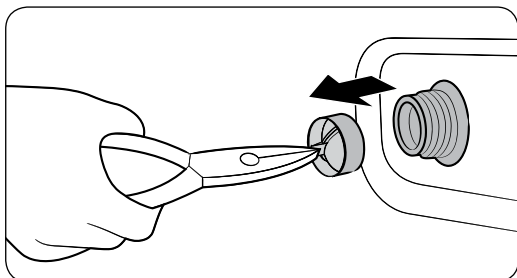
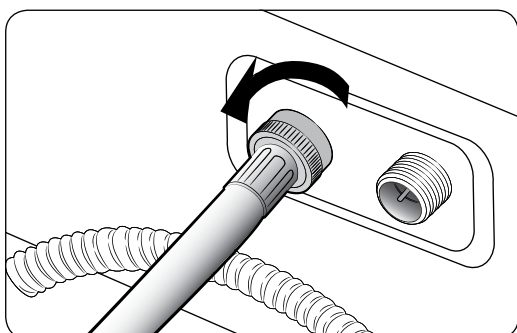
Cleaning

Surface of the washer

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

Mesh filter

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



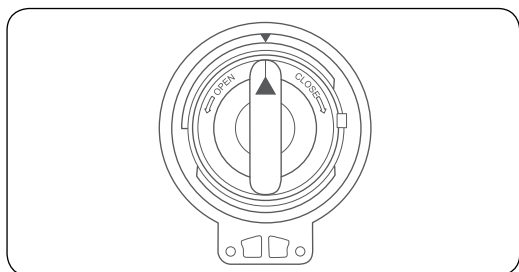
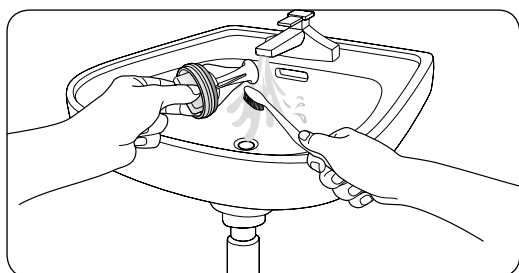
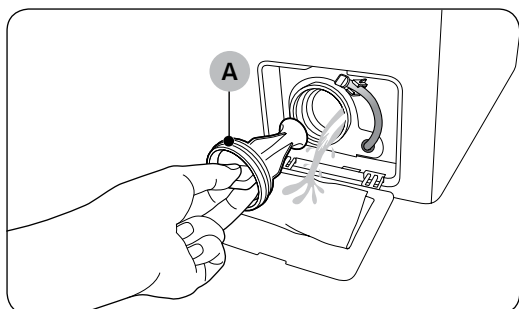
1. Turn off the washer, and unplug the power cord.
2. Close the faucet.
3. Loosen and disconnect the water hose from the back of the washer. Cover the hose with a cloth to prevent water from gushing out.
4. Use pliers to pull out the mesh filter from the inlet valve.
5. Submerge the mesh filter deeply 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 faucet.

NOTE

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

Pump filter

It is advisable to clean the pump filter 5 or 6 times a year to prevent its clogging.



1. Turn off the washer, and unplug the power cord.
2. Drain the remaining water inside the drum. See the “Emergency drain” section.
3. Gently press the top area of the filter cover to open.
4. Turn the **pump filter knob (A)** to the left, and drain off the remaining water.
5. Clean the pump filter using soft brushes. Make sure the drain pump propeller inside the filter is unclogged.
6. Reinsert the pump filter, and turn the filter knob to the right.

NOTE

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

NOTE

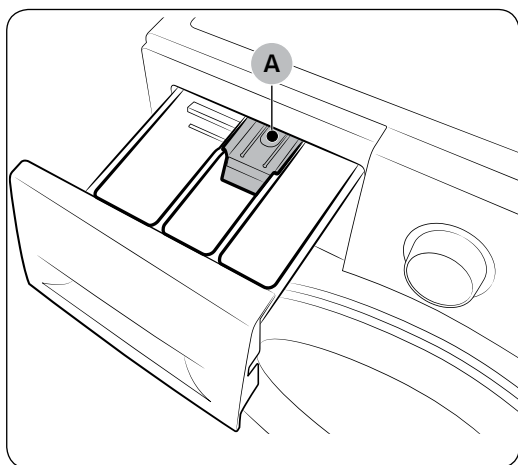
If the pump filter is clogged, an information code of “5C” appears on the screen.

CAUTION

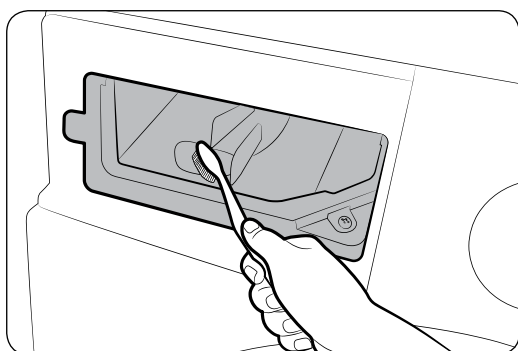
- Make sure the filter knob is closed properly after cleaning the filter. Otherwise, this may cause a leak.
- Make sure the filter is inserted properly after cleaning it. Otherwise, this may cause an operational failure or a leak.

Maintenance

Detergent drawer



1. While holding down the **release lever (A)** inside the drawer, slide open the drawer.
2. Clean the drawer components in flowing water using a soft brush.

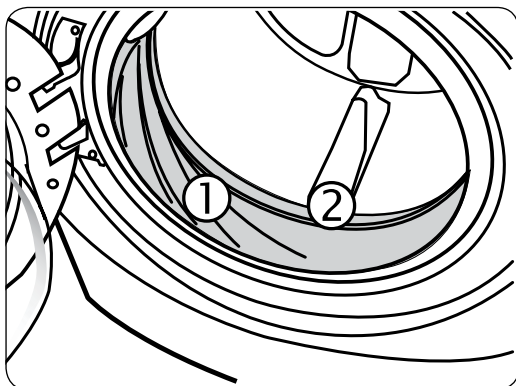


3. Clean the drawer recess using a soft brush.
4. Reinsert the **release lever** and the **Liquid detergent container** to the drawer.
5. Slide the drawer inward to close it.

NOTE

To remove remaining detergent, perform the **RINSE+SPIN** cycle with the drum being empty.

Door diaphragm



1. Open the washer door and remove any clothing or items from the washer.
2. Check if there are any foreign substances on the grey Diaphragm ① between the lid and the drum. To check this, turn the Diaphragm ② out.
3. If there are any foreign substances, remove them.
4. If you find stained areas, wipe them down using the procedure below:
 - a) Carefully combine $\frac{3}{4}$ cup (177 mL) of liquid chlorine bleach with 1 gal. (3.8 L) of warm tap water.
 - b) Wipe the Diaphragm area with the dilute solution using a damp cloth.
 - c) Let stand 5 minutes.
 - d) Wipe down the area thoroughly with a dry cloth and let the washer interior air dry with the door open.

CAUTION

Wear rubber gloves when cleaning for prolonged periods.
Refer to the bleach manufacturer's instructions for proper use.

Recovery from freezing

The washer may freeze when it drops below 0 °C.

1. Turn off the washer, and unplug the power cord.
2. Pour warm water over the faucet 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 faucet.

NOTE

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

Maintenance

Care against an extended time of disuse

Avoid leaving the washer unused for an extended time. If this is the case, drain the washer 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 faucet and disconnect the water hose.
4. Turn off the washer, and unplug the power cord.
5. Open the door to let air circulate through the drum.

Cleaning the exterior

1. Turn off the water faucets after finishing the day's washing.
This will shut off the water supply to your washer and prevent the unlikely possibility of damage from escaping water. Leave the door open to allow the inside of your washer to dry out.
2. Use a soft cloth to wipe up all detergent, bleach or other spills as they occur.
Clean the following as recommended below:
 - Control Panel – Clean with a soft, damp cloth. Do not use abrasive powders or cleaning pads. Do not spray.
 - cleaners directly on the panel.

Cleaning the interior

Clean the interior of your washer periodically to remove any dirt, soil, odor, mold, mildew, or bacterial residue that may remain in your washer as a result of washing clothes.

CAUTION

Failure to follow these instructions may result in unpleasant conditions, including odors and/or permanent stains on your washer or laundry.

NOTE

Hard water deposits may be removed, if needed. Use a cleaner labeled “Washer safe”.

Troubleshooting

Checkpoints

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

Problem	Action
Does not start.	• Make sure the washer is plugged in. • Make sure the door is properly closed. • Make sure the faucets are open. • Make sure to press or tap Start/Pause to start the washer. • Make sure Child Lock is not activated. • Before the washer 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 faucet. • 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 washer is running with sufficient water pressure. • Make sure the detergent is added to the center 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 washer 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 washer. • Make sure the shipping bolts are removed. • Make sure the washer 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.

Troubleshooting

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 or tap Start/Pause. For your safety, the washer 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 washer is not supplied with sufficient power, the washer temporarily will not drain or spin. As soon as the washer regains sufficient power, it will operate normally.
The door does not open.	• Press or tap Start/Pause to stop the washer. • It may take a few moments for the door lock mechanism to disengage. • The door will not open until 3 minutes after the washer 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 washer 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.

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 the Start/Pause button to start the washer. For your safety, the washer will not tumble or spin unless the door is closed. • Before the washer 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 washer may start. • Make sure the mesh filter of the water supply hose at the faucets is not clogged. Periodically clean the mesh filter. • If the washer is not supplied with sufficient power, the washer temporarily will not drain or spin. As soon as the washer 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 washer fills, the water temperature may change as the automatic temperature control feature checks incoming water temperature. This is normal. • While the washer 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 washer 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.

Troubleshooting

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 sanitize periodically. • Clean the door seal (diaphragm). • Dry the washer interior after a cycle has finished.
No bubbles are seen (BubbleShot models only).	• Overloading may screen bubbles. • Severely contaminated laundry may not generate bubbles.

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

Information codes

If the washer 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 faucets are open. • Make sure the water hoses are not clogged. • Make sure the faucets are not frozen. • Make sure the washer is operating with sufficient water pressure. • Make sure that the cold faucet and the hot faucet are properly connected. • Clean the mesh filter as it may be clogged.
4C2	• Make sure the cold water supply hose is firmly connected to the cold faucet. If it is connected to the hot faucet, 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 center.
dC	Operating the washer 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 center.
LC, LC1	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 center.

Troubleshooting

Code	Action
Ub	Spinning does not work. • Make sure laundry is spread out evenly. • Make sure the washer 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 motor for operation. • Try restarting the cycle. • If the information code remains, contact a customer service center.
UC	The electronic control needs to be checked. • Check if power is supplied properly. • If the information code remains, contact a customer service center.
	Low voltage detected. • Check if the power cord is plugged in. • If the information code remains, contact a customer service center.
HC	High temperature heating check. • If the information code remains, contact a customer service center.
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 center.
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 center.

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

Specifications

Fabric care chart

The following symbols provide garment care direction. The clothing care labels include symbols for drying, bleaching, drying and ironing, or dry cleaning when necessary. The use of symbols ensures consistency among garment manufacturers of domestic and imported items. Follow care label directions to optimize garment life and reduce laundering problems.

Wash cycle

	Normal
	Permanent press/Wrinkle resistant/Wrinkle control
	Gentle/Delicates
	Hand wash

Water temperature

	Hot
	Warm
	Cold

NOTE

This represents appropriate wash water temperatures for various items. The temperature range for Hot below 135°F/57°C, for Warm below 105°F/41°C and for Cold below 85°F/29°C. (Wash water temperature must be a minimum of 16 °C for detergent activation and effective cleaning.)

Bleach

	Any bleach (when needed)
	Only non-chlorine (color-safe) bleach (when needed)
	Tumble dry

Normal

	Permanent press/Wrinkle resistant/Wrinkle control
	Gentle/Delicates

Special instructions

	Line dry/Hang to dry
	Drip dry
	Dry flat

Heat setting

	High
	Medium
	Low
	Any heat
	No heat / Air

Specifications

Iron dry or steam temperatures

	High
	Medium
	Low

Warning symbols for laundering

	Do not wash
	Do not wring
	Do not bleach
	Do not tumble dry

	No steam (added to iron)
	Do not iron

Dry-clean

	Dry-clean
	Do not dry-clean
	Line dry / Hang to dry
	Drip dry
	Dry flat

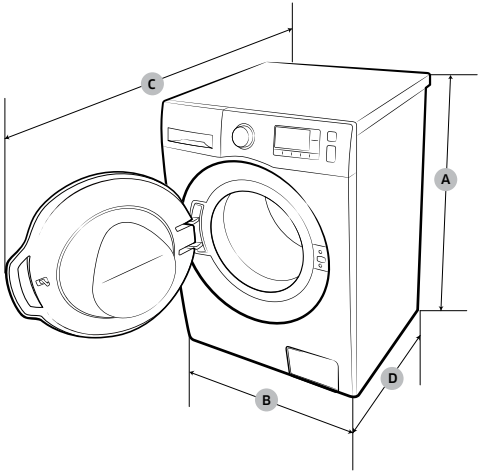
Protecting the environment

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

Declaration of conformity

This appliance complies with UL2157.

Specification sheet



Type		Front loading washer	
Dimensions (inches (mm))	A. Height-overall	33.5 (850)	
	B. Width	23.6 (600)	
	C. Depth with door open	43.3 (1100)	
	D. Depth	27.1 (688)	
Water pressure (psi (kPa))		20 - 116 (137 - 800)	
NET weight (lb (kg))		156 (71)	
Spin revolution		1400 rpm	
Heater rating (W)		900	
Heater rating	Washing	120 V	200 W
	Washing and heating	120 V	1150 W
	Spin	120 V	550 W
	Drain	120 V	80 W

Specifications

Cycle chart

Use this chart to set the best cycle and options for you laundry.

NOTE

Setting	Temp.	Spin	Soil Level
●: factory setting	EH: Extra Hot	EH: Extra High	H: Heavy
●: can be selected	H: Hot	H: High	^
	W: Warm	M: Medium	N: Normal
	C: Cold	L: Low	∇
	TC: Tap Cold	NS: No Spin	L: Light

WW22K6800A*

Cycle	Temp.					Spin					Soil Level				
	EH	H	W	C	TC	EH	H	M	L	NS	H	^	N	∇	L
NORMAL	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
DEEP STEAM		●				●	●	●	●	●	●				
HEAVY DUTY	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
SANITIZE	●					●	●	●	●	●	●	●	●	●	●
ALLERGEN		●				●	●	●	●	●	●	●	●	●	●
SELF CLEAN	●								●						
RINSE + SPIN						●	●	●	●	●					
ACTIVE WEAR			●	●	●				●	●	●	●	●	●	●
PERM PRESS			●	●	●		●	●	●	●	●	●	●	●	●
DELICATES			●	●	●				●	●	●	●	●	●	●
WOOL			●	●	●				●	●			●		
QUICK WASH		●	●	●	●	●	●	●	●	●	●	●	●	●	●

Cycle	Options				
	Extra Rinse	Super Speed	My cycle	Delay End	Sound
NORMAL	●	●	●	●	●
DEEP STEAM	●	●	●	●	●
HEAVY DUTY	●	●	●	●	●
SANITIZE	●		●	●	●
ALLERGEN	●	●	●	●	●
SELF CLEAN				●	●
RINSE + SPIN	●		●	●	●
ACTIVE WEAR	●		●	●	●
PERM PRESS	●		●	●	●
DELICATES	●		●	●	●
WOOL			●	●	●
QUICK WASH	●		●	●	●

LIMITED WARRANTY (U.S.A.)

SAMSUNG WASHER

LIMITED WARRANTY TO ORIGINAL CONSUMER PURCHASER WITH PROOF OF PURCHASE

This SAMSUNG brand product, as supplied and distributed by SAMSUNG ELECTRONICS AMERICA, INC. (SAMSUNG) and delivered new, in the original carton to the original consumer purchaser, is warranted by SAMSUNG against manufacturing defects in materials or workmanship for the limited warranty period, starting from the date of original purchase, of:

One (1) year parts and labor,

Three (3) years stainless tub part (Part Only),

Ten (10) years washing Digital Inverter Motor part (Part Only)

This limited warranty is valid only on products purchased and used in the United States that have been installed, operated, and maintained according to the instructions attached to or furnished with the product. To receive warranty service, the purchaser must contact SAMSUNG at the address or phone number provided below for problem determination and service procedures. Warranty service can only be performed by a SAMSUNG authorized service center. The original dated bill of sale must be presented upon request as proof of purchase to SAMSUNG or SAMSUNG's authorized service center to receive warranty service.

SAMSUNG will provide in-home service within the contiguous United States during the warranty period at no charge, subject to availability of SAMSUNG authorized servicers within the customer's geographic area. If in-home service is not available, SAMSUNG may elect, at its option, to provide transportation of the product to and from an authorized service center. If the product is located in an area where service by a SAMSUNG authorized servicer is not available, you may be responsible for a trip charge or required to bring the product to a SAMSUNG authorized service center for service.

To receive in-home service, product must be unobstructed and accessible to the service agent.

During the applicable warranty period, a product will be repaired, replaced, or the purchase price refunded, at the sole option of SAMSUNG. SAMSUNG may use new or reconditioned parts in repairing a product, or replace the product with a new or reconditioned product. Replacement parts and products are warranted for the remaining portion of the original product's warranty or ninety (90) days, whichever is longer. All replaced parts and products are the property of SAMSUNG and you must return them to SAMSUNG.

This limited warranty covers manufacturing defects in materials or workmanship encountered in normal household, noncommercial use of this product and shall not cover the following: damage that occurs in shipment, delivery, installation, and uses for which this product was not intended; damage caused by unauthorized modification or alteration of the product; product where the original factory serial numbers have been removed, defaced, changed in any way, or cannot be readily determined; cosmetic damage including scratches, dents, chips, and other damage to the product's finishes; damage caused by abuse, misuse, pest infestations, accident, fire, floods, or other acts of nature or God; damage caused by use of equipment, utilities, services, parts, supplies, accessories, applications, installations, repairs, external wiring or connectors not supplied or authorized by SAMSUNG; damage caused by incorrect electrical line current, voltage, fluctuations and surges; damage caused by failure to operate and maintain the product according to instructions; in-home instruction on how to use your product; and service to correct installation not in accordance with electrical or plumbing codes or correction of household electrical or plumbing (i.e., house wiring, fuses, or water inlet hoses). The cost of repair or replacement under these excluded circumstances shall be the customer's responsibility.

Visits by an authorized servicer to explain product functions, maintenance or installation are not covered by this limited warranty. Please contact SAMSUNG at the number below for assistance with any of these issues

EXCLUSION OF IMPLIED WARRANTIES

IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO ONE YEAR OR THE SHORTEST PERIOD ALLOWED BY LAW. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific rights, and you may also have other rights, which vary from state to state.

LIMITED WARRANTY (U.S.A.)

LIMITATION OF REMEDIES

YOUR SOLE AND EXCLUSIVE REMEDY IS PRODUCT REPAIR, PRODUCT REPLACEMENT, OR REFUND OF THE PURCHASE PRICE AT SAMSUNG'S OPTION, AS PROVIDED IN THIS LIMITED WARRANTY. SAMSUNG SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO TIME AWAY FROM WORK, HOTELS AND/OR RESTAURANT MEALS, REMODELING EXPENSES, LOSS OF REVENUE OR PROFITS, FAILURE TO REALIZE SAVINGS OR OTHER BENEFITS REGARDLESS OF THE LEGAL THEORY ON WHICH THE CLAIM IS BASED, AND EVEN IF SAMSUNG HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Some states do not allow exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. This warranty gives you specific rights, and you may also have other rights, which vary from state to state.

SAMSUNG does not warrant uninterrupted or error-free operation of the product. No warranty or guarantee given by any other person, firm, or corporation with respect to this product shall be binding on SAMSUNG.

To obtain warranty service, please contact SAMSUNG at:

Samsung Electronics America, Inc.

85 Challenger Road

Ridgefield Park, NJ 07660

1-800-SAMSUNG (726-7864)

www.samsung.com/us/support

Warranty (CANADA)

SAMSUNG WASHER

LIMITED WARRANTY TO ORIGINAL PURCHASER

This SAMSUNG brand product, as supplied and distributed by SAMSUNG ELECTRONICS CANADA, INC. (SAMSUNG) and delivered new, in the original carton to the original consumer purchaser, is warranted by SAMSUNG against manufacturing defects in materials and workmanship for a limited warranty period of:

One (1) year part and labor, Ten (10) years washing Digital Inverter Motor (Part only)

This limited warranty begins on the original date of purchase, and is valid only on products purchased and used in the Canada. To receive warranty service, the purchaser must contact SAMSUNG for problem determination and service procedures. Warranty service can only be performed by a SAMSUNG authorized service center. The original dated bill of sale must be presented upon request as proof of purchase to SAMSUNG or SAMSUNG's authorized service center. SAMSUNG will provide in-home service during the warranty period at no charge, subject to availability within the Canada. In-home service is not available in all areas.

To receive in-home service, product must be unobstructed and accessible to the service agent. If service is not available, SAMSUNG may elect to provide transportation of the product to and from an authorized service center.

Warranty (CANADA)

SAMSUNG will repair, replace, or refund this product at our option and at no charge as stipulated herein, with new or reconditioned parts or products if found to be defective during the limited warranty period specified above. All replaced parts and products become the property of SAMSUNG and must be returned to SAMSUNG. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer. This limited warranty covers manufacturing defects in materials and workmanship encountered in normal, noncommercial use of this product and shall not apply to the following: damage that occurs in shipment; delivery and installation; applications and uses for which this product was not intended; altered product or serial numbers; cosmetic damage or exterior finish; accidents, abuse, neglect, fire, water, lightning, or other acts of nature or God; use of products, equipment, systems, utilities, services, parts, supplies, accessories, applications, installations, repairs, external wiring or connectors not supplied or authorized by SAMSUNG that damage this product or result in service problems; incorrect electrical line voltage, fluctuations and surges; customer adjustments and failure to follow operating instructions, maintenance and environmental instructions that are covered and prescribed in the instruction book; product removal and reinstallation; problems caused by pest infestations. This limited warranty does not cover problems resulting from incorrect electric current, voltage or supply, light bulbs, house fuses, house wiring, cost of a service call for instructions, or fixing installation errors. SAMSUNG does not warranty uninterrupted or error-free operation of the product.

EXCEPT AS SET FORTH HEREIN, THERE ARE NO WARRANTIES ON THIS PRODUCT EITHER EXPRESS OR IMPLIED, AND SAMSUNG DISCLAIMS ALL WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, INFRINGEMENT OR FITNESS FOR A PARTICULAR PURPOSE.

NO WARRANTY OR GUARANTEE GIVEN BY ANY PERSON, FIRM, OR CORPORATION WITH RESPECT TO THIS PRODUCT SHALL BE BINDING ON SAMSUNG. SAMSUNG SHALL NOT BE LIABLE FOR LOSS OF REVENUE OR PROFITS, FAILURE TO REALIZE SAVINGS OR OTHER BENEFITS, OR ANY OTHER SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY THE USE, MISUSE, OR INABILITY TO USE THIS PRODUCT, REGARDLESS OF THE LEGAL THEORY ON WHICH THE CLAIM IS BASED, AND EVEN IF SAMSUNG HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

NOR SHALL RECOVERY OF ANY KIND AGAINST SAMSUNG BE GREATER IN AMOUNT THAN THE PURCHASE PRICE OF THE PRODUCT SOLD BY SAMSUNG AND CAUSING THE ALLEGED DAMAGE. WITHOUT LIMITING THE FOREGOING, PURCHASER ASSUMES ALL RISK AND LIABILITY FOR LOSS, DAMAGE, OR INJURY TO PURCHASER AND PURCHASER'S PROPERTY AND TO OTHERS AND THEIR PROPERTY ARISING OUT OF THE USE, MISUSE, OR INABILITY TO USE THIS PRODUCT. THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT, IS NONTRANSFERABLE AND STATES YOUR EXCLUSIVE REMEDY.

Some provinces do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

This warranty gives you specific rights, and you may also have other rights, which vary from province to province.

To obtain warranty service, please contact SAMSUNG at:

Samsung Electronics Canada Inc.

2050 Derry Road West,

Mississauga, Ontario L5N 0B9 Canada.

1-800-SAMSUNG (726-7864)

www.samsung.com/ca/support (English)

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Visits by a Service Engineer to explain functions, maintenance or installation is not covered by warranty.

Please contact the Samsung call center for help with any of these issues.

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