

Laundry Combo

User manual

WD80H53*H*

SAMSUNG

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Safety information

Congratulations on your new Samsung Laundry Combo. 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 Laundry Combo'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 Laundry Combo.

Because the following operating instructions cover various models, the characteristics of your Laundry Combo 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

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 this 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 use the appliance to dry clothes which have traces of any flammable substance, such as vegetable oil, cooking oil, machine oil, flammable chemicals, paint thinner, etc., or anything containing wax or chemicals, such as mops and cleaning cloths. Flammable substances may cause the fabric to catch fire by itself.
4. DO NOT store or use combustible materials, gasoline or other flammable liquids near the unit. Keep area around the air intake vent on the front of the unit and adjacent surrounding areas free from the accumulation of lint, dust and dirt.
5. Risk of Suffocation and Injury from Entrapment: Do not allow children to play on or in the appliance. Close supervision of children is necessary when the appliance is used near children.
6. Before the appliance is removed from service or discarded, remove the door to the washing or drying compartment.
7. DO NOT reach into the appliance if the tub or agitator is moving.
8. DO NOT install or store this appliance where it will be exposed to the weather.
9. DO NOT tamper with controls.
10. 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 user-repair instructions that you understand and have the skills to carry out.
11. DO NOT add gasoline, dry-cleaning solvents, or other flammable or explosive substances to the wash water. These substances give off vapours that could ignite or explode.
12. 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 washing machine, 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.
13. DO NOT use fabric softeners or products to eliminate static unless recommended by the manufacturer of the fabric softener or product.
14. Clean lint screen before or after each load.
15. DO NOT use heat to dry articles containing foam rubber or similarly textured rubber-like materials.

SAVE THESE INSTRUCTIONS

Safety information

16. Keep area around the exhaust opening and adjacent surrounding areas free from the accumulation of lint, dust, and dirt.
17. The interior of the appliance should be cleaned periodically by qualified service personnel.
18. DO NOT place items exposed to cooking oils in your dryer. Items contaminated with cooking oils may contribute to a chemical reaction that could cause a load to catch fire. To reduce the risk of fire due to contaminated loads, the final part of a tumble dryer cycle occurs without heat (cool down period). Avoid stopping a tumble dryer before the end of the drying cycle unless all items are quickly removed and spread out so that the heat is dissipated.
19. This appliance must be grounded. See "Electrical requirements" and "Grounding" in "Installation" section.
20. The control board, inlet valve and motors are intentionally not grounded and may present a risk of electric shock only during servicing.
 - DO NOT contact these parts while the appliance is energized.
21. DO NOT operate this appliance if it is damaged, malfunctioning, partially disassembled, or has missing or broken parts including a damaged cord or plug.
22. Unplug the appliance or turn off the circuit breaker before servicing. Pressing the Power button DOES NOT disconnect power.
23. DO NOT use replacement parts that have not been recommended by the manufacturer (e.g. parts made at home using a 3D printer).

CALIFORNIA PROPOSITION 65 WARNING

WARNING

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

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 appliance, or injury.

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

Plug the power cord firmly 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.

SAVE THESE INSTRUCTIONS

- 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.

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 appliance.
- 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 (raindrops).

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 install or keep the product exposed to the outdoor elements.

Do not use an electric transformer.

- This may result in electric shock or fire.

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

- This may result in electric shock or fire.

Do not pull or excessively bend the power cord.

Do not twist or tie the power cord.

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

- This may result in electric shock or fire.

SAVE THESE INSTRUCTIONS

Safety information

Do not unplug the appliance by pulling the power cord.

- 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.

Following the repair by a non-authorized service provider, self-repair or non-professional repair of the product, Samsung is not liable for any damage to the product, any injury or any other product safety issue caused by any attempt to repair the product which does not carefully follow these repair and maintenance instructions. Any damage to the product caused by an attempt to repair the product by any person other than a Samsung certified service provider will not be covered by the warranty.

Installation cautions

CAUTION

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 appliance.

Critical usage warnings

WARNING

If the appliance is flooded, turn off the water and 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 cord immediately and contact your nearest service center.

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

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

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

Remove all door levers before disposing of the appliance.

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

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

SAVE THESE INSTRUCTIONS

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 explosion.

Do not open the door by force while operating.

- Water flowing out of the Laundry Combo 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 appliance or injury.

Do not sit on the appliance or lean against the doors.

- The appliance may fall over causing a serious injury.

Dry the laundry only after it was spun by an appropriate washing machine.

Do not dry laundry contaminated by inflammable materials such as gasoline, kerosene, benzene, thinner, alcohol, etc.

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

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 cord while an operation is in progress.

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

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 Laundry Combo 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.

- 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 appliance, or injury.

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

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

Unplug the power cord 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.

SAVE THESE INSTRUCTIONS

Safety information

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

- This may result in electric shock or fire.

Keep your pets away from the appliance to prevent them from chewing any parts of the Laundry Combo, which may result in electric shock, fire, or injury.

Usage cautions

CAUTION

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

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

The glass parts may break by a strong impact. Take care when using the Laundry Combo.

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

Open the water tap slowly after a long period of non-use, water supply failure, or when reconnecting the water supply hose.

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

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

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

Insert the laundry into the Laundry Combo 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 appliance, or result in a water leak.

Turn the water supply off when the Laundry Combo 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 (such as 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 appliance.

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

The appliance you have purchased is designed for domestic use only.

SAVE THESE INSTRUCTIONS

Using the appliance for business purposes qualifies as an appliance misuse. In this case, the appliance 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 appliance, 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 appliance.

Do not place objects that generate electromagnetic fields near the Laundry Combo.

- 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.

Draining time may vary depending on the water temperature. If the water temperature is too high, the draining process starts after the water cools down.

Do not wash, spin, or dry water-proof seats, mats, or clothing (*) unless your model has a special cycle for 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 washing machine mark is on the care label. This may result in injury or damage to the Laundry Combo, 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 Laundry Combo 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 touch the inside of the glass door and the drum after washing and drying as those parts may become hot and could cause 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.

Remove the liquid detergent guide (applicable models only) when using powdered detergent.

- If not, water may leak through the front of the detergent drawer.

SAVE THESE INSTRUCTIONS

Safety information

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

- This may result in damage to the Laundry Combo, or injury and death in the case of pets because of 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.

Do not wash or dry 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 or hairpins 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 Laundry Combo.

Do not use natural hand-washing soap for the Laundry Combo.

- If it hardens and accumulates inside the Laundry Combo, it may result in problems with the appliance, discoloration, rust, or bad odors.

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 Laundry Combo, it may result in a water leak.

Make sure that the pockets of all the clothing items are empty.

- Hard, sharp objects such as coins, safety pins, nails, screws, or stones can cause extensive damage to the appliance.

Do not wash or dry 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.

SAVE THESE INSTRUCTIONS



Take care that children's fingers are not caught in the door when closing it.

- Failure to do so may result in injury.

To prevent odors and mold, leave the door open after completing a cycle to allow the drum to dry.

To prevent limescale build-up, leave the detergent drawer open after a wash cycle and dry inside it.

Do not dry laundry containing forming rubber (latex) or similar rubber textures.

- If forming rubber is heated, it may start a fire.

If necessary, use the laundry net for small and lightweight laundry such as fabric tie belts, apron strings, and underwire bras which can break during a cycle.

Dryer sheets are compatible with this model, and are recommended for better drying performance.

Dryer sheets are also beneficial in reducing the static electricity generated during a drying cycle. Static electricity could lead to damaging laundry items and potentially the appliance.

Do not use the Laundry Combo near dangerous powders such as coal dust, wheat flour, etc.

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

Do not touch the rear side of the appliance during or immediately after drying is complete.

- The appliance remains hot and may cause burns.



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.

Clean the filter case before and after using the Laundry Combo.

Clean the inside of the product on a regular basis by asking an authorized service engineer.

Care for preventing freezing

WARNING

Install the Laundry Combo in an area where the temperature does not drop below a water-freezing temperature.

If draining directly using a long drain hose, water remaining inside the hose can freeze in winter. Make sure there is no water left inside the hose after use.

If the drain hose has frozen, wrap the hose with a towel soaked in warm water for approximately ten minutes to thaw it.

SAVE THESE INSTRUCTIONS

Regulatory notice

FCC Notice

CAUTION

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received including interference that cause undesired operation.

For products sold in the US and Canadian markets, only channels 1–11 are available. You cannot select any other channels.

FCC STATEMENT:

This equipment has been tested and found to comply within the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorienting or relocating the receiving antenna
- Increasing the separation between the equipment and receiver
- Connecting the equipment to an outlet that is on a different circuit than the radio or TV.
- Consulting the dealer or an experienced radio/TV technician for help.

FCC RADIATION EXPOSURE STATEMENT:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated so there is at least 8 inches (20 cm) between the radiator and your body. This device and its antenna(s) must not be colocated or operated in conjunction with any other antenna or transmitter.

SAVE THESE INSTRUCTIONS

Regulatory notice

FCC Compliance Statement (applicable models only)

Model	WD80H53BHW
Variant model	WD80H53B** 1st * : Number A through Z indicates a specific feature. 2nd * : Letter A through Z indicates the color of appliance.
Responsible Party - U.S. Contact Information	Samsung Electronics America, Inc. 700 Sylvan Avenue, Englewood Cliffs, NJ 07632 Phone : 1-800-SAMSUNG (726-7864) Internet : www.samsung.com

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

SAVE THESE INSTRUCTIONS

IC Notice

The term "IC" before the radio certification number only signifies that Industry Canada technical specifications were met. Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

For products sold in the US and Canadian markets, only channels 1–11 are available. You cannot select any other channels.

IC RADIATION EXPOSURE STATEMENT:

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated so there is at least 8 inches (20 cm) between the radiator and your body. This device and its antenna(s) must not be colocated or operated in conjunction with any other antenna or transmitter.

SAVE THESE INSTRUCTIONS

Installation

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

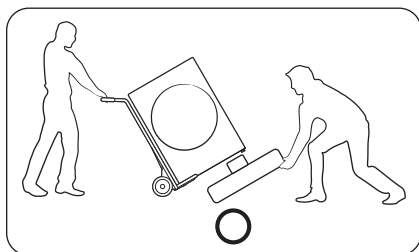
WARNING

Certain internal parts are intentionally not grounded and may present a risk of 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.

Unpacking your Laundry Combo

Unpack your Laundry Combo and inspect it for shipping damage. Make sure you have received all the items shown on the next page. If your Laundry Combo was damaged during shipping, or you do not have all of the items, call 1-800-SAMSUNG (1-800-726-7864). To prevent personal injury or strain, wear protective gloves whenever lifting or carrying the unit.

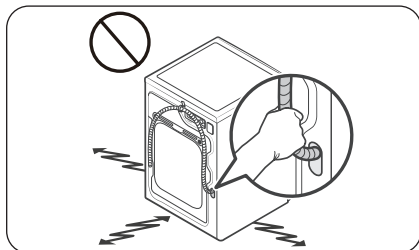
WARNING — Packing materials can be dangerous to children; Keep all packing material (plastic bags, polystyrene, etc.) well out of children's reach.



CAUTION

You must have at least 2 people unpack the Laundry Combo. To remove the cushion bottom of the packing materials, do not tip the Laundry Combo over on its front side.

When you lay the Laundry Combo down to remove the carton base, protect the side of the Laundry Combo and lay it down carefully. Never lay your Laundry Combo on its back or front.



CAUTION

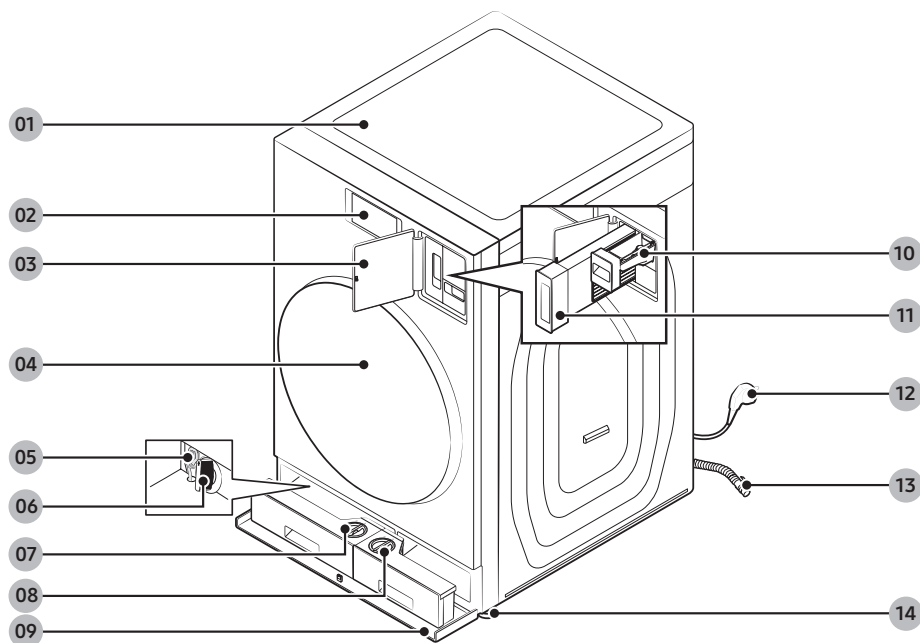
Do not grab or pull the drain hose to drag and move the product.

What's included

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

NOTE

The appearance of the actual product may differ from the image shown.



01 Worktop

02 Control panel

03 Lint filter cover

04 Door

05 Emergency drain tube

06 Drain filter

07 Auto dispenser

08 Flex auto dispenser

09 Compartment cover

10 Manual softener dispenser

11 Lint filter

12 Power plug

13 Drain hose

14 Levelling feet

Installation

Accessories (supplied)

	Wrench For removing the shipping bolts and levelling the appliance.		Bolt caps For covering the holes after removing the shipping bolts.
	Hose guide For hanging the drain hose in the drainpipe or wash-basin.		Cable tie
	Aqua Pebble		

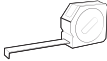
NOTE

- The number and type of accessories provided may differ depending on the model.
- To purchase an accessory or lost part, contact a local Samsung service center or retailer.

Accessories sold separately

	Water hoses For supplying water to the appliance.		Appliance Brush Purchase a flexible cleaning brush designed to bend for cleaning the heat exchanger. (Minimum length: 680 mm) • Appliance brushes are not sold in Samsung service centre or retailers.
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Tools needed for installation

	Phillips screwdriver		Leveler
	Adjustable pliers		Measuring tape

CAUTION

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

Installation requirements

Electrical supply and grounding

- AC 120 V / 60 Hz / 15 AMP fuse or circuit breaker is required.
- Use an individual branch circuit. Connect only the Laundry Combo to the circuit.

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

WARNING

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

Precautions for using a 1-to-1 power cord adapter (240 V to 120 V)

- Always connect the power cord and adapter properly. Do not alter or modify the connection.
- Do not use the adapter if the terminals of the adapter or power cord are at risk of water exposure.
- Use certified power cords and adapters that meet safety standards.
- Only use adapters and receptacles specifically designed for electric dryers.
 - Recommended Specification: NEMA 14-30P to NEMA 5-15R.
- Consult a qualified electrician if necessary to ensure safety.
- Issues caused by external factors, including adapters, are not covered under the product warranty.

Installation

Water supply

The proper water pressure for this Laundry Combo 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 Laundry Combo to turn off. Water taps must be within 4 ft. (122 cm) from the rear of the Laundry Combo so that the inlet hoses reach the Laundry Combo.

To reduce the risk of leaks:

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

CAUTION

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

Drain

Samsung recommends a standpipe 18 in. (460 mm) high. The drain hose must be connected through the hose clip to the standpipe, and the standpipe must fully cover the drain hose.

Flooring

For best performance, the Laundry Combo 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 do not provide good resistance to vibrations and may cause the Laundry Combo to move slightly during the spin cycle.

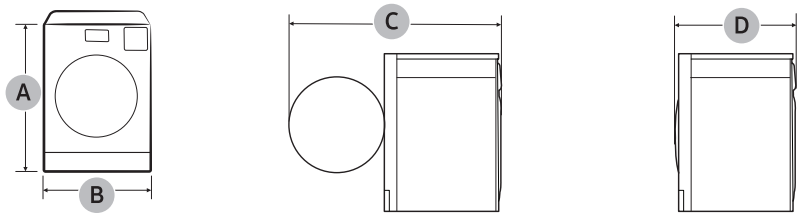
CAUTION

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

Water temperature

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

Dimensions



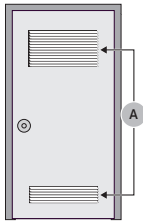
A. Overall height	43.7 in. (1110 mm)
B. Width	27 in. (686 mm)
C. Depth with door open	56.3 in. (1430 mm)
D. Depth	34.4 in. (875 mm)

Clearance requirement

Alcove or closet installations

Minimum clearance for stable operation

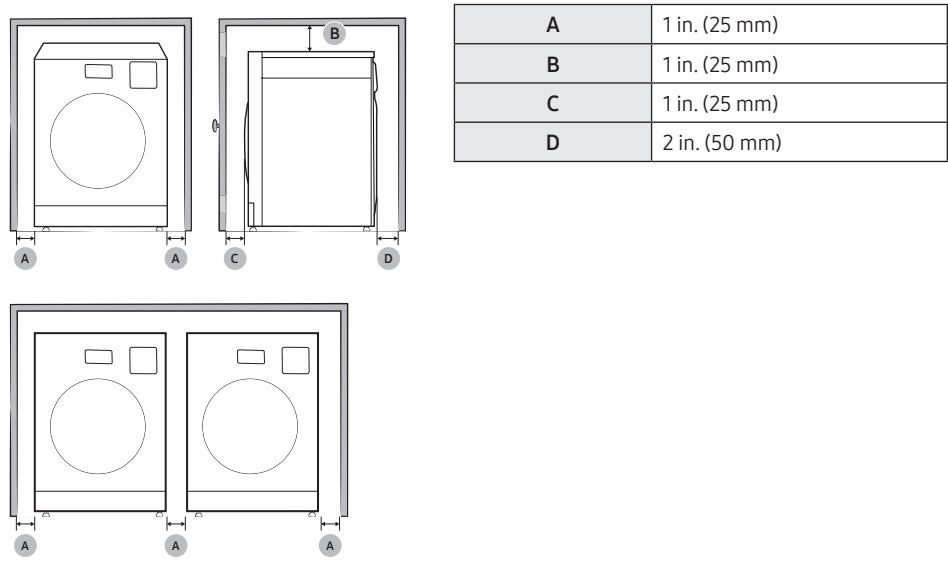
Sides	Top	Rear	Front
1 in. (25 mm)	1 in. (25 mm)	2 in. (50 mm)	1 in. (25 mm)



A: If the Laundry Combo is installed in the same location with other washer or dryer, the front of the alcove or closet must have two unobstructed air openings for a combined minimum total area of 72 in.² (465 cm²).

Installation

Custom cabinet and side-by-side installation



CAUTION

Please be aware of the following when installing and using the product.

- After plugging the power plug, make sure the power cord does not get pressed or pinched by the product while you push it into the final installation position.
 - This could cause fire or electric shock.
- The product must be installed in a place where it can be easily plugged. Otherwise, an electrical leakage may occur and lead to electric shock or fire.
- Plug the power cord into a grounded 3-prong outlet.
 - Never cut or remove the third (grounding) prong from the power cord under any circumstances.

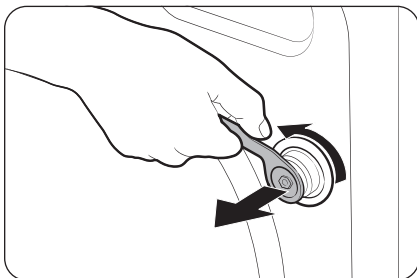
Step-by-step installation

STEP 1 Selecting a location

Location requirements:

- A solid, level surface without carpeting or flooring that may obstruct ventilation
- No direct sunlight
- Adequate room for ventilation and wiring
- Ambient temperature always higher than the freezing point (32 °F / 0 °C)
- Away from heat sources

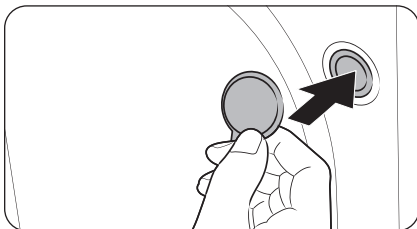
STEP 2 Removing the shipping bolts



1. After unpacking the product, remove all shipping bolts.

 NOTE

Use the enclosed end of the supplied spanner to remove the shipping bolts.



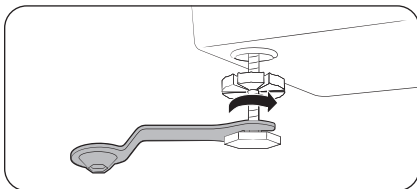
2. Fill the holes with the supplied plastic bolt caps. Keep the shipping bolts for future use.

WARNING

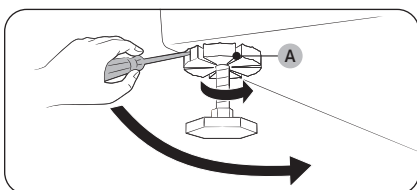
- The shipping bolts secure the tub during product transportation and reduce the chance of suspension damage. Remove the shipping bolts before using the product and only reinsert them if you need to move the product.
- Packaging materials can be dangerous to children. Dispose all packaging material (plastic bags, polystyrene, etc.) out of children's reach.

Installation

STEP 3 Adjusting the leveling feet



1. Gently slide the Laundry Combo into position. Excessive force may damage the leveling feet.
2. Using a wrench, turn the leveling feet clockwise or counterclockwise to adjust the height until the Laundry Combo is level.

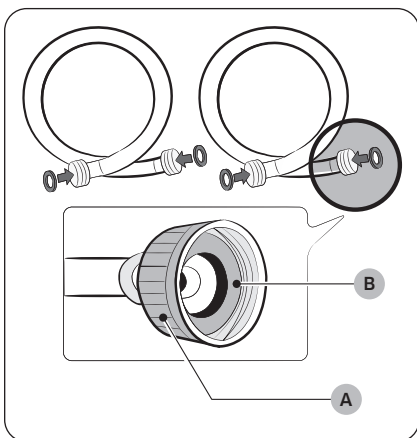


3. Using a flathead screwdriver, tighten the **locking nuts (A)**.

NOTE

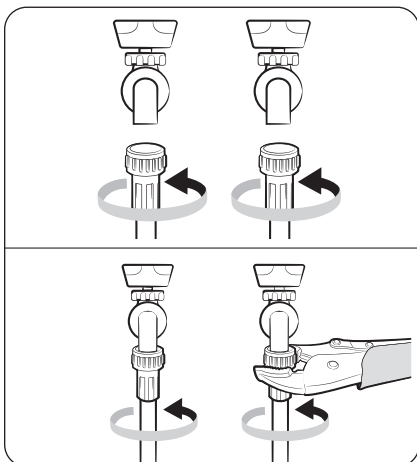
Use the open-end of the supplied wrench to adjust the leveling feet.

STEP 4 Connecting the water hose

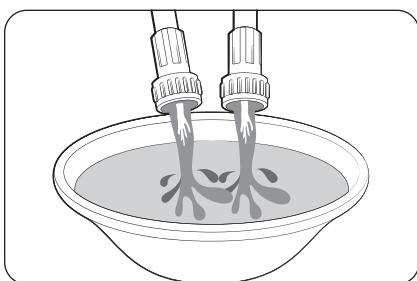


CAUTION

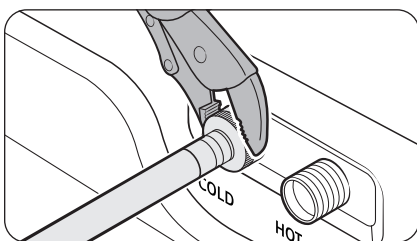
- Make sure to use new water hoses and that **rubber gaskets (B)** are inside the **couplings (A)** at both ends of the hoses. Water hoses without the gaskets may leak.
- Allow 5 in. (127 mm) of space between the back of the Laundry Combo and the wall to prevent water hoses from being kinked. Kinked hoses may cause water leaks.
- If there is a water leak, stop using the Laundry Combo and contact a local Samsung service center. A water leak may cause electric shock.
- Do not stretch the water hoses by force. If a hose is too short, replace the hose with a longer hose.



1. Attach the water hoses to the hot and cold water taps, and then hand tighten the water hose fittings until they are tight. Then, use pliers to tighten the fittings by an additional two-thirds of a turn. To avoid damaging the fittings, do not overtighten them.
2. Pull the water hoses to check if they are firmly connected.



3. Put the other ends of the hoses into a bucket, and then open the water taps for 10 - 15 seconds to remove impurities. When done, close the taps.

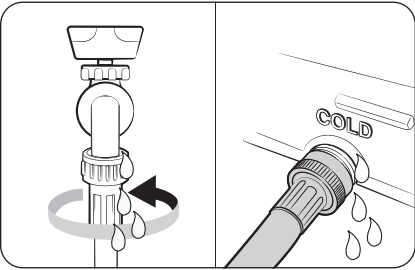


4. Attach the water hoses to the hot and cold water inlets on the back of the Laundry Combo, and then hand tighten the water hose fittings until they are tight. Then, use pliers to tighten the fittings by an additional two-thirds of a turn.

NOTE

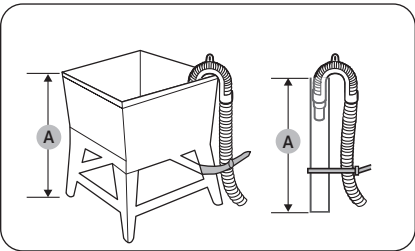
If you do not want to use the hot water supply hose, attach the water intake cap to the hot water supply intake. When you do a wash, tap **Temp.** and select **Tap Cold**.

Installation



5. Open the water taps, and check for leaks.

STEP 5 Positioning the drain hose



To a Laundry Tub or Drain Pipe

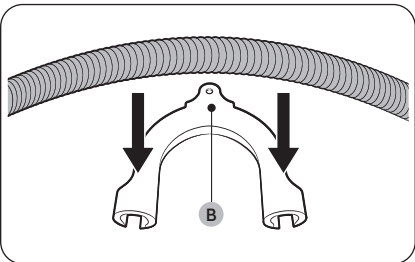
1. Check the **height (A)** of your drain system and make sure the minimum and maximum heights shown below are met.

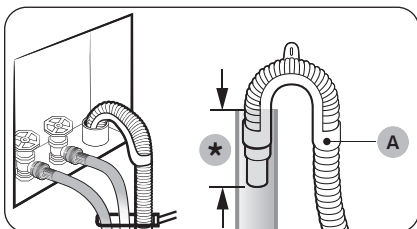
Minimum	18 in. (46 cm)
Maximum	96 in. (245 cm)

NOTE

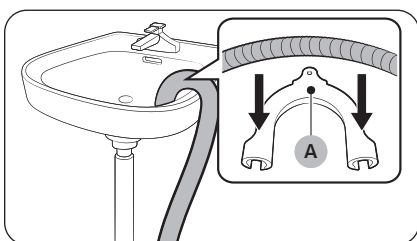
- Make sure to measure the height from the floor where the Laundry Combo is placed.
- Draining efficiency may be reduced if the drain system is at the maximum height.
- To prevent the Laundry Combo from siphoning water, do not use a drain system below the minimum height.

2. Attach the drain hose to the **plastic hose guide (B)**.





(*): Min. 6 in. (152 mm), Max. 8 in. (203 mm)



3. Route the drain hose to the drain system.

⚠ CAUTION

- If using a standpipe, make sure the standpipe and drain hose connection is not airtight.
- If using a standpipe, make sure the drain hose is inserted at least 6 in. (152 mm) but no more than 8 in. (203 mm) into the standpipe.

4. Secure the drain hose with cable ties.

Over the edge of a wash basin

The drain hose must be placed no lower than 24 in. (60 cm) and no higher than 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.

STEP 6 Powering on

Plug the power cord into an AC 120 V / 60 Hz / 15 AMP approved electrical outlet protected by a fuse or circuit breaker. Then, tap  to turn on the Laundry Combo.

Before you start

Initial setup

- When you turn on the appliance for the first time, the screen shows the initial setup process. Follow the on-screen instructions to complete it.
- The initial setup includes language selection and a brief tutorial.
- Once you select a language, the language selection screen will not reappear.
 - You can change the language from the Settings menu. Tap , and then select **Settings** > **Language** to change the language.

NOTE

If the initial setup screen does not appear during the first use of the product, it does not indicate a problem with the product. To reset the appliance and start the initial setup process, tap , and then select **Settings** > **Restart and reset** > **Reset all settings**.

Calibration

Calibration ensures accurate weight detection by the Laundry Combo. Make sure the drum is empty before running calibration.

1. Tap  to turn the power on.
2. Tap , and then select **Settings** > **Calibration**.
3. Select **Start** to start the calibration.

Laundry preparation guidelines

STEP 1 Sorting the laundry

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: Wash delicate items separately. For pure, new woolen items, curtains, and silk items, check the labels on the items.

 NOTE

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

STEP 2 Preparing items for washing

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 Using 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 Laundry Combo and result in injury.

Before you start

STEP 4 Determining the load capacity

Do not overload the Laundry Combo. Overloading may cause the Laundry Combo to wash improperly.

 NOTE

When washing bedding or bedding covers, the wash time may be lengthened or the spin efficiency may be reduced. For bedding or bedding covers, the recommended load capacity is 3.0 kg or less.

 CAUTION

- Unbalanced laundry may reduce the spinning performance.
- Make sure the laundry is fully inserted in the drum and not caught in the door.
- Do not slam the door. Close the door gently. Otherwise, the door may not be closed properly.

STEP 5 Selecting the appropriate detergent

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.

Use HE detergent only



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.)

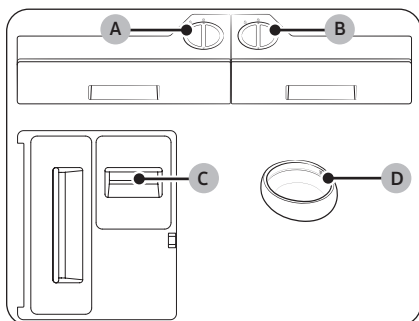
 WARNING

For best results, use HE detergents only. Do not use non-HE detergent, organic detergent, natural detergent or HE detergents with natural ingredients (such as vinegar, baking soda).

Detergent dispenser guidelines

NOTE

Automatic dispensers make laundry easier by dispensing the preset amount of washing agents without you having to pour it in every time, and it could be more economical because the exact amount will be dispensed each time of use, allowing less waste of washing agents.



A. Auto dispenser

- You can use the general detergent in this compartment.
- Use liquid detergent only. Do not put powdered detergent or softener.

B. Flex auto dispenser

- You can set this dispenser to dispense **Softener**, **General detergent**, or **Specialty detergent**.
- Do not put powdered detergent.

C. Manual softener compartment

- You can use this compartment to add fabric softener manually when the **Flex auto dispenser** is set to dispense detergent instead of softener.
- Use liquid fabric softener only. Do not put powdered or liquid detergent into this compartment.

D. Aqua Pebble

- You can use Aqua Pebble to add detergent manually instead of using the automatic dispensers.
- Make sure to turn off the automatic dispensers before using the Aqua Pebble.
- Do not use the Aqua Pebble for bleach or fabric softener.

Before you start

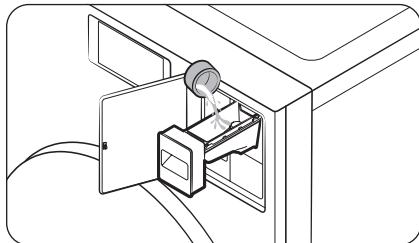
CAUTION

- Do not operate the Laundry Combo without the dispensers.
 - A water leak may cause electric shock or injury.
- Do not use the following types of detergent in the dispensers.
 - Tablet, capsule, ball, or net types.
- Do not use gel-type or viscous detergent/softener in the dispensers as they may not flow well.
 - Read the detergent/softener manufacturer's instructions before using them in the Laundry Combo.
- Do not carry around the dispenser removed from the appliance. Put the dispenser back in place.
 - Otherwise, the dispenser may shake and cause the content to spill out.
- Empty the dispensers before moving the appliance to prevent any content from spilling out on the floor.
- Do not use chlorine bleach, which may damage the laundry.
- Before each wash, clean the Aqua Pebble before adding fresh detergent.
- Do not insert the Aqua Pebble into a folded item or between different laundry items.
- Do not use liquid or powdered chlorine bleach.
- Do not put or store cleaning agents such as detergent, bleach, or fabric softener on your Laundry Combo. Wipe up any spills immediately to prevent damage to the Laundry Combo, especially the surface and the control panel.

NOTE

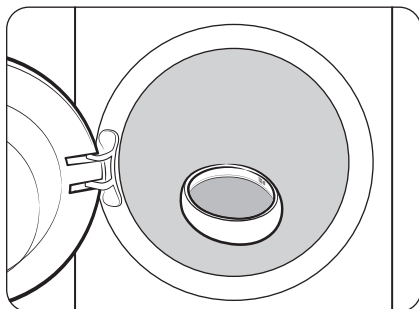
- If the message "**Needs refill**" appears on the display, refill the corresponding dispenser.
- To dispense the detergent automatically in the **Wool**, **Delicates**, and **Activewear** cycles, you must set the **Detergent type** to **Specialty detergent** for **Flex auto dispenser**.
 - Otherwise, you must use the Aqua Pebble to put detergent manually into the drum.
- Do not exceed the max line when filling detergent and softener.

Adding fabric softener manually



- Add fabric softener to the manual softener compartment.
- Pour the fabric softener directly, following the amount recommended by the detergent manufacturer.
- Do not exceed the MAX line when adding fabric softener.

Adding the detergent manually



- Pour the recommended amount of liquid or powdered detergent into the Aqua Pebble, and then put the Aqua Pebble directly into the drum.
 - There are two guidelines inside the Aqua Pebble to indicate 50 ml (1.69 fl oz) and 100 ml (3.38 fl oz). Do not exceed the 100 ml line.



CAUTION

Use caution when placing the Aqua Pebble as it is supposed to be balanced on top of the laundry at the beginning of the wash. Tipping the Aqua Pebble before the start of a wash may cause detergent residue to remain on the laundry at the end of the wash, causing discolouration of the laundry or reduced washing performance.

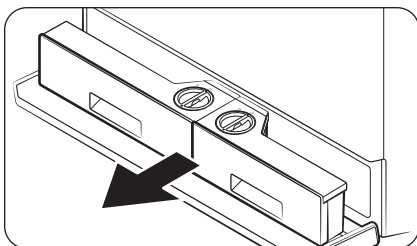
Before you start

Filling the automatic dispensers

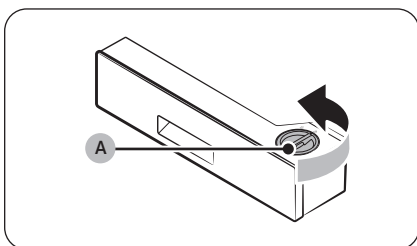
NOTE

If the message "**Needs refill**" appears on the display, refill the corresponding dispenser.

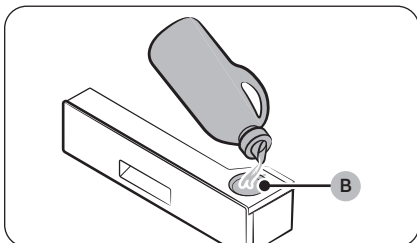
- The detection time may vary depending on the type of the detergent or softener used.



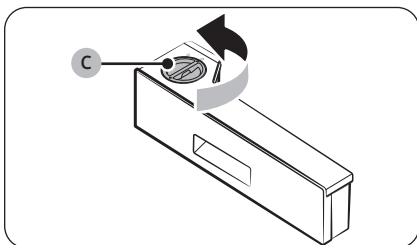
1. Press the Compartment cover to open it.
2. Pull out the automatic dispensers.



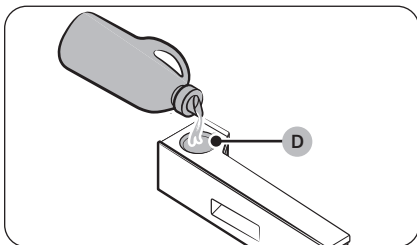
3. Turn the **Auto dispenser cap (A)** counterclockwise to open.



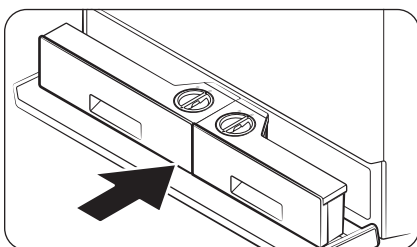
4. Pour an appropriate amount of detergent to the **Auto dispenser (B)**.
 - After you finish, put the cap back and turn it clockwise to close.



5. Turn the **Flex auto dispenser cap (C)** counterclockwise to open.



6. Pour an appropriate amount of detergent (General or Specialty detergent) or softener to the **Flex auto dispenser (D)**.
- After you finish, put the cap back and turn it clockwise to close.



7. Insert the automatic dispensers back into their places.
8. Close the Compartment cover.

SmartThings

Scan the QR code attached to the upper left or upper right area on the front of the appliance, and then add the appliance by following the on-screen instructions. Refer to the information below for details.

Registering the appliance in the SmartThings app

Installing the app

- Search for “SmartThings” in the Google Play Store or Apple App Store.
- Download and install the SmartThings app provided by Samsung Electronics on your mobile device.

Signing in to a Samsung account

- To use the app, a Samsung account is required. If you do not have a Samsung account, follow the on-screen instructions in the app to create one.
- Samsung smartphone users who have registered a Samsung account in the Settings app are signed in automatically without a separate sign-in process.

Adding the appliance

- Turn on the appliance you want to connect.
- If the appliance has a QR code, you can add the appliance using the QR code scanning feature of the camera app.
- Alternatively, when you open the SmartThings app and a pop-up appears indicating that a new appliance has been found, select **“Add”**.
- If the appliance is not added using the previous methods, add the appliance through the **“Add device”** menu in the SmartThings app, and then follow the on-screen instructions.

NOTE

Refer to the app information provided in the app store for the mobile requirements of the SmartThings app.

Supported services in the SmartThings app

- To view how to use the SmartThings app for the appliance, tap the device card in the app.
 - You can monitor and manage the status of the appliance.
 - You can control the appliance remotely.
 - You can set up the automation routine.
 - You can check the energy consumption.

NOTE

- SmartThings features supported by the appliance may vary depending on the appliance model and the app version.

Activating remote control

- You can turn the remote control function on or off by tapping the Smart Control button on the appliance.

Troubleshooting

When the connected appliance does not operate

- Check the appliance status in the SmartThings app.
If it appears as **“Offline”** on the device card, the appliance is not connected to the network.
- Close the SmartThings app and then reopen it.
- Restart the router.
- Delete the appliance from the SmartThings app and then register it again.
- If the problem persists, contact support by using **“Error reports”**.

Offline appliance diagnostics

- Try using the **“Offline diagnostics”** feature in the SmartThings app.
- This feature helps identify the cause of the problem and resolve it.

Supported wireless network specifications

- WPA3-Personal (AES) or WPA2/WPA3-Personal (AES) is recommended for wireless router security settings. If these settings are not supported, use WPA2-PSK (AES).
- Wireless communication protocols based on the IEEE 802.11 standards (a/b/g/n) are supported. Support for frequency bands (2.4 GHz or 5 GHz) and IEEE 802.11ac/ax protocols may vary by model.

NOTE

- Wireless network connection quality may vary depending on the wireless router and the surrounding environment.
- If firewall settings or MAC address registration is required, contact your Internet service provider.

SmartThings

Open Source Announcement

The software included in this product contains open source software. You may obtain the complete corresponding source code for a period of three years after the last shipment of this product by contacting our support team via <http://opensource.samsung.com> (Please use the “Inquiry” menu.)

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 open source license information as related to this product. This offer is valid to anyone in receipt of this information.

Security updates information

Security updates are provided to strengthen the security of your device and protect your personal information.

For more information on security updates, visit <https://security.samsungda.com>.

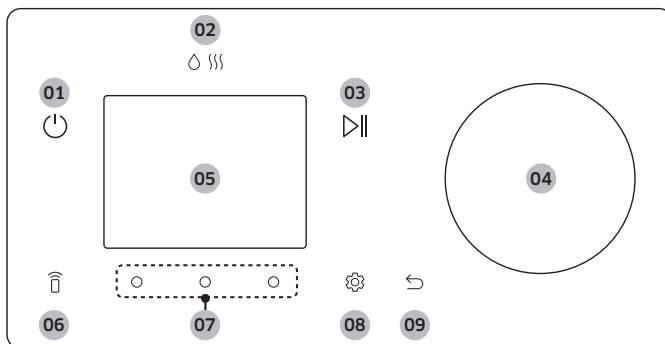
* The website supports only some languages.

Operations

⚠ WARNING

To reduce the risk of fire, electric shock, or injury to persons, read the **Safety information** section before operating this appliance.

Control panel overview



01	Power button	Tap to turn the appliance on or off. If no buttons are operated for 10 minutes while the power is on, the appliance turns off automatically.
02	Mode button	Tap to select the desired mode. Wash+Dry: Runs a washing process followed by a drying process. Wash: Runs a washing process followed by a drying process. Dry: Runs a drying process only.
03	Start/Pause button	Tap to start or pause an operation.
04	Navigation dial	Turn or press the Navigation dial to browse and select items shown on the display. - Turn the Navigation dial left or right to move through the menus. - Press the Navigation dial to confirm your selection.
05	Display	Shows information related to product operation, including the current status.
06	Smart Control button	Tap to turn the Smart Control function on or off. When the Smart Control function is turned on, you can control this appliance remotely using the SmartThings app on your smartphone or tablet (Android or iOS).
07	Options button	Tap to select the options shown above each button. Available options may vary depending on the selected cycle.

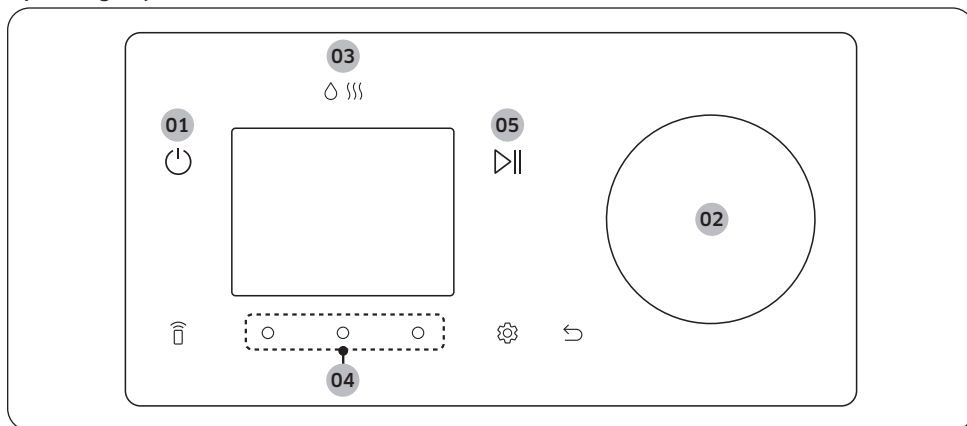
Operations

08	Settings button	Tap to access additional options and settings. Available options may vary depending on the selected cycle.
09	Return button	Tap to return to the previous screen.

Icon descriptions

	Smart Control	This icon indicates that the Smart Control is on.
	Wi-Fi	This icon indicates the signal strength when the Internet connection is active.
	Door Lock	- This icon indicates the door is locked and cannot be opened. - The door locks automatically during a cycle, and this icon turns on. - You can open the door when this icon disappears.

Operating a cycle



1. Tap to turn on the appliance.
2. Use the **Navigation dial** to select the desired cycle.
 - See the **Cycle overview** section for detailed description of each cycle.
3. Tap to select the desired mode.
 - **Wash+Dry**: Runs a washing process followed by a drying process.
 - **Wash**: Runs a washing process followed by a drying process.
 - **Dry**: Runs a drying process only.
4. Tap the **Options** button to change the default cycle options.
 - Up to three options are displayed according to priority. To see more available options, tap .
 - Available options vary depending on the selected cycle.
 - Depending on the selected cycle, some options are disabled for optimized performance and cannot be changed.
5. Tap to start the operation.
 - You can tap again to pause the operation.
 - Once you pause the operation, you can change the options by tapping the **Options** button or , or cancel the operation by tapping .

Operations

Cycle overview

 NOTE

- Energy savings will vary depending on loads and cycles.
- If you have finished the wash cycle with a lower Spin setting, the laundry might not be fully dried after the dry cycle. In this case, run the Time Dry cycle additionally.
- To ensure even drying results, you may need to reposition the items in the drum.
- Use the Towels cycle if you need to dry only the towels.

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. • Default energy cycle for drying: Normal
AI Opti Wash & Dry +	• The appliance detects the type, weight, and soil level of your laundry, and then selects the wash cycle settings accordingly. For example, the appliance will add more detergent*, washing time, and rinse count if your laundry is heavily soiled, and it will select appropriate settings to handle delicate items. - *: We recommend enabling the Auto Dispense function if you use the AI Opti Wash & Dry + cycle. Enable the Auto Dispense function if you want the appliance to adjust the detergent amount automatically according to the soil level of your laundry. - Based on internal testing using the AI Opti Wash & Dry + cycle on an IEC 8 lb load. A turbidity sensor operates for all weight while fabric sensing operates for 8lb and under. Actual results may vary depending on individual use.
Super Speed	• The shortened time may differ depending on the load/options. • For best performance, recommended load is 10 lb (4.5 kg) or lower.
Heavy Duty	• For sturdy, colorfast fabrics and heavily soiled items.
Small Load	• For lightly soiled items that you want to finish washing quickly. • For best performance, recommended load is 4 lb (2.0 kg) or lower.
Tide POD Cold	• The Tide POD Cold cycle provides deep cleaning as the detergent dissolves effectively even in cold water. • Appropriate for the household laundry loads when used with Tide Power PODs.
Delicates	• For sheer fabrics, bras, lingerie (silk), and other handwash-only fabrics. • Using specialty detergent in the Aqua Pebble or Flex auto dispenser is recommended.

Cycle	Description
Steam Whites	For white items. You can wash with or without bleach.
Steam Sanitize	- For colorfast fabrics and heavily soiled laundry, this cycle heats the supplied water over 60 °C (140 °F) to clean deeply. - If you stop running the cycle while the appliance is heating the water, the door remains locked for your safety.
Steam Normal	For washing everyday garments with steam.
Towels	For bath towels, washcloths, and mats.
Bedding	- For bulky items such as comforters, blankets, and sheets. - For best results, wash only 1 type of bedding. - For bulky items, use liquid detergent and do not roll the items in the drum because they might get stuck in the drum.
Activewear	- For exercise wear such as sports jerseys, training pants, shirts/tops and other performance clothing. This cycle provides effective soil removal with controlled drum rotation for special fabric care. - Using specialty detergent in the Aqua Pebble or Flex auto dispenser is recommended.
Wool	- Specific for machine-washable wool for loads less than 4 lb (2.0 kg). The Wool cycle features fine pulsating and soaking to protect the wool fibres from shrinkage/distortion. - Using specialty detergent in the Aqua Pebble or Flex auto dispenser is recommended.
Colors	This cycle washes items in low-temperature water to prevent discoloration.
Perm Press	For wash-and-wear, synthetic fabrics, and lightly to normally soiled items.
Eco Cold	For normally and lightly soiled items. This cycle uses only cold water to save energy. Cold water also helps prevent fabric damage.
Less Microfiber	Use this cycle to reduce the amount of microfibers generated during washing synthetic clothes.
Spin Only	To perform the spin process only.
Rinse+Spin	Features an additional rinse process after fabric softener is applied to the laundry.
Time Dry	You can set the cycle time from 20 minutes to 240 minutes.
Air Fluff	Tumbles the load in room temperature air.

Operations

Cycle	Description
Product Care	A care cycle that thoroughly cleans and dries the drum entrance and interior to maintain cleanliness. • Selecting the Wash mode (Drum Clean+) cleans the drum interior with water. Selecting the Dry mode (Self Dry) dries the drum interior. Selecting Wash+Dry mode performs both cleaning and drying in one cycle.  CAUTION Make sure the drum is empty before using this cycle. Never add detergent, as it may cause malfunctions.  NOTE • An alert message appears when this cycle needs to be performed. The message may appear periodically until you run the cycle and will automatically disappear after completion. • After running a cycle that includes the dry cycle, leave the door open for ventilation to help maintain hygiene inside the drum.

Cycle chart

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

Wash Cycle chart

● : factory setting, ○ : can be selected

Cycle	Functions				
	Temp.				
	Extra Hot	Hot	Warm	Cold	Tap Cold
Normal	○	○	●	○	○
AI Opti Wash & Dry +		○	●	○	○
Super Speed		○	●		
Heavy Duty	○	●	○	○	○
Small Load		○	●	○	○
Tide POD Cold				○	●
Delicates			○	○	●
Steam Whites		●			
Steam Sanitize	●				
Steam Normal		●			
Towels		○	●	○	○
Bedding			●	○	○
Activewear			●	○	○
Wool			●	○	○
Colors				●	
Perm Press			●	○	○
Eco Cold				○	●
Less Microfiber				○	●
Rinse+Spin					
Spin Only					
Product Care	●				

Operations

Cycle	Functions											
	Spin											
	Wash Only							Wash & Dry				
	Extra High	High	Medium	Low	Extra Low	Drain & No Spin	Rinse Hold & No Spin	Extra High	High	Medium	Low	
Normal	○	●	○	○		○	○	●				
AI Opti Wash & Dry +	○	●	○	○	○	○	○	●				
Super Speed	○	●	○	○	○	○	○	●				
Heavy Duty	●	○	○	○	○	○	○	●				
Small Load	●	○	○	○	○	○	○	●				
Tide POD Cold	○	●	○	○		○	○	●				
Delicates			●	○	○	○	○			●		
Steam Whites	○	●	○	○	○	○	○	●				
Steam Sanitize	○	●	○	○	○	○	○	●				
Steam Normal	○	●	○	○	○	○	○	●				
Towels	○	●	○	○	○	○	○	●				
Bedding			○	●	○	○	○			●		
Activewear				●	○	○	○			●		
Wool				●	○	○	○				●	
Colors	○	●	○	○		○	○	●				
Perm Press		○	○	●	○	○	○		●			
Eco Cold	○	●	○	○	○	○	○	●				
Less Microfiber	○	●	○	○		○	○			●		
Rinse+Spin	○	●	○	○	○	○	○	●				
Spin Only	○	○	○	○	○	●		●				
Product Care	●							●				

Cycle	Functions						
	Soil level					Bubble Soak	Extra Rinse
	Extra Heavy	Heavy	Normal	Light	Extra Light		
Normal	○	○	●	○	○	○	○
AI Opti Wash & Dry +			●			○	○
Super Speed	○	○	●	○	○		○
Heavy Duty	●	○	○	○	○	○	○
Small Load	○	○	○	○	●		○
Tide POD Cold	○	○	●	○	○	○	○
Delicates	○	○	●	○	○		○
Steam Whites	○	○	●	○	○	○	○
Steam Sanitize	○	○	●	○	○	○	○
Steam Normal	○	○	●	○	○	○	○
Towels	○	○	●	○	○	○	○
Bedding	○	○	●	○	○	○	○
Activewear	○	○	●	○	○	○	○
Wool			●				
Colors	○	○	●	○	○	○	○
Perm Press	○	○	●	○	○	○	○
Eco Cold	○	○	●	○	○	○	○
Less Microfiber	○	○	●	○	○	○	
Rinse+Spin							○
Spin Only							
Product Care			●				

Operations

Dry Cycle chart

 NOTE

For best results, follow the load size recommendations for each dry cycle.

- Large load: Fill the drum to about $\frac{3}{4}$ full. Do not add items over this level as they need to tumble freely.
- ◐ Medium load: Fill the drum to about $\frac{1}{2}$ full.
- Small load: Fill the drum with 3-5 items, not more than $\frac{1}{4}$ full.

Cycle	Recommended items	Load size	Dry level
Normal	Cotton, mixed loads of cotton and synthetic fabrics	●	Normal
AI Opti Wash & Dry +	Cotton, mixed loads of cotton and synthetic fabrics	●	Normal
Super Speed	Synthetic fabrics	○	Normal
Heavy Duty	Heavy fabrics such as jeans, corduroys, heavy work clothes	◐	Normal
Small Load	Small loads	○	Normal
Tide POD Cold	Cotton, mixed loads of cotton and synthetic fabrics	●	Normal
Delicates	Underwear, lingerie	○	Less
Steam Whites	Cotton, mixed loads of cotton and synthetic fabrics	●	More
Steam Sanitize	Bedding, curtains, children's clothing	●	More
Steam Normal	Cotton, mixed loads of cotton and synthetic fabrics	●	More
Towels	Bath towels and similar items	◐	Normal
Bedding	Blankets, sheets, comforters, pillows	◐	Normal
Activewear	Exercise wear, sports jerseys	○	Less
Wool	For machine washable and tumble dryable wool only	○	Damp
Colors	Cotton, mixed loads of cotton and synthetic fabrics	●	Normal
Perm Press	Wrinkle-free cotton, synthetic fabrics	○	Less
Eco Cold	-	●	Normal
Less Microfiber	The drying process is off as a default setting.	-	-
Time Dry	Any load	●	-
Air Fluff	All types of fabric	○	-
Product Care	-	-	-

● : factory setting, ○ : can be selected

Cycle	Functions						
	Dryness				Dry Time	Dry Prep	Wrinkle Prevent
	More	Normal	Less	Damp			
Normal	○	●	○	○		○	○
AI Opti Wash & Dry +	○	●	○	○		○	○
Super Speed	○	●	○	○		○	○
Heavy Duty	○	●				○	○
Small Load	○	●	○	○		○	○
Tide POD Cold	○	●	○	○		○	○
Delicates		○	●	○		○	○
Steam Whites	○	●	○	○		○	○
Steam Sanitize	●					○	○
Steam Normal	○	●	○	○		○	○
Towels	○	●				○	○
Bedding	○	●				○	○
Activewear		○	●	○		○	○
Wool				●		○	
Colors	○	●	○	○		○	○
Perm Press		○	●	○		○	○
Eco Cold	○	●	○	○		○	○
Less Microfiber	○	●	○	○		○	○
Time Dry					○	○	○
Air Fluff					○	○	○
Product Care					○		

Operations

Using additional options

After selecting a cycle, tap  to adjust the additional options.

 NOTE

Available options may vary depending on the selected cycle.

Options	Descriptions
Add garment	You can add a garment after a cycle has started when this option is displayed in the list. Press the Navigation dial to pause operation and unlock the door so that you can add a garment. After adding the garment, tap ▷ to resume the operation.
Spin	You can select the desired spin level. The available spin levels may vary depending on the selected cycle.
Bubble soak	You can turn the Bubble soak option on or off. - When this option is on, laundry is soaked in bubbles before washing to help remove stubborn stains. - This option may not be available depending on the selected cycle.
Wrinkle prevent	You can turn the Wrinkle prevent option on or off. - You can use this option if the laundry cannot be removed immediately after the drying process. - When this option is on, the drum rotates periodically after the drying process ends to help reduce wrinkles. - This option remains active for up to 3 hours after the drying process is completed, and you can remove the laundry at any time while this option is on. - This option may not be available depending on the selected cycle.
Damp alert	You can turn the Damp alert option on or off. - You can use this option to be notified when laundry suitable for ironing is ready during the drying process. - When the alert sounds during the drying process, tap ▷ to pause operation. Open the door, remove the laundry you want to iron, close the door, and then tap ▷ to continue drying the remaining laundry.
General detergent	You can select the amount of detergent to be automatically dispensed.
Specialty detergent	 NOTE The displayed option may vary depending on the selected cycle and the Auto dispensers settings.

Options	Descriptions
Softener	You can select the amount of fabric softener to be automatically dispensed.  NOTE This option is displayed only when the Type of the Flex auto dispenser is set to Softener in Settings > Auto dispensers.
Dry prep	You can turn the Dry prep option on or off. • After the washing process is completed and before the drying process starts, the appliance pauses operation so that you can remove items that are not suitable for drying. • Large or flat items, such as towels, may stick to the drum wall after spinning or block the rear drum holes (air circulation holes). Rearrange the laundry before the drying process starts. • This option is available only if you have selected the Wash+Dry mode. • If no selection is made within 10 minutes after a pop-up message appears, the drying process starts automatically.
Delay end	You can set the time when the cycle will finish. • The actual end time may vary depending on water supply conditions and water temperature. • This option is cancelled if you change the selected cycle after setting it.
Lock	You can turn the Lock option on or off to prevent unintended operation. • When this option is on, the controls and the door are locked for safety. • You can turn this option on or off for any selected cycle.  NOTE • To add laundry while this option is on, turn the option off first. • When this option is on, the door does not open even after the cycle ends. Press the Navigation dial and follow the on-screen instructions to turn off the option, and then remove the laundry.
Drum light	You can manually turn the light inside the drum on or off.

Operations

Using Settings

1. Tap  to turn on the appliance.
2. Tap , and then turn the **Navigation dial** to select **Settings**.
3. Press the **Navigation dial** to enter the Settings menu.
4. Select the desired menu, and then change the setting or start the function.

 NOTE

The order of settings may vary depending on the model, and functions may be changed without notice to improve performance.

Menu	Descriptions
Auto dispensers	You can change settings related to the Auto dispenser and the Flex auto dispenser. • On/Off: You can turn the selected dispenser on or off. - When set to Off, the corresponding detergent or softener is not dispensed automatically. • Type: You can check or select the detergent type for the dispensers. - Auto dispensers: The type is set to General detergent, which cannot be changed. - Flex auto dispenser: You can select the desired type of detergent or softener. • Concentration: You can change the concentration level of the selected detergent or softener.  NOTE After completing the settings for each dispenser, you can adjust the dispensing amount in the cycle options.
Pump clean	You can use this function to clean detergent or softener residue buildup in the pump. • You can select the desired dispenser(s) from the list. • Use this function after you empty and clean the dispenser. • Pour water up to the MAX line, and then tap .  NOTE During the pump cleaning process, the drum rotates to drain water. When the pump cleaning process is complete, the water inside the dispenser(s) will drain automatically.
AI pattern	You can set the appliance to automatically recommend suitable cycles based on usage patterns, weather conditions, and the season. • The appliance learns your usage pattern and remembers frequently used cycles as well as detailed option settings. • If you turn this function off and then back on, previously learned cycle and option data are restored automatically.

Menu	Descriptions
My cycles	You can edit the cycle list to display only the desired cycles. Some cycles cannot be removed from the list.
Freeze protection	You can use this function to protect the inside of the appliance from freezing in the cold season. - This function does not operate if the door is open or if there is laundry in the drum. - The water supply hose must be connected to the appliance and the water tap. - The appliance repeatedly supplies and drains water for 16 hours and automatically stops.  CAUTION - Freeze protection performance may decrease depending on the installation environment. - If the cold weather lasts long, you must also pay attention to the drainage as it may freeze and clog. - If the drain backflows, disconnect all the hoses and remove the water from the drain filter.
Calibration	You can calibrate the weight sensor for accurate load detection. - The function does not start if the door is not closed properly. - Empty the drum before using this function.
Wi-Fi	You can turn the Wi-Fi on or off. Once you turn on the appliance's Wi-Fi and connect to a network, the appliance remains connected to the network even when you turn off the power.
Easy connection	You can easily install the SmartThings app using the displayed QR code on the screen. You can connect to the SmartThings app and control the appliance remotely.
Volume	You can adjust the volume for system and media sounds. The alert sound will not be muted even if you set the volume to Mute.
Language	You can select the system language.
Restart and reset	You can reset the network settings, reset the entire system settings, or restart the appliance.
Remote support	You can start the remote support service. The remote support service allows Samsung Customer Service to remotely check the appliance and help resolve issues when a problem occurs.

Maintenance

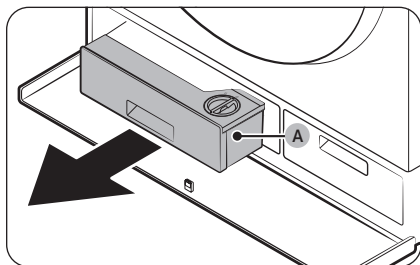
Keep the Laundry Combo clean to prevent deteriorated performance and to preserve its life cycle.

⚠ WARNING

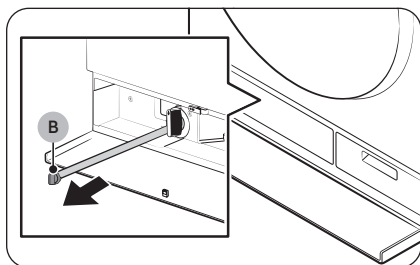
- Certain internal parts are intentionally not grounded and may present a risk of electric shock only during servicing. Service personnel – Do not contact the following parts while the appliance is energized: Control board, heat sink, motor, inlet valve and pump.
- Sharp Edges - To reduce the risk of injury, use care when cleaning the condenser or evaporator coil fins.

Emergency drain

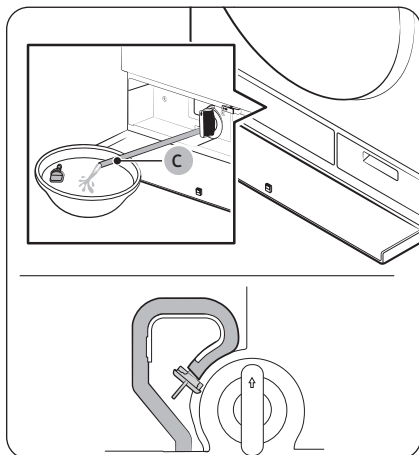
In case of a power failure, drain the water inside the drum before taking out the laundry.



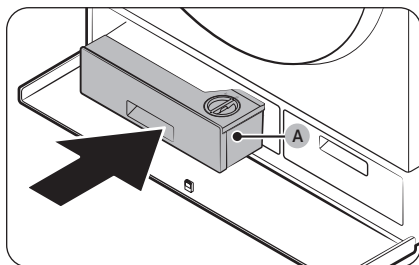
1. Turn off the appliance, and unplug the power cord.
2. Press the Compartment cover to open it.
3. Pull out the **Auto dispenser (A)**.



4. Hold the **tube cap (B)** and pull out the emergency drain tube from its slot.



5. Place a large, empty container under the **emergency drain tube (C)**, then remove the tube cap to drain the water into the container.
 - To make it easier to remove the tube cap, twist it gently while pulling it out.
6. When draining is complete, reinsert the tube cap and place the emergency drain tube back into the slot.



7. Insert the **Auto dispenser (A)** back into the place.
8. Close the Compartment cover.

NOTE

Use a large, empty container, as the amount of water in the drum may be greater than expected.

Maintenance

Cleaning

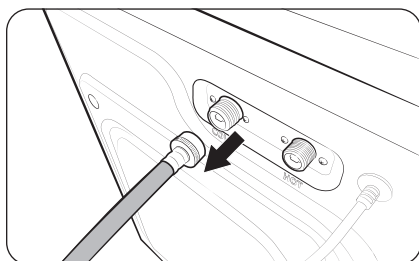
Keep the appliance clean to maintain optimal performance and extend its service life.

Surface of the appliance

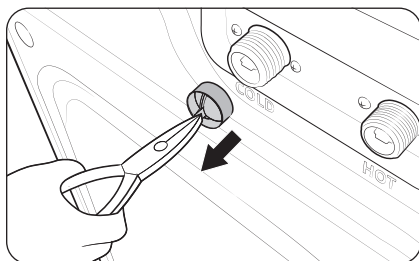
Use a soft cloth with a nonabrasive household detergent. Do not spray water onto the appliance.

Mesh filter

Clean the mesh filters in the water inlets once or twice a year.



1. Turn off the appliance, and unplug the power cord.
2. Close the water tap.
3. Disconnect the water hose by loosening it from the water inlet at the back of the appliance.
 - Cover the end of each hose with a cloth or towel to prevent water from gushing out.



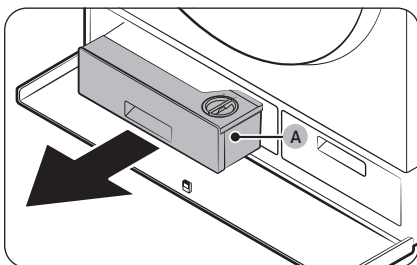
4. Use pliers to pull out the mesh filter from the water inlet.
5. Soak the mesh filter in water and clean it gently with a soft brush.
6. Dry the mesh filter completely in the shade.
7. Reinsert the mesh filter into the water inlet, and reconnect the water hose to the water inlet.
8. Open the water tap.

NOTE

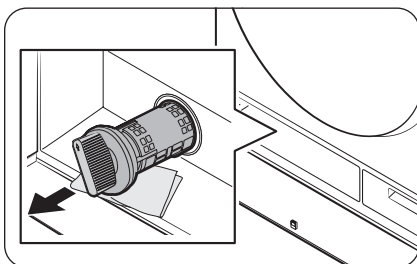
- If the mesh filter is clogged, an information code of "4C" appears on the screen.
- Clean the mesh filter more frequently if the water is supplied by an aged water system or a well.

Drain filter

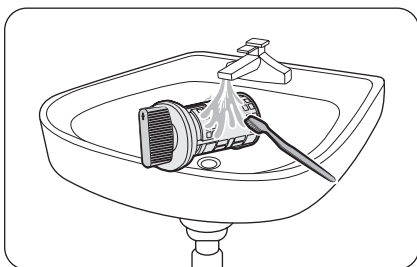
Clean the drain filter every 2 months to prevent clogging.



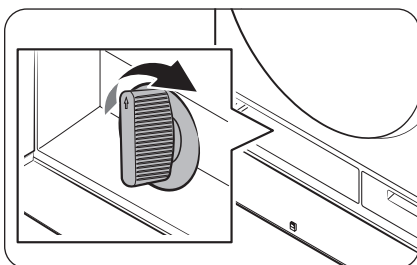
1. Turn off the appliance, and unplug the power cord.
2. Press the Compartment cover to open it.
3. Pull out the **Auto dispenser (A)**.
4. Drain the remaining water inside the drum. (For more information, see the **Emergency drain** section on page 56.)



5. Turn the drain filter knob to the left and remove it.
 - Place a cloth or a shallow container on the floor to catch any remaining water.



6. Clean the drain filter using a soft brush. While the drain filter is removed, make sure the impeller inside the drain pump is free of debris.

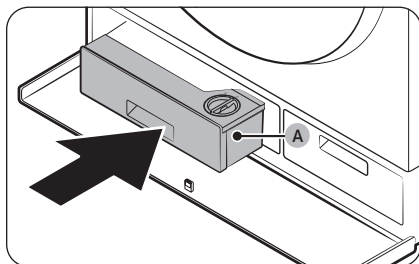


7. Reinsert the drain filter, and turn the filter knob to the right.

NOTE

Some drain filters feature a safety knob that is designed to prevent accidents by children. To open the safety knob of the drain filter, push in and turn it to the left. The spring mechanism of the safety knob helps open the filter.

Maintenance



8. Insert the **Auto dispenser (A)** back into the place.
9. Close the Compartment cover.

NOTE

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

CAUTION

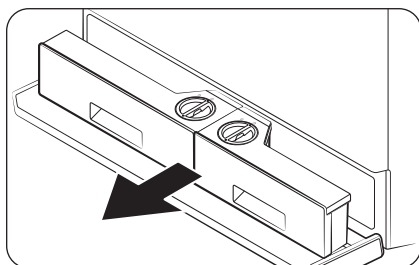
Make sure the filter is inserted properly after cleaning it. Otherwise, this may cause an operational failure or a leak.

Automatic dispensers

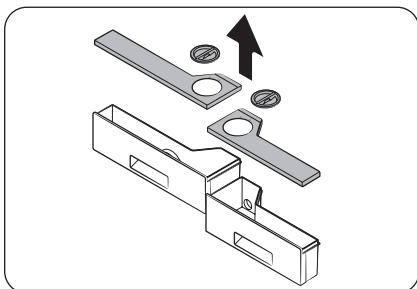
To prevent the detergent residue buildup in the automatic dispensers, clean the dispensers and their components once or twice a month, and whenever you refill or change the detergent or softener.

CAUTION

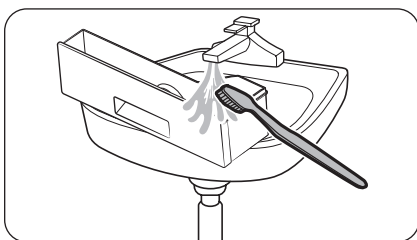
- Make sure to turn off the appliance and unplug the power cord before cleaning.
- If you are not going to use the appliance for a long time, empty the dispensers and clean them thoroughly.



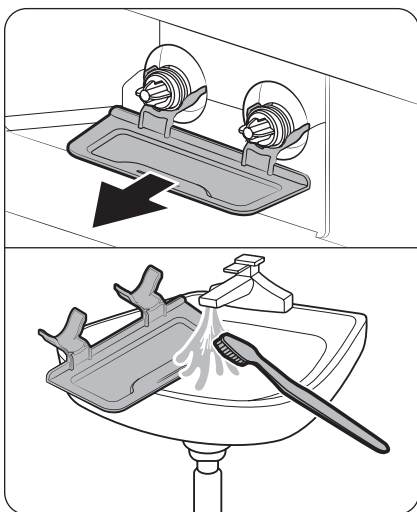
1. Press the Compartment cover to open it.
2. Pull out the automatic dispensers.



3. Remove the lids of both dispensers.

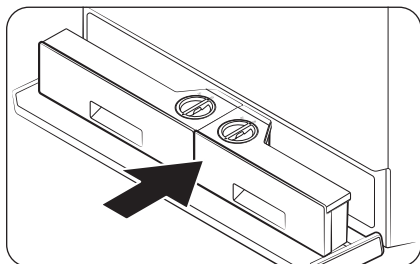


4. Clean the dispensers and all the other components under warm running water with a soft brush.
- Wipe all components with a dry towel or cloth after cleaning



5. Remove the dispenser tray and clean it in running water to remove leaked detergent or softener. Then, put the tray back.

Maintenance



6. Insert the automatic dispensers back into their places.

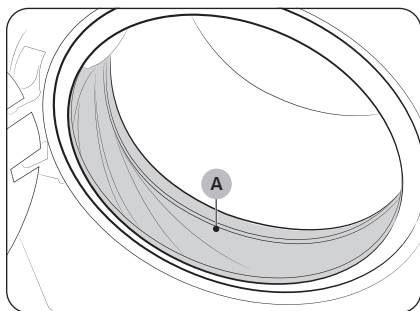
⚠ CAUTION

- Make sure the dispenser recess is completely dry before inserting automatic dispensers.
 - Tightly attach the lids of both dispensers before inserting them back.
 - If the Compartment cover is not tightly closed, detergent may leak. Make sure the automatic dispensers are fully pushed in.
7. Close the Compartment cover.

⚠ CAUTION

Do not spray water into the dispenser recess. It may cause electronic shock or fire.

Door diaphragm



1. Open the door, and then empty the drum.
2. Mix 3/4 cup of liquid chlorine bleach and 1 gallon of warm tap water.
3. Wearing rubber gloves, use a soft, clean cloth soaked in the water and bleach solution to clean the diaphragm.
4. Let it stand for 5 minutes, then wipe it dry thoroughly.

⚠ CAUTION

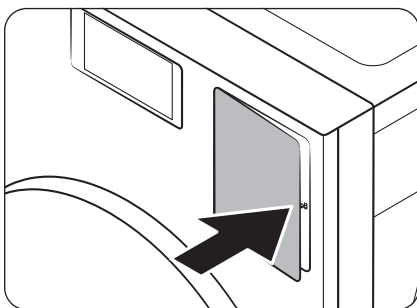
Use bleach carefully and be sure to follow the bleach manufacturer's instructions for use and care.

Heat exchanger

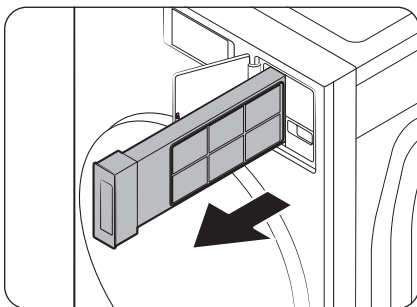
A dirty heat exchanger will hinder the product's performance and should be cleaned regularly. An alert message appears every 180 uses to inform you to clean the heat exchanger. Clean the heat exchanger when you see the alert message.

NOTE

- Water droplets can form around the heat exchanger because of the condensation caused by a temperature difference. This is normal and is not a sign of a leak.
- If you do not plan to use the appliance for an extended period, open the lint filter cover to allow ventilation.

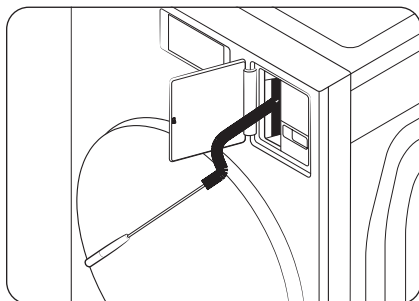


1. Press the right side of the lint filter cover to open it.



2. Pull out the lint filter.

Maintenance



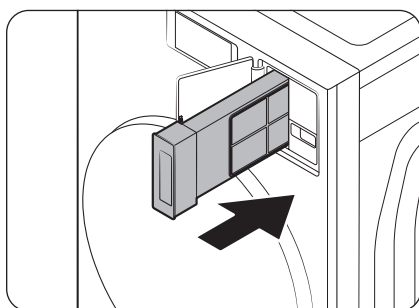
3. Clean the heat exchanger using an appliance brush.
 - After cleaning with a brush, use a vacuum with a crevice tool to remove any remaining debris. Then wipe down the outer area with a damp cloth.

CAUTION

- To avoid physical injury and burns, do not touch or clean the heat exchanger with bare hands.
- When cleaning the heat exchanger, be careful not to damage the fins.

NOTE

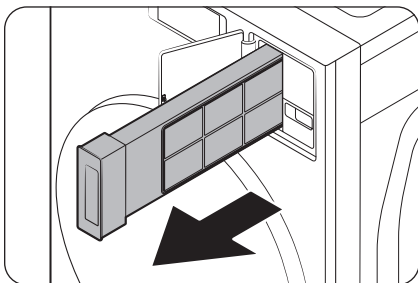
If the heat exchanger is difficult to clean because it is completely dry, spray some water onto it and use a brush to clean it.



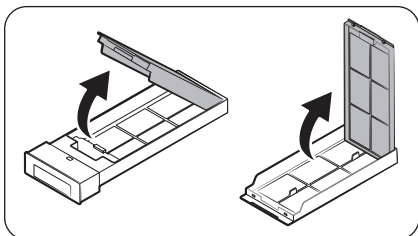
4. Insert the lint filter back into the place, and then close the lint filter cover.

Lint filter

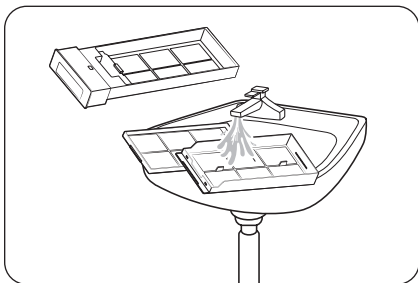
You must clean the lint filter every time after using the dry cycle. Not cleaning the lint filter could degrade the drying performance and affect the drying time.



1. Open the lint filter cover.
2. Pull out the lint filter.
 - Do not remove the rubber seal on the lint filter.

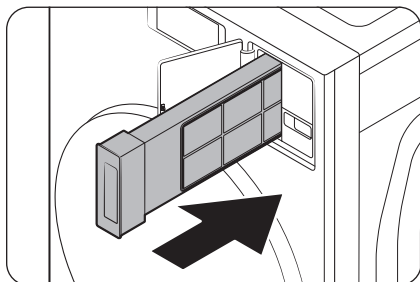


3. Open the outer filter, and then remove the inner filter.



4. Remove lint on both inner and outer filters. Then, wash the filters in running water and completely dry the filters in a shade.

Maintenance



5. Put the inner filter into the outer filter in the correct direction.
6. Insert the assembled lint filter back into the place.

CAUTION

- Clean the lint filter after each load. Otherwise, the drying performance may decrease.
- If the filter surface is wet, allow it to completely dry before use.
 - Inserting the filter while it is wet may lead to the development of mould, unpleasant odours, or resulting in less efficient drying.
- When cleaning or removing the lint filter, do not shake or tap on the filter. Doing so can damage the filter.
- Opening the outer and inner filters carelessly and with excessive force can damage the filters.

Defrosting the appliance

The appliance may freeze when the temperature in its location drops below 0 °C.

1. Turn off the appliance, and unplug the power cord.
2. Pour warm water over the water tap to loosen the water hose.
3. Disconnect the water hose, and then 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 appliance still does not operate normally, repeat the steps above.

Care against an extended time of disuse

Avoid leaving the appliance unused for an extended time. However, if you do not plan to use the appliance for an extended period, follow the directions below:

1. Tap .
2. Select the **Rinse+Spin** cycle.
3. Empty the drum, and then tap .
4. When the cycle is complete, close the water taps and disconnect the water hoses.
5. Turn off the appliance, and unplug the power cord.
6. Open the door to let air circulate through the drum.

Troubleshooting

If a problem persists, contact a service centre. The number of the service centre is on the label attached to the product.

Checkpoints

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

Problem	Action
Does not start.	• Make sure the appliance is plugged in. • Make sure the door is properly closed. • Make sure the water taps are open. • Tap ▷ to start the operation. • Make sure Lock is not activated. • Before the Laundry Combo starts to fill, it will make a series of clicking noises to check the door lock and will do quick drain. • Check the fuse or reset the circuit breaker. • Check if power is supplied properly. • Check if the power cord is plugged in. • Make sure laundry is not caught in the door. • Clean the filter.
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. • Make sure that the cold water tap and the hot water tap are properly connected. • Clean the mesh filter as it may be clogged.
Excessive vibrations or makes noise.	• Make sure the appliance 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 appliance. • Make sure the shipping bolts are removed. • Make sure the appliance is not in contact with any other object. • Make sure the laundry load is balanced. • The motor can cause noise during normal operation. • Overalls or clothes with metallic decorations 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 drain filter. • The spinning process is not performing properly because there is not enough laundry or the load is unbalanced. - Add more laundry or redistribute the items, then tap Start to restart the washer. Or, turn off the product and turn it back on after 2-3 minutes, then try again.

Problem	Action
Does not drain or spin.	• Make sure the drain hose is not kinked between the unit and drain system. If you encounter a drain problem, call for service. • Make sure the drain filter is not clogged. • 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 appliance is not supplied with sufficient power, it will not drain or spin temporarily. As soon as the appliance regains sufficient power, it will operate normally. • Make sure the drain hose is positioned correctly, depending on the connection type. • Clean the drain filter as it may be clogged.
The door does not open.	• Tap  to stop the appliance. – It may take a few moments for the door lock mechanism to disengage. • 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  icon is off. The door does not open if the  icon is on. • Restart the appliance.
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.
Stops.	• Plug the power cord into a live electrical outlet. • Check the fuse or reset the circuit breaker. • Close the door, and tap  to start the operation. For your safety, the appliance will not tumble or spin unless the door is closed. • Before the appliance starts to fill, it will make a series of clicking noises to check the door lock and will do quick drain. • There may be a pause or soak period in the cycle. Wait until the appliance resumes operation. • Make sure the mesh filter in the water inlet is not clogged. Clean the mesh filter regularly. • If the appliance is not supplied with sufficient power, it will not drain or spin temporarily. As soon as the appliance regains sufficient power, it will operate normally.

Troubleshooting

Problem	Action
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 of 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 appliance fills, the water temperature may change as the automatic temperature control feature checks incoming water temperature. This is normal. - While the appliance 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 appliance 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.
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. - 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.
Items still wrinkled after Wrinkle Prevent (Wrinkle Away, Wrinkle Release)	- Small loads of 1 to 4 items work best. - Load fewer items. Load similar-type items. - Take out the items immediately after drying is complete.

Problem	Action
The clothes have lint on them.	- Always make sure the lint filter is clean before putting items into the appliance. When drying items that generate a large amount of lint, you may need to clean the lint filter in the middle of a cycle. - Some fabrics (such as white towels) causes more lint and should be dried separately from fabrics that lint attaches easily (such as black linen pants). - Check the inside of the pockets to make sure they are empty before drying.
Items are not dried.	Check all of the above. Additionally: - Do not overload the appliance. Overloading could take longer for items to dry. - Dry heavy fabrics separately from light fabrics. - The item(s) are too small and may not get enough spinning inside the drum. - Clean the filter. - Clean the heat exchanger. - Make sure the water is draining properly.
Items are not dried evenly.	- Seams, pockets, and other parts of clothing are harder to dry than others. This is normal. - Sort heavy and light items separately.
Has odours.	- Excessive suds collect in recesses and can cause foul odours. - Use the Product Care cycle regularly to keep the drum clean. - Clean the door seal (diaphragm). - Do not attempt to dry wet items after leaving them in the Laundry Combo for a long time. - The appliance circulates ambient air inside and outside during the drying process to cool the system. Using the drying in a poorly ventilated area may, depending on the operating environment, raise the ambient humidity level and cause a damp, soggy smell to develop. Ensure proper ventilation when using the drying. - Dry the interior of the appliance after finishing a cycle.
The "Needs refill" message does not disappear after refilling the detergent/softener.	- After refilling the automatic dispensers, wait for the appliance to detect the detergent or softener as it takes some time. - Detection time varies depending on the type of detergent or softener.

Troubleshooting

Problem	Action
Detergent/softener is not dispensed.	- Make sure the automatic dispensers are on. - Tap , and then select Settings > Automatic dispensers. Then, select Auto dispenser or Flex auto dispenser, and set it to On. - Make sure the amount option is not set to Off. - Tap , and then select General detergent / Specialty detergent or Softener. Then, change the setting if it is set to Off. - Detergent is not automatically dispensed in some cycles unless the Type setting for the Flex auto dispenser is set to Specialty detergent. - Use the Aqua Pebble to apply detergent. - To use the automatic dispenser, tap , and then select Settings > Automatic dispensers > Flex auto dispenser > Type > Specialty detergent. - Check if the Amount option for Auto dispenser or Flex auto dispenser is set to Off. The automatic dispensers do not dispense the detergent if the option is set to Off. - Tap , select Auto dispenser or Flex auto dispenser, and then change the Amount option. - The automatic dispensers are disabled in the Delicates, Activewear, or Wool cycles. To dispense detergent in those cycles, tap Settings, select Auto dispenser or Flex auto dispenser, and then change the Amount option.
An Excessive or insufficient amount of detergent/softener is dispensed.	- Adjust the amount option. - Tap , and then select General detergent / Specialty detergent or Softener. Then, change the setting as necessary.
Screen retention occurs while using the LCD screen.	When the temperature around the appliance is low, screen retention may occur while using the LCD. It will function normally when the temperature rises.

If a problem persists, contact a service centre. The number of the service centre is on the label attached to the product.

Information codes

If there is any problem, check the information message on the LCD screen and follow the on-screen instructions.

Problem	Code	Action
Check drainage	5C	- The Laundry Combo isn't draining properly. - Clean the drain filter, then tap Start to restart the Laundry Combo. Or, turn it off and on again after 2-3 minutes, then try again.  NOTE If you perform the Condenser Cleaning function without connecting the water supply hose, you may see the 5C code on the LCD display. In this case, please check the drainage and water supply status.
Check water supply	4C	- Water isn't being supplied properly. - Check the faucets, then tap Start to restart the Laundry Combo. Or, turn it on and off again after 2-3 minutes, then try again.
Please connect the hot/cold water hose connection correctly	4C2	- The water is too hot. Some fabrics need to be protected. - Check if the water supply hoses are properly connected, then tap Start to restart the Laundry Combo. Or, turn it off and on again after 2-3 minutes and try again.
Incorrect button state	BC2	- A button on the Laundry Combo is still pressed in. - Turn off the Laundry Combo, then turn it on again after 2-3 minutes and try again.
Open the door and evenly distribute the load	UB	- The spinning process is not performing properly because there is not enough laundry or the load is unbalanced. - Add more laundry or redistribute the items, then tap Start to restart the washer. Or, turn off the product and turn it back on after 2-3 minutes, then try again.
Waterproof items detected	UB1	- Your laundry contains waterproof items. - Remove those items, then tap Start to restart the Laundry Combo. Or, turn it off and on again after 2-3 minutes, then try again.
Door is open	DC	The door is open. Close it and try again.

Troubleshooting

Problem	Code	Action
The door switch lock/ unlock is not working properly.	DC1	• Turn off the Laundry Combo, then turn it on again after 2-3 minutes and try again.
		• The door switch isn't working properly. • Check for foreign substances around the door, then push the door closed and try again.
Check filter is inserted correctly	NC	• Check if the filter is inserted correctly, then tap Start to restart the Laundry Combo. Or, turn it off and on again after 2-3 minutes, then try again.

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

Appendix

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

	Ex Hot
	Hot
	Warm
	Cold

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

Iron dry or steam temperatures

	High
	Medium
	Low

Appendix

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.

Specifications

* : Asterisk indicates a variable character that may be (0-9) or (A-Z) depending on the model variant.

Type			Front loading washer
			WD80H53*H*
Capacity (Cu.ft)			5.3
Water pressure (psi (kPa))			20-116 (137-800)
NET weight (lb (kg))			317 (144.0)
Spin revolution			1150 rpm
Heating rating			900 W
Power consumption	Washing	120 V	200 W
	Washing and heating		1400 W
	Spin		550 W
	Drain		80 W

NOTE

- The design and specifications are subject to change without notice for quality improvement purposes.
- You can fill the tub with dry, unfolded clothes, but DO NOT OVERLOAD the tub.

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:

Parts and labor : One (1) year

Washing DIT (Digital Inverter Motor) motor part (Part Only):

- Ten (10) years

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.

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.

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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/support

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

Please contact your Samsung call agent for help with any of these issues.

Warranty (CANADA)

NOTICE TO QUEBEC CONSUMERS – Warranty of Availability of Replacement Parts, Repair Services, and Maintenance and Repair Information

Replacement Parts

Although Samsung Canada will use reasonable efforts to make replacement parts available to customers (subject to availability and applicable lead times), Samsung Canada **does not guarantee** the availability of replacement parts within the meaning of the warranty of availability set out in sections 39 (paragraph 3), 39.1 and 39.2 of the Quebec Consumer Protection Act.

To purchase replacement parts and tools for self-repair, please visit:

samsung.com/ca/support/buy-certified-parts

Repair Services

Although Samsung Canada offers repair services for Samsung products through Samsung Authorized Service Centers located in most major urban centers (defined as a city in Canada with a population equal or greater than 50,000) across Canada, Samsung Canada **does not guarantee** the availability of any repair services within the meaning of the warranty of availability set out in sections 39 (paragraph 3), 39.1 and 39.2 of the Quebec Consumer Protection Act in all locations, cities, or regions in Quebec.

To find your nearest Samsung Authorized Service Center, please visit:

samsung.com/ca/support/service-center

Information for Maintenance or Repair

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Memo

Memo

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