

Laundry Hub

User manual

WH53DBH7****/WH46DBH50*** /WH46DBH55***

SAMSUNG

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Safety information

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

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



Read the instructions

These warning signs are here to prevent injury to yourself and others.

Please follow them explicitly.

After reading this manual, store it in a safe place for future reference.

Read all instructions before using the appliance.

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

SAVE THESE INSTRUCTIONS

IMPORTANT SAFETY INSTRUCTION

WARNING

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

For washer

1. Read all instructions before using the appliance.
2. Do not wash or dry articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry-cleaning solvents, other flammable or explosive substances as they give off vapors that could ignite or explode.
3. Do not allow children to play on or in the appliance. Close supervision of children is necessary when the appliance is used near children.
4. Before the appliance is removed from service or discarded, remove the door to the washing or drying compartment.
5. Do not reach into the appliance if the drum is moving.
6. Do not install or store this appliance where it will be exposed to the weather.
7. Do not tamper with controls.
8. Do not repair or replace any part of the appliance or attempt any servicing unless specifically recommended in the user-maintenance instructions or in published user-repair instructions that you understand and have the skills to carry out.
9. Do not add gasoline, dry-cleaning solvents, or other flammable or explosive substances to the wash water. These substances give off vapors that could ignite or explode.
10. Under certain conditions, hydrogen gas may be produced in a hot water system that has not been used for 2 weeks or more. **HYDROGEN GAS IS EXPLOSIVE.** If the hot water system has not been used for such a period, before using a washer or combination washer-dryer, turn on all hot water faucets and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. As the gas is flammable, do not smoke or use an open flame during this time.

SAVE THESE INSTRUCTIONS

Safety information

For dryer

1. Read all instructions before using this appliance.
2. Do not dry articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry-cleaning solvents, or other flammable or explosive substances, as they give off vapours that could ignite or explode.
3. 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.
4. Before the appliance is removed from service or discarded, remove the door to the drying compartment.
5. Do not reach into the appliance if the drum is moving.
6. Do not install or store this appliance where it will be exposed to the weather.
7. Do not tamper with controls.
8. Do not repair or replace any part of the appliance or attempt any servicing unless specifically recommended in the user-maintenance instructions or in published user-repair instructions that you understand and have the skills to carry out.
9. Do not use fabric softeners or products to eliminate static unless recommended by the manufacturer of the fabric softener or product.
10. Do not use heat to dry articles containing foam rubber or similarly textured rubber-like materials.
11. Clean lint screen before or after each load.
12. Keep area around the exhaust opening and adjacent surrounding areas free from the accumulation of lint, dust, and dirt.
13. The interior of the appliance and exhaust duct should be cleaned periodically by qualified service personnel.
14. 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.
15. Do not use replacement parts that have not been recommended by the manufacturer (e.g. parts made at home using a 3D printer).
16. (For Heat pump Clothes dryer) Sharp Edges – to reduce the risk of injury, use care when cleaning the condenser or evaporator coil fins

SAVE THESE INSTRUCTIONS

WARNING - Risk of Fire

- Clothes dryer installation must be performed by a qualified installer.
- Install the clothes dryer according to the manufacturer's instructions and local codes.
- Do not install a clothes dryer with flexible plastic venting materials. If flexible metal (foil type) duct is installed, it must be of a specific type identified by the appliance manufacturer as suitable for use with clothes dryers. Flexible venting materials are known to collapse, be easily crushed, and trap lint. These conditions will obstruct clothes dryer airflow and increase the risk of fire.
- Do not install a booster fan in the exhaust duct.
- To reduce the risk of severe injury or death, follow all installation instructions.
- Save these instructions.

SAVE THESE INSTRUCTIONS

Safety information

WARNING - To reduce the risk of fire or explosion:

- Do not dry items that have been previously cleaned, washed, soaked, or spotted with gasoline, dry cleaning solvents, or other flammable or explosive substances. They emit vapors that could ignite or explode. Any material that has been in contact with a cleaning solvent or flammable liquids or solids should not be placed in the dryer until all traces of these flammable liquids or solids and their fumes have been removed. There are many highly flammable items used in homes, such as acetone, denatured alcohol, gasoline, kerosene, some liquid household cleaners, some spot removers, turpentine, waxes, and wax removers.
- Items containing foam rubber (which may be labeled latex foam) or similarly textured rubberlike materials must not be dried on a heat setting. Heated foam rubber materials can, under certain circumstances, ignite spontaneously.

SAVE THESE INSTRUCTIONS

WARNING - Fire or explosion hazard

- Failure to follow safety warnings exactly could result in serious injury, death or property damage.
- Do not store or use gasoline or other flammable vapors and liquids near this or any other appliance.
- Installation and service must be performed by a qualified installer, service agency, or the gas supplier.
- Do not install a booster fan in the exhaust duct.

WARNING - What to do if you smell gas:

- Do not try to light any appliance.
- Do not turn on the appliance.
- Do not touch any electrical switch.
- Do not use any phone in your building.
- Clear the room, building or area of all occupants.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

CALIFORNIA PROPOSITION 65 WARNING

WARNING

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

SAVE THESE INSTRUCTIONS

Safety information

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.
- 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.

SAVE THESE INSTRUCTIONS



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.

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.

SAVE THESE INSTRUCTIONS



Safety information

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 Hub before using it.

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

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

Do not open the door (of the washer or dryer) by force while operating.

- Water flowing out of the washer may result in burns or cause the floor to be slippery. This may result in injury.
- Opening the door by force may result in damage to the 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 Hub while it is operating.

- This may result in injury.

SAVE THESE INSTRUCTIONS

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.

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 Hub, which may result in electric shock, fire, or injury.

Usage cautions

CAUTION

When the Laundry Hub is contaminated by a foreign substance such as detergent, dirt, food waste, etc., unplug the power cord and clean the Laundry Hub 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 Hub.

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

SAVE THESE INSTRUCTIONS

Safety information

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

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

Turn the water supply off when the Laundry Hub 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.

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 Hub.

- 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 washing machine, walls, floor, or clothing due to abnormal vibrations.

SAVE THESE INSTRUCTIONS

-
- Do not wash throw rugs or doormats with rubber backing. The rubber backing may come off and stick to inside the drum, and this may result in malfunction such as a drainage error.

Do not operate the washer when the detergent drawer is removed.

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

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

- This may result in burns.

Do not 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.

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

- This may result in damage to the Laundry Hub, 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 Hub.

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

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

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

SAVE THESE INSTRUCTIONS

Safety information

Do not wash large laundry items such as bedding in the washing net.

- Failure to do so may result in injury due to abnormal vibrations.

Do not use hardened detergent.

- If it accumulates inside the washer, it may result in a water leak.

Make sure that the pockets of all the clothing items 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.

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 dryer 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

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 dryer.

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

Care for preventing freezing

WARNING

Install the Laundry Hub 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

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

Regulatory notice

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.

SAVE THESE INSTRUCTIONS

Installation

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

- Fasten the exhaust duct securely to a suitable structure.

WARNING

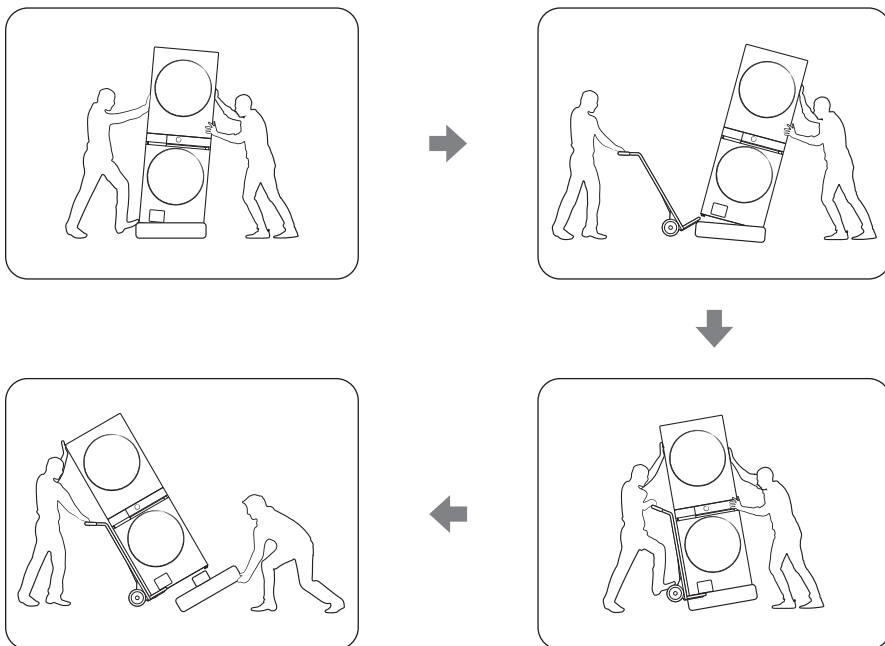
- Certain internal parts are intentionally not grounded and may present a risk of electric shock only during servicing. Service personnel – Do not contact the following parts while the appliance is energized: Control board, heat sink, motor, inlet valve and pump.
- This appliance is provided with two power-supply connections to the power supply. Each appliance shall be connected to an individual branch circuit. The washer and dryer must be on separate circuits.

Installation

Unpacking

⚠ CAUTION

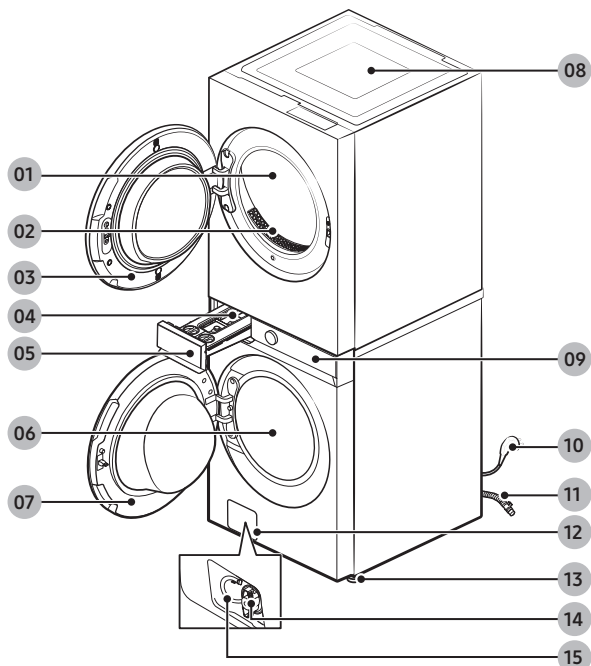
- Never lay the Laundry Hub down on the floor to remove the packaging material. Always keep the Laundry Hub in an upright position.
- You must have at least 2 people unpack the Laundry Hub.



1. Lean the Laundry Hub on one side to secure space between the Laundry Hub and the base foam cushion. Then, place a hand truck underneath the Laundry Hub.
2. Lean the hand truck backwards, and then completely remove the base foam cushion from the Laundry Hub.

What's included

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



01 Drum (Dryer)

02 Lint filter

03 Door (Dryer)

04 Release lever

05 Detergent drawer (Auto dispenser)

06 Drum (Washer)

07 Door (Washer)

08 Worktop

09 Multi-control panel

10 Power plug

11 Drain hose

12 Filter cover

13 Leveling feet

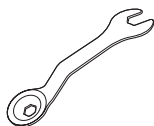
14 Debris filter

15 Emergency drain tube

Installation

Washer accessories

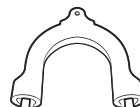
Parts supplied



Wrench



Bolt caps



Hose guide



Cable tie



Anti-slip pads

Parts not supplied



Water hoses (sold separately)

NOTE

- Bolt caps: The number (3 to 6) of bolt caps provided depends on the model.
- The appearance of the provided accessories may differ with the model.
- To purchase an accessory or lost part, contact a local Samsung service center or the retailer.

CAUTION

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

Dryer accessories

Parts supplied (applicable models only)



Y-connector

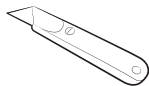


Short water hose

Tools needed for installation



Pliers



Cutting knife



Pipe wrench
(gas models only)



Nut screwdriver



Level



Phillips screwdriver



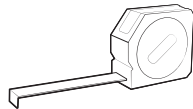
Duct tape



Wrench



LPG-safe compound
or Teflon Tape (for gas
installation)



Measuring tape

Installation

Installation requirements

Common requirements

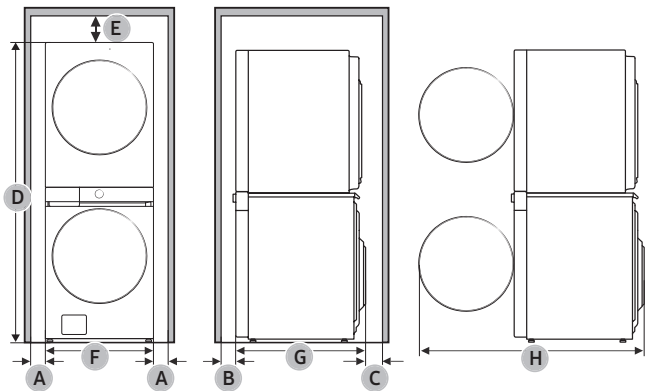
Clearance requirement

Alcove or closet installations

Minimum clearance for stable operation:

Sides	Top	Rear		Front
1 in. (25 mm)	1 in. (25 mm)	WH46DBH5**** 4 in. (100 mm)	WH53DBH7**** 2 in. (50 mm)	0.7 in. (18 mm)

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).



A	1 in. (25 mm)		E	1 in. (25 mm)	
B	0.7 in. (18 mm)		F	27 in. (686 mm)	
C	WH46DBH5****	4 in. (100 mm)	G	WH46DBH5****	31.3 in. (796 mm)
	WH53DBH7****	2 in. (50 mm)		WH53DBH7****	34.4 in. (875 mm)
D	74.4 in. (1890 mm)		H	WH46DBH5****	53.1 in. (1349 mm)
				WH53DBH7****	55.9 in. (1420 mm)

Flooring

For best performance, the Laundry Hub must be installed on a solid floor. Wood floors may need to be reinforced to minimise vibration and/or unbalanced loads. Carpeting and soft tile surfaces do not resist vibration well and may cause the Laundry Hub to move slightly during the spin cycle.

CAUTION

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

Water temperature

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

Washer requirements

Electrical supply and grounding

- Use an individual branch circuit specific to the Laundry Hub.

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

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

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

WARNING

- Do NOT use an extension cord.
- Use only the power cord that comes with the Laundry Hub.
- Do NOT connect the ground wire to plastic plumbing, gas lines, or hot water pipes.
- Improperly connected grounding conductors may cause electric shock.
- Do not remove or modify the grounding pin of power cord to reduce the risk of electric hazard.
- Please use the additional grounding wire provided with this appliance if there is no hole for earth pin in power inlet socket.
- To prevent unnecessary risk of fire, electrical shock, or personal injury, all wiring and grounding must be done in accordance with local codes, or in the absence of local codes, in accordance with the National Electrical Code, ANSI/NFPA No. 70-Latest Revision (for the U.S.) or the Canadian Electrical Code CSA C22.1 – Latest Revisions and local codes and ordinances. It is your responsibility to provide adequate electrical service for your washer.

Installation

Water supply

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

To reduce the risk of leaks:

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

CAUTION

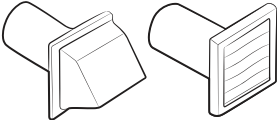
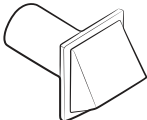
Before using the Laundry Hub for the first time, check all connections at the water valve and taps for any leaks.

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.

Dryer requirements

Ducting requirements

Weather hood type	Recommended	Use only for short-run installation
	 4" (10.2 cm)	 2.5" (6.4 cm)
No. of 90° elbows	Rigid	Rigid
0	80 ft. (24.4 m)	74 ft. (22.6 m)
1	68 ft. (20.7 m)	62 ft. (18.9 m)
2	57 ft. (17.4 m)	51 ft. (15.5 m)
3	47 ft. (14.3 m)	41 ft. (12.5 m)

NOTE

* Use a 4-inch (10.2 cm) diameter rigid aluminum or galvanized steel duct.

If you integrate the dryer's vent system with an existing exhaust system:

- Make sure the exhaust system meets all applicable local, state, and national regulations.
- Verify you are not using flexible plastic duct.
- Make sure to check for and remove all lint buildup from inside the existing ducts.
- Confirm the duct is not kinked or crushed.
- Make sure the exhaust hood damper opens and closes freely.

Manometer measurements

The static pressure in any exhaust system must not exceed 0.83 inches of water column or be less than 0. Note that these values are measured with the dryer running with a manometer presented to the exhaust duct that connects to the dryer. The dryer drum must be empty and lint filter clean.

Exhausting requirements

The dryer must not be exhausted into a chimney, a wall, a ceiling, an attic, a crawl space, or a concealed space of a building. Exhausting the dryer to the outside will prevent large amounts of lint and moisture from being blown into the room.

In the United States and Canada

- All dryers must be exhausted to the outside.
- The required exhaust duct is 4 inches (10.2 cm) in diameter.
- See **"Ducting requirements"** in the **"Installation"** section for the maximum duct length and number of bends that can be used.
- The total length of flexible metal duct must not exceed 7'10¹/₂" (2.4 m).
- Fasten the exhaust duct securely to a suitable structure.
- Do not assemble the duct with screws or other fasteners that extend into the duct and catch lint.
- **For the United States only:** Use only those foil-type flexible ducts, if any, specifically identified for use with the appliance by the manufacturer and that comply with the Outline for Clothes Dryer Transition Duct. Use Subject 2158A.

Outside the United States and Canada

- Refer to the local codes.

WARNING

- You must exhaust the dryer to the outside to reduce the risk of fire when you install the dryer in an alcove or closet.
- Do not use a plastic or non-metal flexible duct.
- If your existing ductwork is plastic, non-metal, or combustible, replace it with metal.
- Use only a metal exhaust duct that is non-flammable to ensure containment of exhaust air, heat, and lint.

Installation

Gas requirements

WARNING

- Use only natural or LP (liquid propane) gases.
- The installation must be conformed with local codes, or in the absence of local codes, with the national fuel gas code, ANSI Z223.1/NFPA 54, latest revision (for the UNITED STATES), or with the natural gas and propane installation code, CSA B149.1 (for Canada).
- Gas dryers are equipped with a burner vent for use with natural gas. If you plan to use your dryer with LP (liquid propane) gas, it must be converted for safe and proper performance by a qualified service technician. **(LNG models only)**

You must check the burner of your model and use the proper LP Kit accordingly. To check the detail information of the burner, open the door and check the rating label location on the door frame.

- 20,000 BTU: LPKIT-4/XAA (DC98-04114A)
- 22,000 BTU: LPKIT-3/XAA (DC99-00792A)
- A 1/2" (1.27 cm) gas supply line is recommended and must be reduced to connect to the 3/8" (1 cm) gas line on your dryer. The National Fuel Gas Code requires that an accessible, approved manual gas shut-off valve be installed within 6" of your dryer.
- Gas dryers installed in residential garages must be raised 18 inches (46 cm) above the floor.
- Additionally, a 1/8" (0.3 cm) N.P.T. (National Pipe Thread) plugged tapping, accessible for test gauge connection, must be installed immediately upstream of your dryer's gas supply connection.
- Your dryer must be disconnected from the gas supply pipe system during any pressure testing of the system.
- Do not reuse old flexible metal gas lines. Flexible gas lines must be designed and certified by the standard for connectors for Gas Appliances, ANSI Z21.24 • CSA 6.10.

NOTE

- Your dryer uses an automatic ignition system to ignite the burner. There is no constant burning pilot.
- Any pipe joint compound used must be resistant to the action of any liquefied petroleum gas.
- As a courtesy, most local gas utilities will inspect a gas appliance installation.

Commonwealth of Massachusetts installation instructions

Your dryer must be installed by a licensed plumber or gas fitter. A "T" handle manual gas valve must be installed in the gas supply line to your dryer. If a flexible gas connector is used to install your dryer, the connector can be no longer than 3' (36").

WARNING

- Gas leaks may occur in your system, creating a dangerous situation.
- Gas leaks may not be detected by smell alone.
- Gas suppliers recommend you purchase and install a UL-approved gas detector.
- Install and use in accordance with the manufacturer's instructions.

Electrical requirements

The wiring diagram is located on the plate under the control panel or rear frame.

WARNING

- Improperly connecting the equipment grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether your dryer is properly grounded. Do not modify the plug provided with your dryer – if it doesn't fit the outlet, have a proper outlet installed by a qualified electrician.
- 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 dryer.
- All gas installations must be done in accordance with the national Fuel Code ANSI/Z2231 – Latest Revision (for the U.S.) or CAN/CGA – B149 Installation Codes – Latest Revision (for Canada) and local codes and ordinances.

Grounding

This dryer must be grounded. In the event of a malfunction or breakdown, the ground will reduce the risk of electrical shock by providing a path of least resistance for the electrical current.

Gas models

WARNING

- Your dryer has a cord with an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.
- Do not modify the plug provided with your dryer – if it doesn't fit the outlet, have a proper outlet installed by a qualified electrician.
- Do not connect the ground wire to plastic plumbing lines, gas lines, or hot water pipes.

Electric models

WARNING

- Your dryer has an optional cord with an equipment-grounding conductor and a grounding plug. This cord is sold separately.
- The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.
- Do not modify the plug provided with your dryer – if it doesn't fit the outlet, have a proper outlet installed by a qualified electrician.

Installation

- If a power cord is not used and the electric dryer is to be permanently wired, the dryer must be connected to a permanently grounded metal wiring system, or an equipment grounding conductor must be run with the circuit conductors and connected to the equipment grounding terminal or lead on the dryer.

Electrical connections

Before operating or testing, follow all grounding instructions in the "**Grounding**" section. An individual branch (or separate) circuit serving only your dryer is recommended.

Do not use an extension cord.

Gas models – U.S. and Canada

A 120 volt, 60 Hz AC approved electrical service with a 15-ampere fuse or circuit breaker is required.

Electric models – U.S. only

Most U.S. dryers require a 120 / 240 volt, 60 Hz AC approved electrical service. Some require 120 / 208 volt, 60 Hz approved electrical service. The electric service requirements can be found on the data label located behind the door. A 30-ampere fuse or circuit breaker on both sides of the line is required.

- If a power cord is used, the cord should be plugged into a 30-ampere receptacle.
- The power cord is not provided with U.S. electric model dryers. This cord is sold separately.

Risk of Electric Shock



WARNING

When local codes allow, you can connect the dryer's electrical supply with a new power supply cord kit, marked for use with a dryer, that is U.L. listed and rated at a minimum of 120 / 240 volts, 30-amperes with three No. 10 copper wire conductors terminated with closed loop terminals, open-end spade lugs with turned up ends, or with tinned leads.

- Do not reuse a power supply cord from an old dryer. The power cord electric supply wiring must be supported at the dryer cabinet by a suitable UL-listed strain relief.
- Grounding through the neutral conductor is prohibited for (1) new branch-circuit installations, (2) mobile homes, (3) recreational vehicles, and (4) areas where local codes prohibit grounding through the neutral conductor. (Use a 4-prong plug for a 4 wire receptacle, NEMA type 14-30R.)

Electric models – Canada Only

A 120 / 240 volt, 60 Hz AC approved electrical service fused through a 30-ampere fuse or circuit breaker on both sides of the line is required.



NOTE

All Canadian models are shipped with the power cord attached. The power cord should be plugged into a 30-ampere receptacle. In Canada, you may convert a dryer to 120 / 208 volts.

Step-by-step installation

STEP 1 Select a location

Location requirements:

- Solid, level surface without carpeting or flooring that may obstruct ventilation
- Away from direct sunlight
- Adequate room for ventilation and wiring
- The ambient temperature is always higher than the freezing point (32 °F / 0 °C)
- Away from a heat source

STEP 2 Remove the shipping bolts

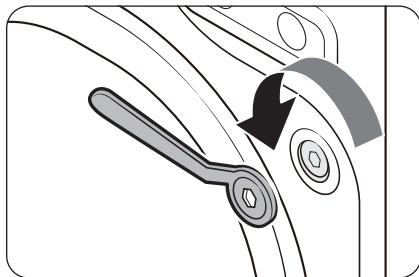
Unpack the product package and remove all shipping bolts.

NOTE

Number of shipping bolts may differ depending on the model.

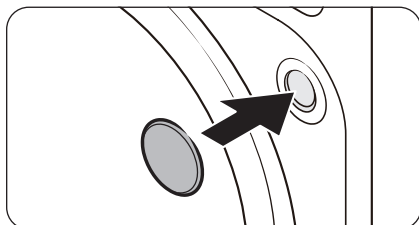
WARNING

- Packaging materials can be dangerous to children. Dispose all packaging material (plastic bags, polystyrene, etc.) out of children's reach.
- To avoid injury, cover the holes with bolt caps after removing the shipping bolts. Do not move the Laundry Hub without the shipping bolts in place. Assemble the shipping bolts before moving the Laundry Hub to another location. Keep the shipping bolts in a safe place for future use.



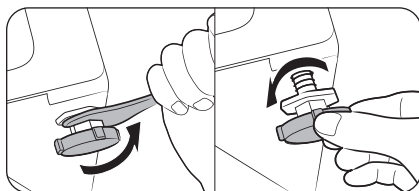
1. Loosen all shipping bolts on the rear of the Laundry Hub using the supplied spanner.

Installation

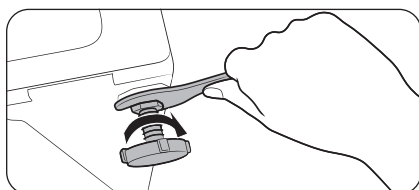


2. Fill the holes with the supplied plastic bolt caps.
Keep the shipping bolts for future use.
3. Close all plastic bolt caps on the rear of the Laundry Hub.

STEP 3 Adjust the leveling feet



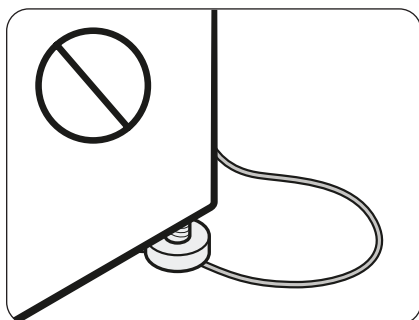
1. Gently slide the washer into position. Excessive force may damage the levelling feet.
2. Level the washer by manually adjusting the levelling feet.



3. When levelling is complete, tighten the nuts using the spanner.

NOTE

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



CAUTION

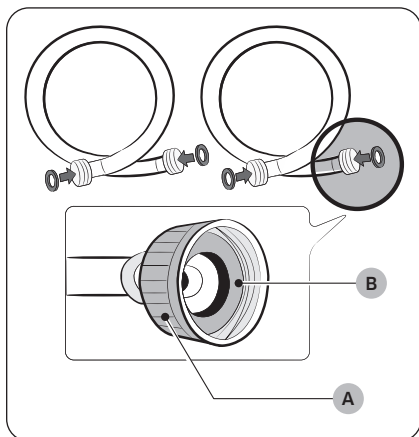
When installing the product make sure the leveling feet is not pressing the power cord.

CAUTION

Make sure all the leveling feet are seating on the floor surface to avoid the Laundry Hub from moving or generating noise due to vibration. Then, check if the Laundry Hub is rocking. If the Laundry Hub is not rocking, tighten the nuts.

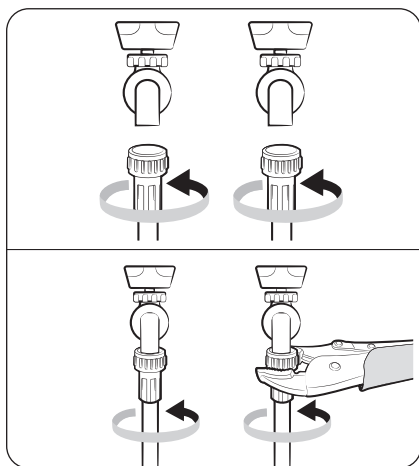
Installation

STEP 4 Connect the water hose

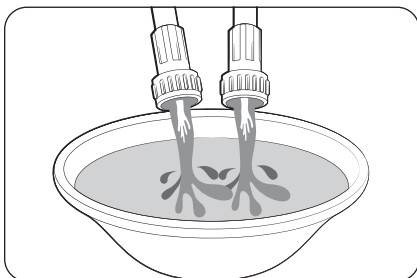


⚠ CAUTION

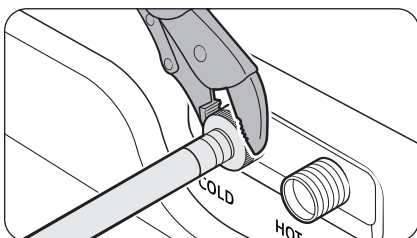
- Make sure to use new water hoses and that **rubber gaskets (B)** are inside the **couplings (A)** at both ends of the hoses. Water hoses without the gaskets may leak.
- Allow 5 in. (127 mm) of space between the back of the Laundry Hub and the wall to prevent water hoses from being kinked. Kinked hoses may cause water leaks.
- If there is a water leak, stop using the Laundry Hub 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.



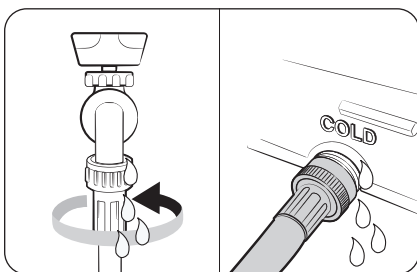
3. Put the other ends of the hoses into a bucket, and then open the water taps for 10 - 15 seconds to remove impurities. When done, close the taps.



4. Attach the water hoses to the hot and cold water inlets on the back of the Laundry Hub, 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

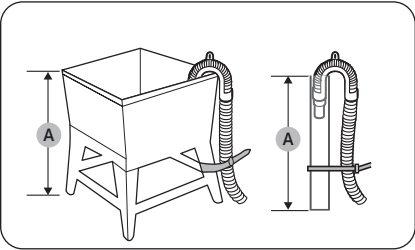
If you do not want to use the hot water supply hose, attach the water intake cap to the hot water supply intake. When you do a wash, tap **Temp.** to select **1 (Tap Cold)**.



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

Installation

STEP 5 Position the drain hose



To a Laundry Tub or Drain Pipe

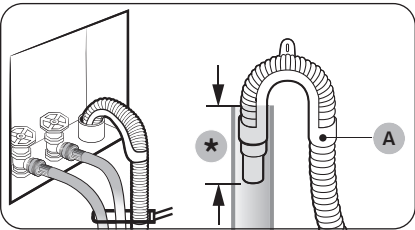
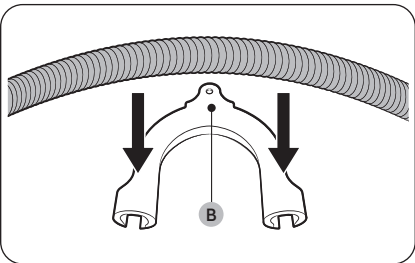
1. Check the **height (A)** of your drain system and make sure the minimum and maximum heights shown below are met.

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

NOTE

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

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

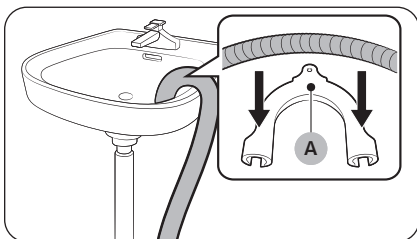


(*): Min. 6 in. (152 mm), Max. 8 in. (203 mm)

3. Route the drain hose to the drain system.

CAUTION

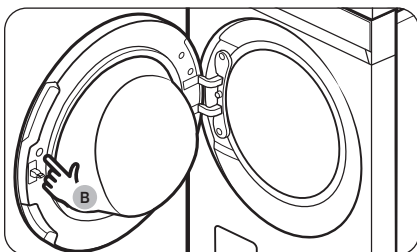
- If using a standpipe, make sure the standpipe and drain hose connection is not airtight.
 - If using a standpipe, make sure the drain hose is inserted at least 6 in. (152 mm) but no more than 8 in. (203 mm) into the standpipe.
4. Secure the drain hose with cable ties.



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 Remove the film inside each door



Remove the **small circular film (B)** above each door latch before use.

Installation

STEP 7 Install the exhaust system

Exhaust ducting guide

Ducting

1. Make sure the Laundry Hub is installed properly so the air exhausts freely.
2. Use 4-inch rigid metal ducts. Tape all joints including the dryer connection. Never use lint-trapping screws.
3. To facilitate the exhaust, keep the ducts as straight as possible.

Cleaning

Clean all old ducts before installing the Laundry Hub, and make sure the vent flap opens and closes freely. We recommend that you clean the exhaust system annually or on a regular basis.



WARNING

- To prevent fire, do not use plastic, thin-foil, or non-metal flexible ducts of any kind.
- Do not use a poor exhaust system because it slows down the dryer's performance.
- Do not use excessively long ducts that have multiple elbows.
- Do not use crushed or clogged venting or ducts.



CAUTION

Before installing your Laundry Hub, remove the packing in the duct.



NOTE

Secure room around the Laundry Hub to facilitate ducting and wiring.

STEP 8 Connect the gas line (for gas models)

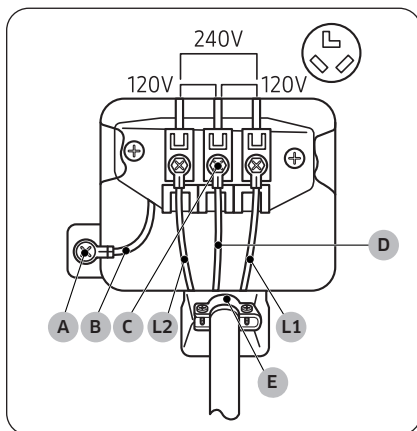
Before connecting the gas line, make sure you have read the "**Gas requirements**" section on page 30.

1. Remove the protective cap from the gas pipe.
2. Apply an LPG (Liquefied Petroleum Gas)-safe compound or 1.5 wraps of Teflon tape to all threaded connections.
3. Connect the gas supply to the dryer. An additional fitting is required to connect the $\frac{3}{4}$ " (1.9 cm) female thread end of a flexible connector to the $\frac{3}{8}$ " (1 cm) male threaded end on the dryer. Tighten up the fitting over all threads.
4. Turn on the gas supply, and check for any leaks using a soap solution. If a leak is found, tighten the connections and try again. Do not use an open flame to check for gas leaks.

STEP 9 Connect the electrical wiring (for electric models)

Before connecting the electrical wiring, make sure you have read the “**Electrical requirements**” section on page 31.

3-wire system



- A. External ground connector
- B. Neutral grounding wire (white)
- C. Center silver-colored terminal block screw
- D. Neutral wire (white or center wire)
- E. $\frac{3}{4}$ " (1.9 cm) UL-listed strain relief

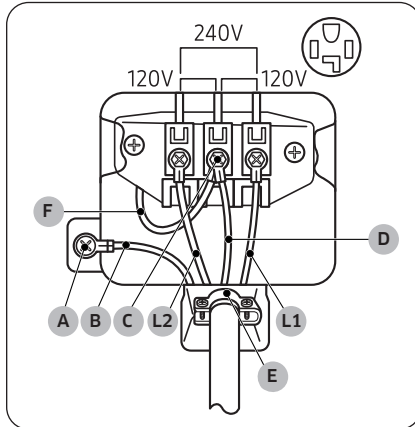
1. Loosen or remove the screws from the center terminal block.
2. Connect the neutral wire (white or center wire) of the power cable to the center, silver-colored terminal screw of the terminal block. Tighten the screws.
3. Connect the other wires to the outer terminal block screws. Tighten the screws.
4. Tighten the strain relief screws.
5. Insert the terminal block cover into the rear panel of the dryer. Then, secure the cover with a hold-down screw.

⚠ CAUTION

- To convert from the 4-wire system to 3-wire system, connect the ground strap to the terminal block support to ground the dryer frame to the neutral conductor.
- Ring-type terminals are recommended. If using strap terminals, make sure they are tightened.
- Connect the power cord and check L1/L2/D (N) voltage. If the voltage is low, it may not heat properly. Review the “**Electrical requirements**” section on page 31 if needed.

Installation

4-wire system



- A. External ground connector
- B. Neutral grounding wire (white)
- C. Center silver-colored terminal block screw
- D. Neutral wire (white or center wire)
- E. $\frac{3}{4}$ " (1.9 cm) UL-listed strain relief
- F. Neutral wire (white or center wire)

1. Remove the external ground connector's screw and connect the ground wire (green or unwrapped) of the power cable to the screw.

⚠ CAUTION

- To connect the ground wire to the neutral position without through contact A (cabinet ground), contact a technician. This is not user serviceable.
 - Ring-type terminals are recommended. If using strap terminals, make sure they are tightened.
2. Loosen or remove the screws from the center terminal block.
 3. Connect the neutral wire (white or center wire) and ground wire (white) to the center screw of the terminal block. Tighten the screw.
 4. Connect the other wires to the outer terminal block screws. Tighten the screws.
 5. Tighten the strain relief screws.
 6. Insert the tab of the terminal block cover into the rear slot of the dryer. Secure the cover with a hold-down screw.

⚠ CAUTION

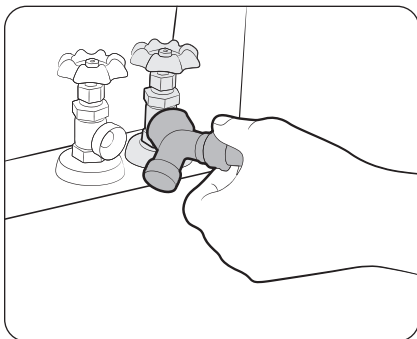
Connect the power cord and check L1/L2/D (N) voltage. If the voltage is low, it may not heat properly. Review the **"Electrical requirements"** section on page 31 if needed.

⚠ WARNING

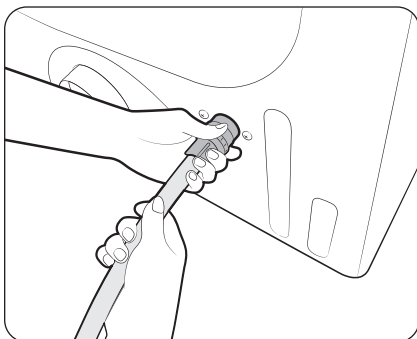
- All U.S. models are designed for a 3-wire system connection. The dryer frame is grounded to the neutral conductor at the terminal block. A 4-wire system connection is required for new or remodeled construction, mobile homes, or if local codes do not permit grounding through neutral. If you use the 4-wire system, you cannot ground the dryer frame to the neutral conductor at the terminal block.
- Remove the terminal block cover plate. Insert the power cord with a UL-listed strain relief through the hole provided in the cabinet near the terminal block.
- A strain relief must be used. Do not loosen the nuts already installed on the terminal block. Be sure they are tight. Use a $\frac{3}{8}$ " (1 cm) deep well socket.
- Since January 1, 1996, the national electric code requires that new wiring (not existing) utilize a 4-wire connection to this dryer.

STEP 10 Connect the water hose

The dryer must be connected to a cold water tap using a water hose. A water hose is not provided with the dryer and therefore you must purchase it separately.



1. Close the cold water tap. If you have a washer's cold water hose attached to the cold water tap, unscrew and remove the hose. Then, connect the female end of the Y-connector to the cold water tap.
2. Connect the straight end of the water hose to the Y-connector. Tighten the hose coupling by hand.
3. Using pliers, tighten the coupling an additional two-thirds turn. Do not overtighten. You can damage the coupling.

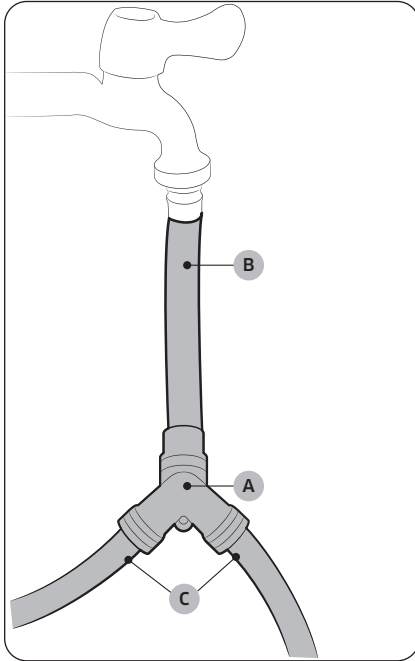


4. Connect the angled end of the water hose to the filling valve at the bottom rear of the dryer. Turn the coupling by hand until it is tight.
5. Using pliers, tighten the coupling an additional two-thirds turn. Do not overtighten. You can damage the coupling.
6. If you detached the cold water hose from your washer, attach the hose to the open end of the Y-connector, tighten the coupling by hand until it is tight, and then, using a pliers, tighten an additional two-thirds turn.
7. Open the cold water tap, and then check for any leaks.

If the Y-connector cannot be directly connected to the cold water tap, use the short hose. See the **"Using the short hose as an extension (applicable models only)"** section on page 44.

Installation

Using the short hose as an extension (applicable models only)



1. Close the cold water tap. If you have a washer's cold water hose attached to the cold water tap, unscrew and remove the hose. Then, connect the **short hose (B)** to the cold water tap. Turn the coupling by hand until it is tight.
2. Using pliers, tighten the coupling an additional two-thirds turn. Do not overtighten. You can damage the coupling.
3. Connect the **Y-connector (A)** to the brass male end of the short hose. Turn the coupling by hand until it is tight.
4. Using pliers, tighten the coupling an additional two-thirds turn. Do not overtighten. You can damage the coupling.
5. Connect the angled end of the **water hoses (C)** to the filling valve at the bottom rear of the dryer. Turn the coupling by hand until it is tight.
6. Using pliers, tighten the coupling an additional two-thirds turn. Do not overtighten. You can damage the coupling.
7. If you detached the cold water hose from your washer, attach the hose to the free end of the Y-connector, tighten the coupling by hand until it is tight, and then, using a pliers, tighten an additional two-thirds turn.
8. Open the cold water tap, and then check for any leaks.

STEP 11 Power on

Plug the power cord into a wall socket protected by a fuse or circuit breaker. Then, tap  to turn on the Laundry Hub.

For gas models

Make sure all gas connections, the exhaust line, and all wiring is connected correctly. Then, plug the power cord into a power source and check the dryer's installation and operation using the final checklist in Step 12.

STEP 12 Final Check

When installation is complete, confirm that:

- The Laundry Hub is plugged into an electrical outlet and grounded properly.
- The exhaust ductwork is connected, and the joints are taped.
- You have used rigid or stiff-walled flexible metal duct material, not plastic flexible duct.
- The Laundry Hub is level and is sitting firmly on the floor.
- The dryer starts, runs, heats, and shuts off properly.
- The gas is supplied properly with no leaks (For gas models only).

CAUTION

The burner may not ignite initially due to air in the gas line. Allowing your dryer to operate on a heat setting will purge the line. If the gas does not ignite within 5 minutes, turn the dryer off and wait 5 minutes. Be sure the gas supply to the dryer has been turned on. To confirm gas ignition, check the exhaust for heat.

Installation

Vent Blockage Test

After the Laundry Hub is installed, run the Vent Blockage Test function to check if the duct system is properly installed. Vent Blockage Test automatically detects the status of the ducts and reports any blockage or problems. Proper ducting can reduce drying time and save energy.

NOTE

The Vent Blockage Test function must run when the dryer is cool. If the dryer warms up after the installation check, run the **Air Fluff** cycle for several minutes to reduce its internal temperature.

Running the Vent Blockage Test

1. Make sure the drum is empty, and then close the door. (If there are any clothes or other items in the drum, the test will not give accurate results.)
2. Tap  to turn on the Laundry Hub.
3. Tap **DRYER**, and then tap **Options**.
4. Turn the **Navigation dial** to select **Vent Blockage Test**, and then tap **OK**. Vent Blockage Test starts immediately.
 - The test takes about 2 minutes and "**Testing**" is displayed during the test.

CAUTION

Do not open the door during the test.

NOTE

If you have started other procedures before running Vent Blockage Test, the dryer will not enter the Vent Blockage Test mode.

5. After 2 minutes, when the test is complete, the results are displayed and the dryer sounds a tone. If status of the duct system is normal, an alarm triggers with the "**No problems detected**" message. If the duct system cannot exhaust properly, the check code appears, and the dryer sounds an alarm tone. For description about the code, see the "**Information codes**" section on page 95.

If there are any other problems, an information code appears on the display. For description about the code, see the "**Information codes**" section on page 95.

- To stop or cancel Vent Blockage Test, tap  to turn off the dryer.
- The results remain on the display for about 5 minutes and then automatically turn off. You can turn the results off immediately by tapping .

NOTE

- During or after the test, the internal drum is hot. Use caution to prevent burns. The Vent Blockage Test function is used to check for problems in the current duct system when the dryer is installed for the first time.
- If the test result displays check code (the duct system is blocked), refer to the "**Ducting requirements**" section on page 28 and the "**Exhaust ducting guide**" section, and then take proper measures to correct any problems. If the test is suspended, it could result in incorrect results. Follow the proper procedures when testing the dryer.

- Even if the test result is normal (“**No problems detected**”), the duct system could be blocked slightly. Properly install all duct work according to the installation instructions in this manual.

Installation check codes

Check code	Meaning	Solution
No problems detected	Vent condition is good.	
Vent is nearly clogged	Over 80 % of the vent is clogged. (This may lead to poor drying performance or cause malfunction)	1. Clean the lint filter. 2. Check your vent condition. (Refer to the “Ducting requirements” section) * You must take measures (such as cleaning) through expert personnel.
Leave the dryer at room temperature	The internal temperature of the dryer is too low (below 32 °F (0 °C)) or too high (over 104 °F (40 °C)) and therefore vent blockage cannot be detected.	Leave the dryer at room temperature (41~95 °F (5~35 °C)) for an hour and check again.
Items detected in the drum	Unit is detecting items inside the drum or there is an error on the dry sensor.	Remove items from the drum and check again. If the problem continues, contact a service center.

NOTE

For other information codes, see the “**Information codes**” section on page 95.

Before you start

Initial setup

- When you turn on the Laundry Hub for the first time, the screen shows the initial setup process. Follow the on-screen instructions to complete it.
- Initial setup will not repeat after you've completed it.
- Tap **OK** to skip to the next screen.

Run Calibration (For washer only)

- You must proceed calibration before using the Laundry Hub washer.
- Empty the drum, and then touch and hold ▶|| to start calibration.
- When calibration is complete, power turns off and then turns on automatically.
- If you want to proceed calibration again, tap **Options** and select **Calibration**.

Laundry guidelines

STEP 1 Sort

Sort the laundry according to these criteria:

- Care Label: Sort the laundry into cottons, mixed fibers, synthetics, silks, wools, and rayon.
- Color: Separate whites from colors.
- Size: Mixing different sized items together in the drum improves the washing performance.
- Sensitivity: Wash delicate items separately. For pure, new woolen items, curtains, and silk items, check the labels on the items.

NOTE

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

STEP 2 Empty pockets

Empty all the pockets of your laundry items

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

Turn clothing with buttons and embroideries inside out

- If pants or jacket zippers are open while washing, the drum may be damaged. Zippers should be closed and fixed with a string.
- Clothing with long strings may become entangled with other clothes. Make sure to tie the strings before starting the wash.

STEP 3 Use a laundry net

- Brassieres (machine washable) must be placed in a laundry net. Metal parts of the brassieres may break through and tear other laundry items.
- Small, light clothing such as socks, gloves, stockings, and handkerchiefs may become caught around the door. Place them inside a fine laundry net.
- Do not wash the laundry net by itself without other laundry. This may cause abnormal vibrations that could move the Laundry Hub and result in injury.

STEP 4 Determine the load capacity

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

NOTE

When washing bedding or bedding covers, the wash time may be lengthened or the spin efficiency may be reduced. For bedding or bedding covers, the recommended maximum spin level is Level 2 or Level 3, and the load capacity is 7 lb (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 Apply a proper detergent type

The type of detergent depends on the type of fabric (cotton, synthetic, delicate items, wool), color, wash temperature, and degree of soiling. 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 discolor the laundry.

Before you start

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).

Drying guidelines

STEP 1 Sort

- Do not mix heavy and lightweight items together.
- Wash and dry dark-colored items separately from light-colored items.
- Unless recommended on the care label, do not dry woolens or fiberglass items.
- Do not dry items soiled with oil, alcohol, gasoline, etc.
- Avoid drying unwashed items.
- Do not dry wet items that have not been fully spin-dried after washing. This could cause an odor inside the dryer or cause the dryer to malfunction.
- Using a laundry net is recommended for baby socks and other small, light items.

STEP 2 Empty pockets and turn them inside out

- Turn dark-colored clothes inside out before drying them. This will prevent fabric damage due to friction during the drying process and protect internal parts of the dryer from discoloration and damage.
- Turn the items with buttons or embroideries inside out before drying them.

CAUTION

- Empty the pockets. Metallic objects such as coins, pins, and buckles on clothing may damage other laundry items as well as the drum.
- Remove any metallic objects attached to items, pull up zippers, and latch hooks before drying. Metallic objects attached to items may damage other items as well as the drum.

STEP 3 Check the lint filter

Ensure that the lint filter is installed correctly before putting items in the dryer.

- Always clean the lint filter before drying. For more information on filter cleaning, see the "Lint filter" section on page 86.

STEP 4 Determine the load capacity

Do not overload the dryer. Overloading reduces the tumbling action, resulting in uneven drying and wrinkling.

- Put one wash load in the dryer at a time.
- To improve drying efficiency for one or two items, add a dry towel to the load.
- For best results, untangle items before inserting them into the dryer. Tangled items may degrade the drying efficiency or cause the door to open.

CAUTION

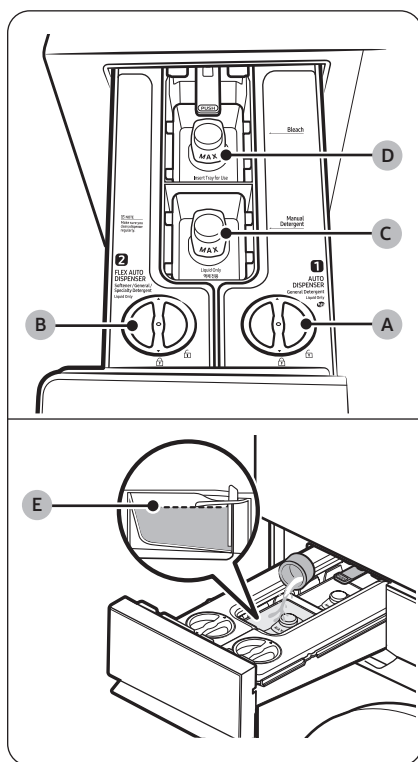
Add or remove items into or from the dryer with the lint filter installed. If the filter is not in place, small items can fall into the filter slot and cause the dryer to malfunction.

Before you start

Detergent drawer 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.
- Grab the detergent drawer handle firmly with your hand and pull to open it. It may be hard to open the detergent drawer with just your fingertips.



A. Dispenser 1

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

B. Dispenser 2

- You can set this dispenser to dispense detergent (General or Specialty) or softener.
- Use only neutral detergent in this dispenser if you have set the **Detergent type** to **Specialty**.
- Do not put powdered detergent.

C. Manual detergent compartment

- To use the Manual detergent dispenser, set the **Amount** option for **Dispenser 1** and **Dispenser 2** to **Off**.
- Insert the liquid detergent guide into the dispenser to use the liquid detergent. Do not put powdered detergent or softener.
- Remove the liquid detergent guide from the dispenser to use powdered detergent. Do not put liquid detergent or softener.

D. Manual bleach compartment

- Add liquid chlorine bleach. Do not exceed the max line.

CAUTION

- Do not operate the washer without the dispensers in the detergent drawer.
 - A water leak may cause electric shock or injury.
- Do not use the following types of detergent in the drawer.
 - Tablet, capsule, ball, or net types.
- Do not use gel-type or viscous detergent/softener in the detergent drawer as they may not flow well.
 - Read the detergent/softener manufacturer's instructions before using them in the washer.
- Do not carry around the dispenser removed from the detergent drawer. Put the dispenser back in place.
 - Otherwise, the dispenser may shake and cause the content to spill out.
- Empty the dispensers in the detergent drawer before moving the Laundry Hub to prevent any content from spilling out on the floor.

NOTE

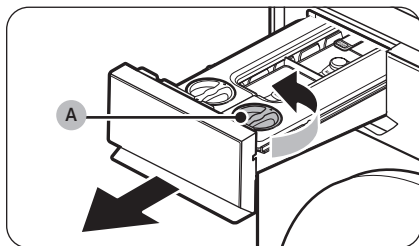
- The **"Detergent drawer is open"** message appears if the detergent drawer is not completely closed. Close the detergent drawer before you start the washer.
- If message **"Refill detergent"**, **"Refill softener"**, or **"Refill detergent & softener"** appears on the display, refill the corresponding dispenser.
- The detergent/softener is not automatically dispensed in the Outdoor, Wool, Delicates, and Activewear cycles if the **Detergent type** for Dispenser **1** and Dispenser **2** are set to **General**. You must put the detergent/softener manually in the manual detergent compartment when using those cycles.
 - However, If the **Detergent type** for Dispenser **2** is set to **Specialty**, the detergent will be dispensed automatically.
- Do not exceed the max line when filling detergent and softener.
- It may be hard to open the detergent drawer with just your fingertips. Grab the detergent drawer handle firmly with your hand and pull to open it.
- Push the detergent drawer all the way to the end to close it. You will hear a click sound when the drawer is properly closed.
- If you feel the softener scent is weak, set the softener input amount to a higher level.

To apply washing agents to the auto dispenser

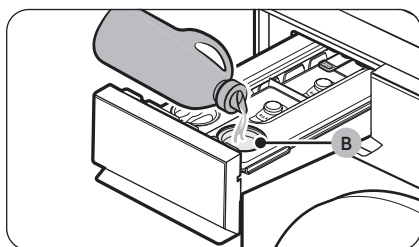
NOTE

- If message **"Refill detergent"**, **"Refill softener"**, or **"Refill detergent & softener"** appears on the display, refill the corresponding dispenser.
- Once you refill the auto detergent/softener dispensers, the washer will start to detect the detergent/softener amount when you touch and hold **>||**.
 - The detection time may vary depending on the type of the detergent/softener.

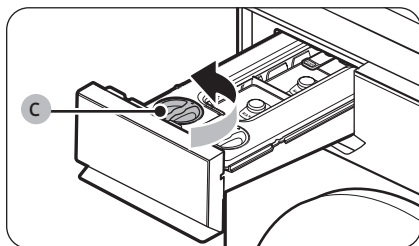
Before you start



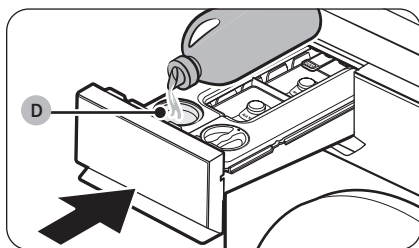
1. Pull the detergent drawer to open.
2. Turn the **Dispenser 1 cap (A)** counterclockwise to open.



3. Apply an appropriate amount of detergent to the **Dispenser 1**.
 - After you finish, put the cap back and turn it clockwise to close.



4. Turn the **Dispenser 2 cap (C)** anticlockwise to open.



5. Apply an appropriate amount of softener to the **Dispenser 2**.
 - After you finish, put the cap back and turn it clockwise to close.
6. Push the detergent drawer to close.
 - Push the detergent drawer all the way to the end. You will hear a click sound when the drawer is properly closed.

CAUTION

- Do not apply detergent/softener to the drawer without the dispensers.
 - If you do, clean the drawer and then reinsert both dispensers.
- Only use liquid detergent or softener in the auto dispenser. Do not use powdered detergent.
- Make sure both dispensers are inserted completely.
 - If they are not, the washer may not start operating or fail to dispense washing agents.
- Clean the dispenser before refilling it with the same or a different type of detergent or softener.
- Do not leave detergent or softener in the auto dispenser for more than 6 weeks.
- Do not mix detergent with fabric softener in either dispenser.
- To prevent detergent or softener from hardening, leave the cap closed after filling the dispenser.
- Do not use any bleach that may cause corrosion and/or generate the gas.
- Do not turn any dispenser upside down.
 - The content may spill.
- Do not press the outlet at the rear of either dispenser while moving it.
 - The content may leak.
- Use caution when putting detergent or fabric softener in the applicable dispenser.
 - The content may spill.
- When removing the dispensers to check the remaining content (upon an alert message or before the message appears), the drawer may have content remaining or leaking from the bottom of the drawer.
- Make sure all the dispensers and compartments in the detergent drawer are empty before moving the Laundry Hub.
- The input or refill level of the detergent/softener depends on the type or the remaining amount of detergent/softener.
- If you see the "**Refill detergent**", "**Refill softener**", or "**Refill detergent & softener**" message on the display, immediately refill the corresponding dispenser. A later refill may cause the input level of the agent to decrease.
- Applying detergent directly to the laundry cause discoloration. Apply detergent in the dispenser.
- Do not use hardened detergent/softener.

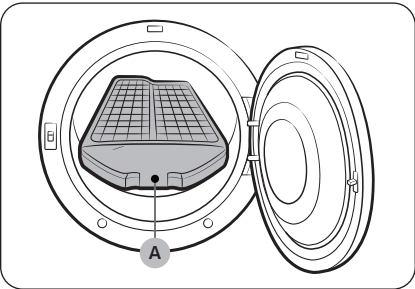
NOTE

- Moisture on the manual detergent compartment causes the powered detergent to stick. Therefore, wipe the moisture with dry cloth before adding the powdered detergent.
- Use detergent and bleach for washing machine only.
- Do not use gel-type or viscous detergent/softener in the detergent drawer as they may not flow well.
 - Read the detergent/softener manufacturer's instructions before using them in the washer.

Before you start

Using the drying rack (applicable models only)

Some models come with a drying rack which is inserted into the drum at the factory. If your model came with a drying rack, remove the rack from the drum before you use the dryer for the first time. To remove the rack, pull the rack straight up, and then take it out of the drum. Remove the drying rack from its packaging and store the rack for later use.



If a drying rack is not provided, you can purchase it at a local Samsung service center. (Part Code : DC93-00374G)

To use the drying rack, follow these steps:

1. Insert the **drying rack (A)** into the drum with its handle facing outward.
2. Mount the rear legs of the drying rack onto the recessed areas of the rear wall, and then press down the middle of the drying rack to secure it.
3. Put items to dry on the rack. Make sure to leave space between the items for air flow.
4. Use the Rack Dry cycle to dry your items.
 - Refer to the Drying suggestions section for best results.
5. When the items are dry, remove them from the dryer, and then remove the drying rack.

Drying rack drying suggestions

Item	Cycle settings
Washable sweaters (fold sweater into same shape as rack and lay it flat on the rack)	Rack Dry or Time Dry with the Low temperature setting
Stuffed toys (cotton or polyester fiber-filled)	
Stuffed toys (foam or rubber-filled)	Air Fluff
Foam rubber pillows	
Sneakers	

CAUTION

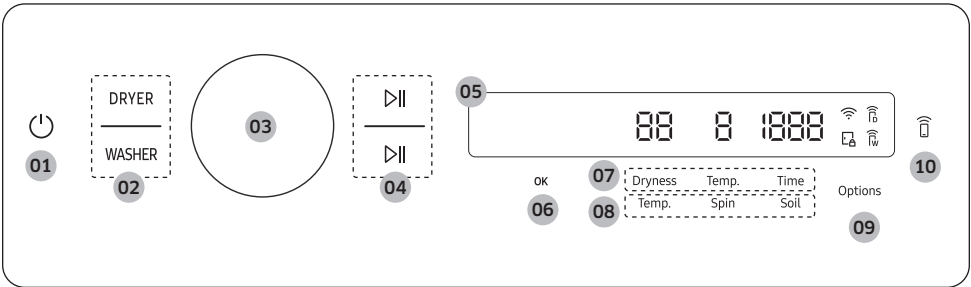
- Drying foam rubber, plastic, or rubber on a heat setting may cause damage to the items and lead to a fire hazard.
- Products with adhesive may be detached or damaged by the heat of the dryer.

Operations

⚠ WARNING

To reduce the risk of fire, electric shock, or injury to persons, read the **IMPORTANT SAFETY INSTRUCTION** section before operating this Laundry Hub.

Multi-control panel



01 Power	You can turn the Laundry Hub on or off. • The washer is selected as a default when the Laundry Hub turns on. • If you do not manipulate the control panel for 10 minutes after turning on the Laundry Hub, the Laundry Hub automatically turns off. • The Laundry Hub automatically turns off when the cycle completes. ⚠ CAUTION Do not tap to turn off the power while the cycle is in progress. Tap to pause the cycle first, and then tap to turn off the power.
02 DRYER / WASHER	You can select the dryer or washer. • Tap WASHER to select the washer and its features or DRYER to select the dryer and use its features. • You can touch and hold WASHER or DRYER for 3 seconds to cancel the operation you have set.
03 Navigation dial	Turn the navigation dial left or right to navigate through cycles and functions. Your selection (such as cycle and options) is displayed on the LCD as you turn the navigation dial.
04 Start/Pause	You can start or pause the operation. • The upper button controls the dryer, and the lower button controls the washer. • Touch and hold the button to start the operation. • During the operation, tap the button to pause.

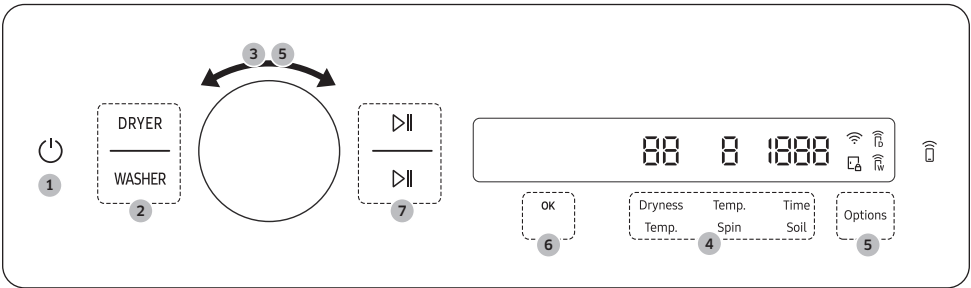
Operations

05 Display	The display shows current cycle information and estimated time remaining, or an information message when a problem occurs.
06 OK	Tap to confirm your selection of function or setting. The button is inactive when the selected function or setting is not supported.
07 Dry cycle settings	Tap the desired button to change the default dry cycle settings. Dryness: Tap to change the dry level. You can select from levels 1 to 5, but the available level depends on the selected cycle. 4 or 5: Suitable for large and thick items. 3: Standard drying level. 2: The Damp dry level is designed to partially dry items. Use for items that lay flat or hang to dry. 1: Gently dries items to protect the fabric. Suitable for delicate items or items you want to naturally dry (by hanging or laying flat on the drying rack) while they are damp. Temp.: Temperature can only be adjusted in Time Dry cycle. Tap to change the temperature of the current cycle. Time: Tap to change the cycle time. - Some cycles do not support a time setting. - You can set the drying time between 10 minutes and 90 minutes. However, available drying time depends on the selected cycle.
08 Wash cycle settings	Tap the desired button to change the default wash cycle settings. Temp.: Tap to change the water temperature for the selected cycle. Spin: Tap to change the spin speed for the selected cycle. Rinse Hold & No Spin: The final rinse process is suspended so that the laundry remains in the water. To unload the laundry, run a drain or spin process. Drain & No Spin: The drum does not spin after the final drain process. Soil: Tap to change the soil level for the current cycle.
09 Options	Tap to enter the Options menu.
10 Smart Control  (Smart Monitor for gas dryer models only)	Tap to activate or deactivate the Smart Control function. Touch and hold to enter pairing mode to connect to the SmartThings app. - When the Smart Control function is activated, you can control your washer or dryer remotely using the SmartThings app on your smartphone or tablet (Android or iOS). - When you tap the button, the Smart Control function activates on both the washer and the dryer. - For more information on Smart Control, see page 78.

Icon descriptions

	Wi-Fi	This icon indicates that the Laundry Hub is connected to Wi-Fi.
	Door Lock	- This icon indicates the door is locked and cannot be opened. - The door locks automatically during a cycle and this indicator turns on. - You can open the door when this icon disappears.
	Smart Control	- This icon indicates that the washer's Smart Control is on. - For more information on Smart Control, see page 78.
		- This icon indicates that the dryer's Smart Control is on. - For more information on Smart Control, see page 78.

Operating a cycle



1. Tap  to turn the power on.
2. Select the dryer or the washer.
 - Tap **WASHER** to select the washer and use its features.
 - Tap **DRYER** to select the dryer and use its features.
3. Turn the **Navigation dial** to select a desired cycle.
 - For more information on **Cycle overview**, see page 60.
4. Change the default cycle options.
 - For the washer, tap **Temp.**, **Spin**, or **Soil** to change options.
 - For the dryer, tap **Dryness**, **Temp.**, or **Time** to change the options.
5. Tap **Options**, and then turn the **Navigation dial** to select the desired option.
 - For more information on **Options**, see page 69.
6. Tap **OK** to change the settings for selected option.
 - Not all cycles have options available.
7. Touch and hold  to start the operation.
 - The upper  is for the dryer and the lower  is for the washer.

Operations

Cycle overview

Cycle descriptions

You can add or delete cycles to personalize the cycle list in the My Cycles option. See page 72 for more information.

Wash cycles

Cycle	Description
Normal	For cottons, bed linens, table linens, underwear, towels, or shirts. The washing time and the rinse count are automatically adjusted according to the load.
AI OptiWash	- The washer detects the type, weight, and soil level of your laundry, and then selects the wash cycle settings accordingly. For example, the washer 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 OptiWash cycle. Enable the Auto Dispense function if you want the washer to adjust the detergent amount automatically according to the soil level of your laundry. - Based on internal testing using the AI OptiWash cycle on an IEC 8 lb load. A turbidity sensor operates for all weight while fabric sensing operates for 8 lb and under. Actual results may vary depending on individual use.
Heavy Duty	For sturdy, colorfast fabrics and heavily soiled items.
Super Speed	- Normal cycle with the Super Speed option. - The shortened time may differ depending on the load/options.
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.
Delicates	- For sheer fabrics, bras, lingerie (silk), and other handwash-only fabrics. - The detergent is automatically dispensed only if the Detergent type for Dispenser 2 is set to Specialty. If not, you must put the detergent manually in the manual detergent compartment.
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 to clean deeply. - If you stop running the cycle while the washer is heating the water, the door remains locked for your safety.
Steam Normal	For washing everyday garments with steam.

Cycle	Description
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. - To disable the automatic dispensing of the detergent, set the Amount option to Off.
Denim	- For denim and jeans. - Wash inside out. - Denim and jeans often contains excess dye and may run during the first few washes. Wash light and dark colored items separately.
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 fibers from shrinkage/distortion. - A neutral detergent is recommended. - You must add detergent manually for this cycle.
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.
Steam Bulky	Bedding cycle with the steam function.
Steam Allergen	To remove dust, pollen, and other non-living allergen substances from fabric.
Power Steam	Heavy Duty cycle with the steam function.
Power Rinse	To wash with powerful rinsing performance.
Self Clean+	- Cleans the drum by removing dirt and build-up from the drum. - Perform once every 40 washes. - Make sure the drum is empty.
Spin Only	To perform the spin process only.
Rinse+Spin	- For loads that need rinsing and spinning only. - You can also select this cycle for additional rinsing and spinning after running other cycles.

Operations

Dry cycles

Cycle	Description
Normal	For most fabrics including cottons and linens.
AI Optimal Dry	AI Optimal Dry uses an enhanced sensor to detect the condition of a load and intelligently optimizes the drying performance.
Time Dry	You can specify a cycle time by a 10-minute unit.
Heavy Duty	For drying items made out of heavy fabrics, such as jeans, corduroys, or work clothes, with high temperature heat.
Super Speed	Fast and effective for synthetic fabrics.
Small Load	Timed cycle for small load items. The default cycle time is 30 minutes. However, you may manually change the cycle time if necessary.
Delicates	For heat-sensitive items at a low drying temperature.
Sanitize	Use to sanitize item by applying high-temperature heat deeply to the fabric. WH46DBH50*** models only
Steam Sanitize+ (Sensor Dry)	Use to sanitize items by applying steam and high-temperature heat to the fabric. This cycle can make items soft and reduce smells. Confirm that the laundry load is wet or partially wet before starting this cycle. WH53DBH7****/WH46DBH55*** only
Wrinkle Away (Manual Dry)	For best results, load 2-3 items at once. You can extend the drying time by a 10-minute unit (starting from a minimum of 20 minutes), depending on the item type or load. Confirm that the laundry load is dry. WH53DBH7****/WH46DBH55*** only
Steam Refresh (Manual Dry)	Use to smooth out wrinkles and reduce odors in loads of one to four items. With this cycle selected, a small amount of water is sprayed into the dryer drum after several minutes of tumbling with heat. Confirm that the laundry load is dry. WH53DBH7****/WH46DBH55*** only
Towels	Use to dry loads such as bath towels.
Bedding	For bulky items such as blankets, sheets, comforters, and light duvets.
Activewear	For exercise wear and outdoor wear such as sports jerseys, training pants, water-repellent jackets, and other performance clothing. Thick fabrics like a zipper or velcro closure of a jacket, or training socks may not be completely dried.
Denim	Use a stepped drying temperature for removing moisture of Jeans and denims.
Shirts	Use to quickly dry a few items such as a shirt.

Cycle	Description
Wool	For machine washable and tumble dryable wool only. For best results, turn laundry inside out before drying.
Perm Press	Dry wrinkle-free cottons, synthetic fabrics, knits, and permanent press fabrics automatically.
Eco Normal	For reducing energy usage. This cycle adjusts the cycle time and temperature for increased efficiency.
Air Fluff	Tumbles the load in room temperature air.
Rack Dry	Timed cycle for items that need to be dried on a drying rack. Turn the Navigation dial to select Rack Dry and tap Time to set the drying time between 10 minutes and 90 minutes.

Operations

Cycle chart

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

Washer

Temp.	Spin	Soil level
5 : Extra Hot	5 : Extra High	5 : Extra Heavy
4 : Hot	4 : High	4 : Heavy
3 : Warm	3 : Medium	3 : Normal
2 : Cold	2 : Low	2 : Light
1 : Tap Cold	1 : Extra Low	1 : Extra Light
	0 : No Spin	
	No Level : No Drain	

● : factory setting, ○ : can be selected

Cycle	Functions											
	Temp.					Spin						
	5	4	3	2	1	5	4	3	2	1	0	No Drain
Normal	○	○	●	○	○	○	●	○	○		○	○
AI OptiWash		○	●	○	○	○	●	○	○	○	○	○
Heavy Duty	○	●	○	○	○	●	○	○	○	○	○	○
SuperSpeed		○	●			○	●	○	○	○	○	○
Small Load		○	●	○	○	●	○	○	○	○	○	○
Delicates			○	○	●			●	○	○	○	○
Steam Whites		●				○	●	○	○	○	○	○
Steam Sanitize	●					○	●	○	○	○	○	○
Steam Normal		●				○	●	○	○	○	○	○
Towels		○	●	○	○	○	●	○	○	○	○	○
Bedding			●	○	○			○	●	○	○	○
Activewear			●	○	○				●	○	○	○
Denim			●	○	○			●	○	○	○	○
Wool			●	○	○				●	○	○	○
Colors				●		○	●	○	○	○	○	○
Perm Press			●	○	○		○	○	●	○	○	○
Eco Cold				○	●	○	●	○	○	○	○	○
Steam Bulky			●					○	●	○	○	○

Cycle	Functions											
	Temp.					Spin						
	5	4	3	2	1	5	4	3	2	1	0	No Drain
Steam Allergen		●				○	●	○	○	○	○	○
Power Steam		●				●	○	○	○	○	○	○
Power Rinse		○	●	○	○	○	●	○	○	○	○	○
Self Clean+	●					●						
Spin Only						○	●	○	○	○	○	
Rinse+Spin						○	●	○	○	○	○	○

Operations

Cycle	Functions					Option		
	Soil level					Super Speed	Extra Rinse	Pre Soak
	5	4	3	2	1			
Normal	○	○	●	○	○		○	○
AI OptiWash			●				○	○
Heavy Duty	●	○	○	○	○	○	○	○
Super Speed	○	○	●	○	○	●	○	
Small Load	○	○	○	○	●		○	
Delicates	○	○	●	○	○		○	
Steam Whites	○	○	●	○	○	○	○	○
Steam Sanitize	○	○	●	○	○		○	○
Steam Normal	○	○	●	○	○		○	○
Towels	○	○	●	○	○		○	○
Bedding	○	○	●	○	○	○	○	○
Activewear	○	○	●	○	○		○	○
Denim	○	○	●	○	○		○	○
Wool			●					
Colors	○	○	●	○	○		○	○
Perm Press	○	○	●	○	○		○	○
Eco Cold	○	○	●	○	○		○	○
Steam Bulky	○	○	●	○	○	○	○	○
Steam Allergen	○	○	●	○	○		○	○
Power Steam	●	○	○	○	○	○	○	○
Power Rinse	○	○	●	○	○		○	○
Self Clean+			●					
Spin Only								
Rinse+Spin							○	

Dryer

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	Cottons, work clothes, linens, mixed loads	●	Normal dry, level 3 (Adjustable)
AI Optimal Dry	Load which could be tumbled except for bulky items	●	Normal dry, level 3 (Not Adjustable)
Time Dry	Any load	●	-
Heavy Duty	Heavy fabrics such as jeans, corduroys, heavy work clothes	●	Normal dry, level 3 (Adjustable)
Super Speed	Synthetic fabrics (Maximum amount : 8 lbs)	○	Normal dry, level 3 (Not Adjustable)
Small Load	Small loads	○	-
Delicates	Underwear, blouses, lingerie	●	Normal dry, level 3 (Adjustable)
Sanitize (WH46DBH50*** models only)	Bedding, curtains, children's clothing	●	Very dry, level 5 (Not Adjustable)
Steam Sanitize+ (WH53DBH7**** / WH46DBH55*** only)	Bedding, curtains, children's clothing	●	Very dry, level 5 (Not Adjustable)
Wrinkle Away (WH53DBH7**** / WH46DBH55*** only)	Shirts, Trouser, Blouses	○	-
Steam Refresh (WH53DBH7**** / WH46DBH55*** only)	Shirts, trousers, comforters, pillows	○	-
Towels	Bath towels and similar items	●	Normal dry, level 3 (Adjustable)
Bedding	Bulky items such as blankets, sheets, comforters, pillows	●	Normal dry, level 3 (Adjustable)
Activewear	Water-repellent wear, performance clothes, sports wear (Maximum : 4 lbs)	●	Normal dry, level 3 (Not Adjustable)
Denim	Jeans, Denims	●	Normal dry, level 3 (Adjustable)
Shirts	Shirt, Blouses	○	Normal dry, level 3 (Not Adjustable)
Wool	For machine washable and tumble dryable wool only (Maximum amount : 3 lbs)	○	Normal dry, level 3 (Not Adjustable)
Perm Press	Shirts, synthetic fabrics, knits, wrinkle-free cottons, permanent press	●	Normal dry, level 3 (Adjustable)

Operations

Cycle	Recommended items	Load size	Dry level
Eco Normal	Cottons, work clothes, linens		Normal dry, level 3 (Not Adjustable)
Air Fluff	Foam, rubber, plastic		-
Rack Dry	Washable sweaters, Stuffed toys (cotton or polyester fiber filled)		-

NOTE

● : factory setting, ○ : can be selected

Cycle	Functions (Temp. Control)	Time	Options			
			AntiStatic (for Steam models)	Damp Alert	Wrinkle Prevent	Eco Dry
Normal	Medium, level 4		○	○	○	●
AI Optimal Dry	Medium, level 4				○	
Time Dry	High, level 5 (Adjustable)	○	○		○	●
Heavy Duty	High, level 5		○	○	○	
Super Speed	High, level 5				○	
Small Load	High, level 5	○			○	
Delicates	Extra low, level 1		○	○	○	
Sanitize (WH46DBH50*** models only)	High, level 5				○	
Steam Sanitize+ (WH53DBH7**** / WH46DBH55*** only)	High, level 5				○	
Wrinkle Away (WH53DBH7**** / WH46DBH55*** only)	High, level 5	○			○	
Steam Refresh (WH53DBH7**** / WH46DBH55*** only)	High, level 5				○	
Towels	High, level 5			○	○	
Bedding	High, level 5			○	○	
Activewear	Medium, level 4				○	
Denim	Medium, level 4			○	○	
Shirts	Medium, level 4				○	
Wool	Low, level 2				○	
Perm Press	Medium Low, level 3		○	○	○	
Eco Normal	Extra low, level 1				○	

Cycle	Functions (Temp. Control)	Time	Options			
			AntiStatic (for Steam models)	Damp Alert	Wrinkle Prevent	Eco Dry
Air Fluff	-	○			○	
Rack Dry	Extra low, level 1	○			○	

Options

Using washer options

1. Tap **WASHER**, and then tap **Options**.
2. Turn the **Navigation dial** to select the desired option.
3. Tap **OK** to change the settings for selected option.

NOTE

- To return to the main screen, tap **Options** again or turn the **Navigation dial** to select **Back** and tap **OK**.
- If the selected function is not supported, the "**Currently not supported**" message is displayed, and the **OK** button is not activated.
- When you select an option, a brief help message appears for the first ten times of use.

Super Speed

Use this function if you need to shorten the washing time.

1. Tap **WASHER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **Super Speed**, and then tap **OK**.
3. Tap **OK** to select **On** or **Off**.
 - Only available with **Super Speed**, **Heavy Duty**, **Power Steam**, **Bedding**, **Steam Bulky**, and **Steam Whites** cycles.
 - The shortened time may differ depending on the load/options.

Extra Rinse

Adds an additional rinse at the end of the cycle to remove laundry additives more thoroughly.

1. Tap **WASHER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **Extra Rinse**, and then tap **OK**.
3. Tap **OK** to select **On** or **Off**.

Pre Soak

This adds 30 minutes of soaking time at the start of the wash cycle for better stain removal.

1. Tap **WASHER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **Pre Soak**, and then tap **OK**.
3. Tap **OK** to select **On** or **Off**.

Operations

Delay End

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

1. Tap **WASHER**.
2. Select a cycle and change the cycle settings as necessary.
3. Tap **Options**.
4. Turn the **Navigation dial** to select **Delay End**, and then tap **OK**.
5. Turn the **Navigation dial** to select the desired time, and then tap **OK**.
6. Touch and hold ▷||.
 - Status shows on the display and the washer tumbles the drum to sense the weight of the load (if load sensing is preset for the selected cycle). When load sensing is complete, the display shows the remaining time until the end of the wash cycle.
 - To cancel Delay End, tap ⏻ to restart the washer.

Drum Light

This turns on the light inside the drum so you can check the status of the items inside.

1. Tap **WASHER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **Drum Light**, and then tap **OK**.
 - Even if the washer is turned off, the drum light will turn on as long as the power cable is connected.
 - Once the Drum Light function is enabled, the drum light will turn off automatically after 2 minutes.
 - Opening the washer door automatically turns on the drum light. The light will then turn off automatically after 2 minutes.
 - Water droplets on the surface of the drum light can scatter light such that it resembles a yellow stain. This is merely an optical illusion and not a malfunction.

Dispenser1

You can change the settings for the dispenser 1.

1. Tap **WASHER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **Dispenser1**, and then tap **OK**.
3. Turn the **Navigation dial** to select **Detergent type**, **Concentration**, or **Amount**, and then tap **OK**.
 - **Detergent type**: You can only select **General** for the dispenser 1.
 - **Concentration**: You can change the concentration level.
 - **Amount**: You can select the amount of the detergent to be dispensed during each wash cycle.
4. Turn the **Navigation dial** to select the desired setting, and then tap **OK**.

Dispenser 2

You can change the settings for the dispenser **2**.

1. Tap **WASHER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **Dispenser 2**, and then tap **OK**.
3. Turn the **Navigation dial** to select **Detergent type**, **Concentration**, or **Amount**, and then tap **OK**.
 - **Detergent type**: You can select the type of detergent you want to use in the dispenser **2**.
 - **Concentration**: You can change the concentration level.
 - **Amount**: You can select the amount of the detergent to be dispensed during each wash cycle.
4. Turn the **Navigation dial** to select the desired setting, and then tap **OK**.

Pump Clean

You can use this function to clean detergent or softener residue buildup in the pump. Use this function after you empty and clean the dispenser.

1. Fill the water in the dispenser(s) up to the MAX line.
2. Tap **WASHER**, and then tap **Options**.
3. Turn the **Navigation dial** to select **Pump Clean**, and then tap **OK**.
4. Tap **OK** to select the desired dispenser pump(s) you want to clean.
 - You can select from **Dispenser 1**, **Dispenser 2**, or **Dispenser 1/2**.
5. Tap **OK** to start cleaning.
 - The water will drain out from the dispenser(s).

NOTE

To return to the main screen, tap **Options** again or turn the **Navigation dial** to select **Back** and tap **OK**.

Child Lock

To prevent children or infants from accidentally starting or setting the washer, Child Lock locks all buttons except for  and **Options**.

1. Tap **WASHER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **Child Lock**, and then tap **OK**.
3. Tap **OK** to select **On** or **Off**.

NOTE

- When Child Lock is on, all buttons are disabled except for  and **Options**. The washer door also locks.
- Tapping a button while Child Lock is on triggers an alarm with the "**Child Lock On**" message.
- You cannot open the door after a wash cycle when the Child Lock is on. Turn the function off before opening the door to take out the laundry.

Operations

AI Pattern

This function saves frequently used cycles and settings. When you turn the function on, the washer remembers the cycles you use most and their settings (Temp., Spin, and Soil) and displays them in frequency order.

1. Tap **WASHER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **AI Pattern**, and then tap **OK**.
3. Tap **OK** to select **On** or **Off**.
 - The default setting is **On**. Set it to **Off** if you do not want to use this function.
 - When you turn off the function, all the saved data resets.

My Cycles

Add or remove cycles to create a personal cycle list.

1. Tap **WASHER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **My Cycles**, and then tap **OK**.
 - You can only edit a cycle to create a personal cycle when the washer is not operating.
3. Turn the **Navigation dial** to select a desired cycle.
4. Tap **OK** to add or remove the selected cycle.
 - Addition and removal of the course is saved automatically.
5. Once you finish creating My Cycles, tap **Options** to return to the cycles screen.

NOTE

- The Self Clean+ cycle cannot be removed from the cycles list.
- You can also edit My Cycles in the SmartThings app.

Calibration

You can run calibration again for accurate weight detection.

1. Tap **WASHER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **Calibration**, and then tap **OK**.
 - Calibration does not start if the door is not closed properly.
 - The drum rotates clockwise and counterclockwise for about 3 minutes.
3. When calibration is complete, the "**Calibration complete**" message appears on the display and the washer turns off automatically.

Self Diagnosis

You can run this function to diagnose the Laundry Hub washer.

1. Tap **WASHER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **Self Diagnosis**, and then tap **OK**.
 - Your Laundry Hub will run the self diagnosis process.

Volume

You can adjust the sound from the washer.

1. Tap **WASHER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **Volume**, and then tap **OK**.
3. Tap **OK** to select the desired setting.
 - The default setting is Normal.
 - You can select from Normal, Max, Mute or Min.

NOTE

The setting remains unchanged even if you restart the washer.

Language

You can change the system language.

1. Tap **WASHER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **Language**, and then tap **OK**.
3. Turn the **Navigation dial** to select the desired language, and then tap **OK**.

Wi-Fi

You can turn the washer's Wi-Fi on or off.

1. Tap **WASHER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **Wi-Fi**, and then tap **OK**.
3. Tap **OK** to select **On** or **Off**.
 - The washer's Wi-Fi is off as a factory default setting. However, the washer's Wi-Fi turns on automatically when you turn on the washer for the first time. Then, the final Wi-Fi setting maintains regardless of the washer power status.
 - Once you turn on the washer's Wi-Fi and connect to a network, the washer remains connected to the network even when you turn off the power.
 - The Wi-Fi  indicates that the washer is connected to the router through the Wi-Fi connection.

Factory Reset

You can reset the washer.

1. Tap **WASHER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **Factory Reset**, and then tap **OK**.
 - Your washer resets to the factory setting.

Operations

Using dryer options

1. Tap **DRYER**, and then tap **Options**.
2. Turn the **Navigation dial** to select the desired option.
3. Tap **OK** to change the settings for selected option.

NOTE

- To return to the main screen, tap **Options** again or turn the **Navigation dial** to select **Back** and tap **OK**.
- If the selected function is not supported, the "**Currently not supported**" message is displayed, and the **OK** button is not activated.
- When you select an option, a brief help message appears for the first ten times of use.
- If you do not manipulate the control panel for 7 seconds after entering the Options menu, the display returns to the main screen.

Wrinkle Prevent

Reduces wrinkles by rotating the drum intermittently after completing the dry cycle. Wrinkle Prevent provides approximately 180 minutes. The load is dry and can be removed at any time during the Wrinkle Prevent cycle.

1. Tap **DRYER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **Wrinkle Prevent**, and then tap **OK**.
3. Tap **OK** to select **On** or **Off**.

Damp Alert

This function alerts you when shirts and other items that require ironing are dry enough to be suitable for ironing. This function is available for Normal, Heavy Duty, Bedding, Delicates, Perm Press, Towels and Denim with Dryness set to 2-5.

1. Tap **DRYER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **Damp Alert**, and then tap **OK**.
3. Tap **OK** to select **On** or **Off**.

Alarm during drying:

1. Touch and hold  to pause the cycle.
2. Open the door and take out the items you want to iron.
3. Close the door, and then touch and hold  to dry the remaining items.

AntiStatic

Reduces static electricity that occurs from clothing friction. This is done by spraying steam in a later stage of the drying cycle. The AntiStatic function is only available with Normal, Heavy Duty, Perm Press, Delicates, and Time Dry.

1. Tap **DRYER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **AntiStatic**, and then tap **OK**.
3. Tap **OK** to select **On** or **Off**.

Eco Dry

With the Eco Dry activated, drying takes a longer time but power consumption is reduced. This function is available with Normal and Time Dry.

1. Tap **DRYER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **Eco Dry**, and then tap **OK**.
3. Tap **OK** to select **On** or **Off**.

NOTE

The drying time can be extended by up to 3 times normal depending on the temperature and load. The Eco Dry function is enabled by default.

My Cycles

Add or remove cycles to create a personal cycle list.

1. Tap **DRYER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **My Cycles**, and then tap **OK**.
 - You can only edit a cycle to create a personal cycle when the dryer is not operating.
3. Turn the **Navigation dial** to select a desired cycle.
4. Tap **OK** to add or remove the selected cycle.
 - Addition and removal of a cycle is saved automatically.
5. Tap **Options** or select **Back** to finish My Cycles setting.

NOTE

The Normal cycle cannot be removed from the cycles list.

Operations

Drum Light

You can turn the drum light on or off.

1. Tap **DRYER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **Drum Light**, and then tap **OK**.
3. Tap **OK** to select **On** or **Off**.
 - The drum light turns on even when the dryer is off. (If the dryer is plugged into a power outlet.)
 - When the dryer door opens, the drum light automatically turns on and automatically turns off after 2 minutes.

Child Lock

To prevent children or infants from accidentally starting or setting the dryer, **Child Lock** locks all buttons except for  and **Options**.

1. Tap **DRYER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **Child Lock**, and then tap **OK**.
3. Tap **OK** to select **On** or **Off**.

NOTE

- When Child Lock is on, all buttons are disabled except for  and **Options**.
- Tapping a button while Child Lock is on triggers an alarm with the "Child Lock On" message.
- You cannot open the door after a wash cycle when the Child Lock is on. Turn the function off before opening the door to take out the laundry.

AI Pattern

This function saves frequently used cycles and settings.

1. Tap **DRYER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **AI Pattern**, and then tap **OK**.
3. Tap **OK** to select **On** or **Off**.
 - The default setting is **On**. Set it to **Off** if you do not want to use this function.
 - When you turn the function on, the dryer remembers frequently used cycles and their settings (Dryness, Temp. and Time) and save them in frequently used order.
 - When you turn off the function, all the saved data resets.

Volume

You can adjust the sound from the dryer.

1. Tap **DRYER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **Volume**, and then tap **OK**.
3. Tap **OK** to select the desired setting.
 - The default setting is Normal.
 - You can select from Normal, Max, Mute or Min.

NOTE

The setting remains unchanged even if you restart the dryer.

Wi-Fi

You can turn the dryer's Wi-Fi on or off.

1. Tap **DRYER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **Wi-Fi**, and then tap **OK**.
3. Tap **OK** to select **On** or **Off**.
 - The dryer's Wi-Fi is off as a factory default setting. However, the dryer's Wi-Fi turns on automatically when you turn on the dryer for the first time. Then, the final Wi-Fi setting maintains regardless of the dryer power status.
 - Once you turn on the dryer's Wi-Fi and connect to a network, the dryer remains connected to the network even when you turn off the power.
 - The Wi-Fi  indicates that the dryer is connected to the router through the Wi-Fi connection.

Language

You can change the system language.

1. Tap **DRYER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **Language**, and then tap **OK**.
3. Turn the **Navigation dial** to select the desired language, and then tap **OK**.

Vent Blockage Test

Detects the status of the ducts and reports any blockage or problems.

1. Tap **DRYER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **Vent Blockage Test**, and then tap **OK**.
 - Vent Blockage Test starts immediately.

Factory Reset

You can reset your dryer.

1. Tap **DRYER**, and then tap **Options**.
2. Turn the **Navigation dial** to select **Factory Reset**, and then tap **OK**.
 - Your dryer resets to the factory setting.

Operations

Special features

Smart Control (Smart Monitor for gas dryer models only)

You can connect to the SmartThings app and control your Laundry Hub remotely.

Connecting your Laundry Hub

1. Download and open the SmartThings app on your smartphone or tablet (Android & iOS).
2. Tap  to turn on the Laundry Hub.
3. Touch and hold .
 - a. The Laundry Hub enters AP mode and connects to your smartphone or tablet.
 - b. Tap  to authenticate your Laundry Hub.
 - c. Once the authentication process is complete, your Laundry Hub is successfully connected to the app.
 - You can use various features available in the SmartThings app.

NOTE

- If your Laundry Hub fails to connect with the SmartThings app, try again.
- Check your router if you experience any Internet connection problem after connecting your Laundry Hub with the SmartThings app.
- If the Wi-Fi is off, tap **Options**, and then select **Wi-Fi** to turn it on.
- Turning the Laundry Hub's Wi-Fi on allows you connect to the Laundry Hub via SmartThings app on your smartphone or tablet, regardless of the power status of the Laundry Hub. However, the Laundry Hub appears offline on the SmartThings app if the Laundry Hub's Wi-Fi is off.
- Close the door before starting the Smart Control function.
- If you use your Laundry Hub for a while without connecting it to the SmartThings app, a pop-up message about Smart Control will show for 3 seconds.
- If the Laundry Hub's Wi-Fi is not connected to an AP (access point), the Wi-Fi will turn off when you turn of the power.

Stay Connect

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

1. If you turn on the Stay Connect function on the SmartThings app, the Laundry Hub will stay in standby power saving mode after completing a cycle.
 - The Stay Connect function will remain active for up to 24 days if the door remains closed.
2. When the Stay Connect function is active, the Smart Control, Door Lock, and Wi-Fi icons are illuminated on your Laundry Hub display.
3. You can conveniently control your Laundry Hub, adding spin, soil cycles using the SmartThings app.

NOTE

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

SmartThings

Wi-Fi connection

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

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

Download

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

NOTE

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

Log in

You must first log into SmartThings with your Samsung account. To create a new Samsung account, follow the instructions on the app. You don't need a separate app to create your account.

NOTE

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

To register your appliance to SmartThings

1. Make sure your smartphone or tablet is connected to a wireless network. If not, go to **Settings** and turn on the wireless connection and select an AP (Access Point).
2. Open SmartThings on your smartphone or tablet.
3. If a message of "**A new device is found.**", select **Add**.
4. If no message appears, select **+** and select your appliance in a list of devices available. If your appliance is not listed, select **Device Type** > **Specific Device Model**, and then add your appliance manually.
5. Register your appliance to the SmartThings app as follows.
 - a. Add your appliance to SmartThings. Make sure your appliance is connected to SmartThings.
 - b. When registration is complete, your appliance appears on your smartphone or tablet.

Maintenance

Keep the Laundry Hub 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.

Self Clean+

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

1. Remove all items from the washer drum and ensure the drum is empty. Laundry left in the drum during the Self Clean+ cycle may be damaged.
2. Turn on the Laundry Hub and select the washer.
 - The washer is selected as a default.
3. Turn the **Navigation dial** to select **Self Clean+**.
4. Touch and hold .

CAUTION

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

NOTE

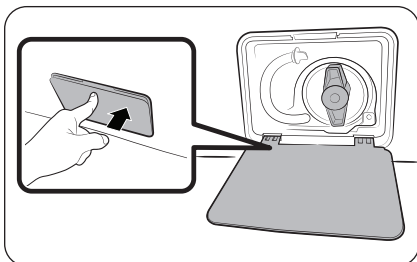
- The default water temperature for the Self Clean+ cycle is set to Warm. This temperature cannot be changed.
- In the case where residue is present in the washer drum, add liquid chlorine bleach to the MAX level line in the Manual detergent compartment before starting the Self Clean+ cycle. Do not add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

Self Clean+ reminder

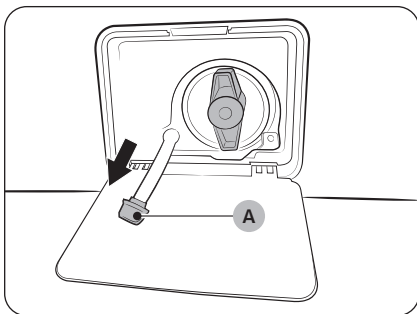
- After every 40 cycles, the washer displays the "**Drum Clean needed**" message for an hour to alert you to run the **Self Clean+** cycle.
- It is recommended to run the cycle regularly for hygienic purposes.
- You will see the **Self Clean+** alert message when the washer completes a cycle. If you open the door, the message disappears, and the display shows the **Self Clean+** cycle setting screen automatically. At this time, the dryer control panel displays the recommended drying cycle.
- The reminder will appear on the control panel for 5 additional consecutive cycles before turning off. The next reminder will not appear until another 40 cycles have been completed.

Emergency drain

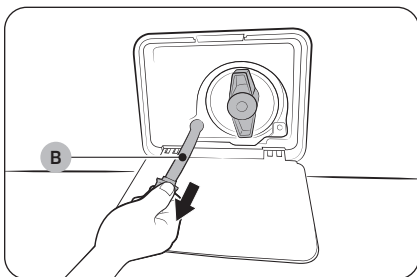
In case of a power failure, drain the water inside the drum before taking out the laundry.



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



3. Put an empty, spacious container around the cover, and stretch the emergency drain tube to the container while holding the **tube cap (A)**.



4. Open the tube cap and let water in the **emergency drain tube (B)** flow into the container.
5. When done, close the tube cap, and reinsert the tube. Then, close the filter cover.

NOTE

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

Maintenance

Cleaning

Surface of the Laundry Hub

- Use a soft cloth with a nonabrasive household detergent. Do not spray water onto the Laundry Hub.
- Protect the surface from sharp objects.
- Do not place any heavy or sharp objects or a detergent container on the Laundry Hub. They can scratch or damage the top cover of the Laundry Hub.
- The Laundry Hub has a high-gloss finish on the entire surface. Be careful not to scratch or damage the surface.

Control panel

- Clean with a soft, damp cloth. Do not use abrasive substances.
- Do not spray liquid cleaning agents directly onto the dryer display.
- Some laundry pre-treatment soil and stain removers may damage the control panel.
- When using liquid cleaning agents, apply them to the cleaning cloth. Do not apply them directly to the dryer. Wipe up any spills or overspray immediately.

Drum

- Remove any stains from the drum with an all-purpose cleaner.
- Tumble old towels or rags to remove any remaining stains or cleaning substances. Stains may still be visible, but will not affect subsequent loads.

Powder coated drum

To clean the powder coated drum, use a damp cloth with a mild, non-abrasive cleaner suitable for easily marred surfaces.

Remove cleaner residue and dry with a clean cloth.

Exhaust system

- Check and clean the exhaust system on a regular basis to maintain optimum performance.
- The external exhaust hood must be cleaned frequently to ensure proper air flow.

Vent sensor

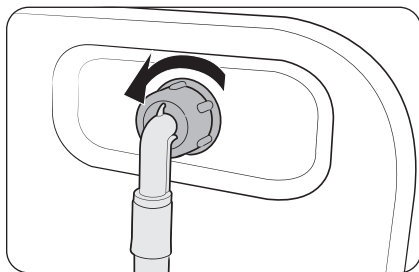
The dryer features a vent sensor that detects and notifies you when it is time to clean the ductwork. Check the following if you get the **“Check the lint filter or vent condition”** message when you turn on the dryer.

NOTE

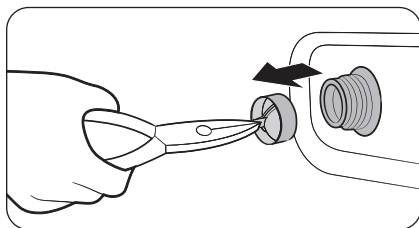
- For duct installation, see **Exhaust ducting guide** on page 40 and **Ducting requirements** on page 28.
- The dryer may keep running even if the duct is clogged, but the drying time will be extended.
- When you get the message check the lint filter and the ducts, and clean them if necessary.
- If the message keep appears, it is because the duct is installed or connected with some restrictions (it's too long or has too many bends). This is not a system failure. However, drying time may be extended or the drying performance may be degraded.

Mesh filter

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



1. Turn off the Laundry Hub, and unplug the power cord.
2. Close the water tap.
3. Loosen and disconnect the water hose from the back of the Laundry Hub. Cover the hose with a cloth to prevent water from gushing out.



4. Use pliers to pull out the mesh filter from the inlet valve.
5. Submerge the mesh filter deeply in water so that the threaded connector is also submerged.
6. Dry the mesh filter completely in the shade.
7. Reinsert the mesh filter into the inlet valve, and reconnect the water hose to the inlet valve.
8. Open the water tap.

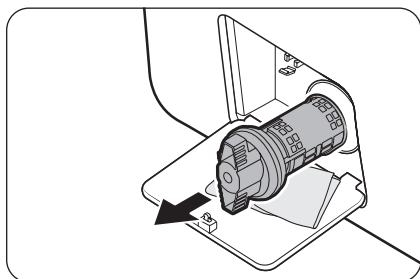
NOTE

If the mesh filter is clogged, an information code of **“Check water supply faucets and restart”** appears on the screen.

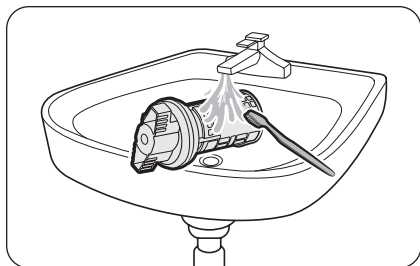
Maintenance

Debris filter

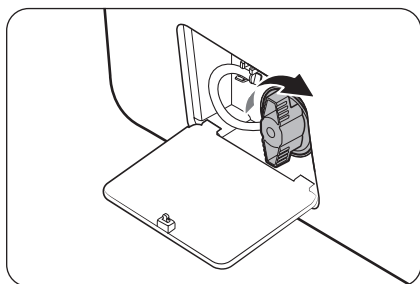
It is advisable to clean the debris filter every 2 months to prevent its clogging.



1. Turn off the Laundry Hub, and unplug the power cord.
2. Drain the remaining water inside the drum. See the **Emergency drain** section.
3. Gently press the top area of the **filter cover** to open.
4. Turn the debris filter knob to the left, and drain off the remaining water.



5. Clean the debris filter using soft brushes. Make sure the drain pump propeller inside the filter is unclogged.
6. Reinsert the debris filter, and turn the filter knob to the right.



NOTE

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

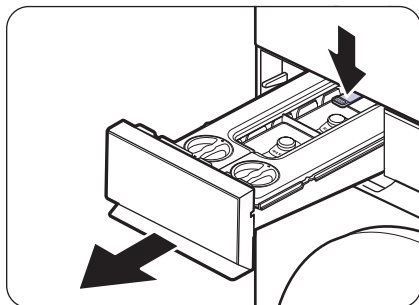
NOTE

If the pump filter is clogged, an information code of “**Clean drain filter**” appears on the screen.

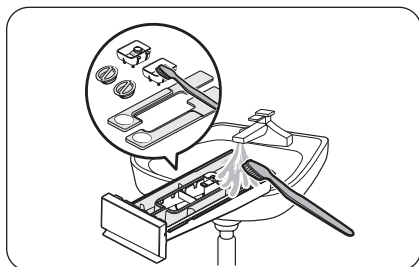
CAUTION

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

Detergent drawer



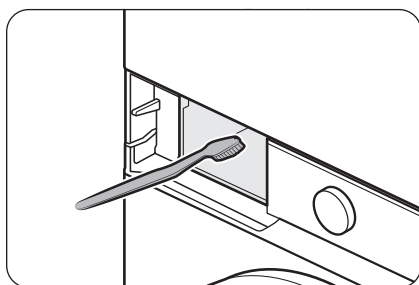
1. While holding down the **release lever** on the inner of the drawer, pull the detergent drawer to remove.



2. Remove the covers of both dispensers using the pull tabs located on the back of the lid, then clean inside the dispensers under warm running water with a soft brush.
3. Clean the drawer components in warm running water using a soft brush.
 - Wipe all components with a dry towel or cloth after cleaning.

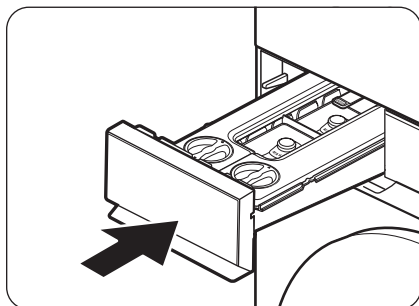
NOTE

If the cleaning agent in the dispenser is hardened, open the dispenser, and pour lukewarm water into the dispenser to dissolve the hardened agents. Then, clean inside the dispenser and its rear valve thoroughly.



4. Clean the drawer recess using a bottle brush to remove detergent residues and limescale on the drawer recess.

Maintenance



5. Insert the detergent drawer back into the Laundry Hub.

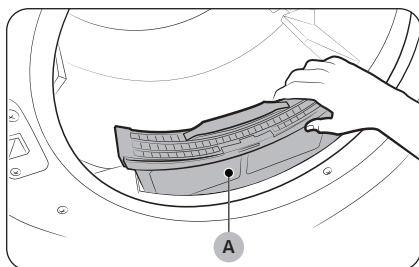
NOTE

- Make sure the drawer recess is completely dry before inserting the detergent drawer.
- Cover the covers of both dispensers and re-insert them into the drawer.

CAUTION

Do not spray water into the detergent drawer recess. This may result in electric shock or fire.

Lint filter



To prevent a risk of fire, make sure to clean the lint filter before or after every load.

1. Turn off the dryer.
2. Open the door and pull out the **lint filter (A)** from inside the drum.
3. Open the lint filter by separating it at the top. Remove the lint, and then clean the lint filter.
4. Close the lint filter, reinsert the lint filter into the dryer, and then close the dryer door.

CAUTION

- Do not operate the dryer without the lint filter in place.
- Do not use a damaged or broken lint filter. This may reduce performance and/or cause fire.

Care for preventing freezing

- Install the Laundry Hub in an area where the temperature does not drop below zero degrees Celsius.
- Before using the Laundry Hub, make sure the drain hose is not frozen. A frost inside the dryer may cause noise during operation, but it is temporary and is not a sign of product failure.
- If you connected the long drain hose for direct draining, 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.
- If the draining fails even after thawing the drain hose, the ice inside of the Laundry Hub might be the cause so operate the defrosting function.

Defrosting your Laundry Hub

The Laundry Hub may freeze when it drops below 0 °C.

1. Turn off the Laundry Hub, and unplug the power cord.
2. Pour warm water over the water tap to loosen the water hose.
3. Disconnect the water hose, and soak it in warm water.
4. Pour warm water into the drum and leave it for about 10 minutes.
5. Reconnect the water hose to the water tap.

NOTE

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

Care against an extended time of disuse

Avoid leaving the Laundry Hub unused for an extended time. If this is the case, drain the Laundry Hub and unplug the power cord.

1. Turn on the Laundry Hub and select the washer.
 - The washer is selected as a default.
2. Turn the **Navigation dial** to select **Denim**.
3. Empty the drum, and then touch and hold ▷||.
4. When the cycle is complete, close the water tap and disconnect the water hose.
5. Turn off the Laundry Hub, and unplug the power cord.
6. Open the door to let air circulate through the drum.

Troubleshooting

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

If the problem continues, contact a service center.

Checkpoints

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

Problem	Action
Does not start.	• Make sure the Laundry Hub is plugged in. • Make sure the door is properly closed. • Make sure the water taps are open. • If you opened the door during a cycle, touch and hold ▷ again. • Make sure Child Lock is not activated. • Before the washer starts to fill, it will make a series of clicking noises to check the door lock and will do a quick drain. • Check the fuse or reset the circuit breaker. • Check if power is supplied properly. • Low voltage detected. - 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 and hot water taps are properly connected. • Clean the mesh filter as it may be clogged.
After a cycle, detergent remains in the detergent drawer.	• Make sure the Laundry Hub is running with sufficient water pressure. • Make sure the detergent is added to the center of the detergent drawer. • Make sure the rinse cap is inserted properly. • If using granular detergent, make sure the detergent selector is in the upper position. • Remove the rinse cap and clean the detergent drawer.

Problem	Action
Excessive vibrations or makes noise.	• Make sure the Laundry Hub is installed on a level, solid floor that is not slippery. If the floor is not level, use the leveling feet to adjust the height of the washer. • Make sure the shipping bolts are removed. • Make sure the Laundry Hub 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. • Look for coins, loose buttons, nails, and other objects and remove them immediately. • Redistribute the load in the washer. If only one item of clothing needs washing, such as a bathrobe or pair of jeans, the final spin result might be unsatisfactory, and an "Unbalanced load detected" check message will be shown on the display. • Check the lint filter in the dryer. Remove any items stuck inside the lint filter. • The dryer may hum due to air moving through the drum and fan. This is normal.
Does not drain and/or spin.	• Make sure the drain hose is straightened all the way to the drain system. If you encounter a drain problem, call for service. • Make sure the debris filter is not clogged. • Close the door and touch and hold ▷ . For your safety, the washer will not tumble or spin unless the door is closed. • Make sure the drain hose is not frozen or clogged. • Make sure the drain hose is connected to a drain system that is not clogged. • If the Laundry Hub is not supplied with sufficient power, the washer will temporarily not drain or spin. As soon as the Laundry Hub regains sufficient power, it will operate normally. • Make sure the drain hose is positioned correctly, depending on the connection type. • Clean the debris filter as it may be clogged.

Troubleshooting

Problem	Action
The door does not open.	• Tap▷ to stop the washer. • It may take a few moments for the door lock mechanism to disengage. • The door will not open until 3 minutes after the washer has stopped or the power has been turned off. • Make sure all the water in the drum is drained. • The door may not open if water remains in the drum. Drain the drum and open the door manually. • Make sure the door lock light is off. The door lock light turns off after the washer has drained.
Excessive suds.	• Make sure you use the recommended types of detergent as appropriate. • Use high efficiency (HE) detergent to prevent oversudsing. • Reduce the detergent amount for soft water, small loads, or lightly soiled loads. • Non-HE detergent is not recommended.
Cannot add additional detergent.	• Make sure the remaining amount of detergent and fabric softener is not over the limit.
Stops.	• Plug the power cord into a live electrical outlet. • Check the fuse or reset the circuit breaker. • Close the door, and touch and hold▷ to start the washer. For your safety, the washer will not tumble or spin unless the door is closed. • Before the washer starts to fill, it will make a series of clicking noises to check the door lock and will do quick drain. • There may be a pause or soak period in the cycle. Wait briefly, and the washer may start. • Make sure the mesh filter of the water supply hose at the water taps is not clogged. Periodically clean the mesh filter. • If the washer is not supplied with sufficient power, the washer will temporarily not drain or spin. As soon as the washer regains sufficient power, it will operate normally.

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 washer fills, the water temperature may change as the automatic temperature control feature checks the incoming water temperature. This is normal. - While the washer fills, you may notice just hot and/or just cold water going through the dispenser when cold or warm temperatures are selected. This is a normal function of the automatic temperature control feature as the washer determines the water temperature.
Load is wet at the end of a cycle.	- Use the High or Extra High spin speed. - Use high efficiency (HE) detergent to reduce oversudsing. - The 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.
Has odors.	- Excessive suds collect in recesses and can cause foul odors. - Run cleansing cycles to sanitise periodically. - Clean the door seal (diaphragm). - Dry the washer interior after a cycle has finished.
A message appears on the display to alert that the dispenser is open.	- Check if the detergent drawer is closed properly. - Open the detergent drawer and close it again. Make sure it's closed properly.

Troubleshooting

Problem	Action
The "Refill detergent(s)" message does not disappear after refilling the detergent/softener.	- After refilling the auto detergent/softener dispensers, close the detergent drawer, and then touch and hold ▷ . Then, the Laundry Hub will start to detect the detergent/softener, and the message will disappear. - Depending on the type of detergent/softener, the message may not disappear immediately.
Detergent/softener is not dispensed.	- Check if the Amount option for Dispenser1 or Dispenser 2 is set to Off. The automatic dispensers do not dispense the detergent if the option is set to Off. - Tap Options, select Dispenser1 or Dispenser 2, and then change the Amount option. - The automatic dispensers are disabled in the Delicates, Outdoor, Activewear or Wool cycles. To dispense detergent in those cycles, tap Options, select Dispenser1 or Dispenser 2, and then change the Amount option.
An excessive or insufficient amount of detergent is dispensed.	Check the Amount option for Dispenser1 or Dispenser 2. Tap Options, select Dispenser1 or Dispenser 2, and then change the Amount option.
The dryer does not warm up.	- Check your home's circuit breakers or fuses. - Some cycles do not require heat. Check the selected cycle again. - For a gas dryer, make sure the gas supply is on. - Clean the lint filter and exhaust duct. - The dryer may have moved into the cool-down phase of the cycle. - Turn off the Eco Dry option for the Normal or Time Dry cycles. When the Eco Dry option is on, the dryer performs an air dry process in the beginning of the cycle to reduce energy consumption. The air dry process does not use heated air, so you may feel that the dryer is not being heated, but this is normal.

Problem	Action
Items are not dried.	Check all of the above. Additionally: • Make sure the exhaust hood outside your home can open and close freely. • Check the exhaust system for lint buildup. Ducting should be inspected and cleaned annually. • Use a 4" rigid metal exhaust duct. • Do not overload. 1 wash load = 1 dryer load. • Dry heavy items and light weight items separately. • Large, bulky items, such as blankets or comforters, may require repositioning to ensure even drying. • Make sure that your washer is draining properly and extracting adequate water from the load. • The load may be too small to tumble properly. Add a few towels and restart the dryer. • The load may be too large to tumble properly. Remove some items and restart the dryer. • Clean the lint filter.
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.
The dryer is too loud.	• Look for coins, loose buttons, nails, and other objects and remove them immediately. • Check the lint filter. Remove any items stuck inside the lint filter. • Make sure the dryer is level and standing firmly on the floor. • The dryer may hum due to air moving through the drum and fan. This is normal. • It is normal to hear the dryer gas valve or heating element cycle on and off during the drying cycle.
There is a smell coming from the dryer.	• The smell of paint, varnish, cleaning agents, and other household items could have circulated in the air and entered the dryer. If you notice such a smell, ventilate completely before using the dryer. • If drying in an enclosed area, the dryer could cause the ambient temperature to rise. Accordingly, make sure to open a window and ventilate the area. • Do not attempt to dry wet items after leaving them in the washer or dryer for a long time.
The dryer turns off before the items are dry.	• The load is too small. Throw in a few additional items like towels and try drying again.

Troubleshooting

Problem	Action
The clothes have lint on them.	- Always make sure the lint filter is clean before putting items into the dryer. 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.
Water is not draining.	- Check the draining hose for twists and kinks. Straighten out the hose if it is twisted or kinked and securely connect it to the drain on the floor. - Check to see if the draining hose is frozen. If the hose is frozen, submerge it in warm water to allow the water inside the hose to melt and drain out. Reconnect the hose and check for proper draining.
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.
Water drips from the nozzle when the Steam cycles starts.	This is steam condensation. The dripping water will stop after a short time.
Sprayed water is not visible during Steam cycles.	Sprayed water is difficult to see when the door is closed.
Extended time.	Sensor Dry automatically senses the moisture in the load and shuts the dryer off when the selected dryness level is reached. The drying time can change according to the type and amount of laundry. See the cycle chart for reference.

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

Information codes

If the Laundry Hub fails to operate, you may see an information code on the screen. Check the table below and try the suggestions.

Code	Action
Clean drain filter	Water is not draining from the washer. • Make sure the drain hose is not frozen or clogged. • Make sure the drain hose is positioned correctly, depending on the connection type. • Clean the debris filter as it may be clogged. • Make sure the drain hose is straightened all the way to the drain system. • If the information code remains, contact a customer service center.
Check water supply faucets and restart	Water is not supplied to the washer. • Make sure the water taps are open. • Make sure the water hoses are not clogged. • Make sure the water taps are not frozen. • Make sure the washer is running with sufficient water pressure. • Make sure that the cold and hot water taps are properly connected. • Clean the mesh filter as it may be clogged. • All buttons will be disabled for 3 minutes after the information code appears. • When the "Check water supply faucets and restart" message appears, the machine drains water for 3 minutes. In the meantime, the Power button will be disabled.
Check water lines	• Make sure the cold water supply hose is firmly connected to the cold water tap. If it is connected to the hot water tap, the laundry may be deformed with some cycles.
Unbalanced load detected	Spinning does not work. • Make sure laundry is spread out evenly. • Make sure the washer is on a flat, stable surface. • Redistribute the load. If only one item of clothing needs washing, such as a bathrobe or pair of jeans, the final spin result might be unsatisfactory, and an "Unbalanced load detected" check message will be shown on the display.
Door is open / Close the washer door and try again / Close the dryer door and try again	Operating the washer or dryer with the door open. • Make sure the door is properly closed. • Make sure laundry is not caught in the door.

Troubleshooting

Code	Action
OC	Water has overflowed. - Restart after spinning. - If the information code remains on the display, contact a local Samsung service center.
LC, LC1	Check the drain hose. - Make sure the end of the drain hose is not placed on the floor. - Make sure the drain hose is not clogged. - If the information code remains, contact a customer service center.
3C	Check the drum motor for operation. - Try restarting the cycle. - If the information code remains, contact a customer service center.
HC	High temperature heating check. - Clean the lint filter. - If this information code remains, contact a Samsung service center.
1C	The Water Level sensor is not working properly. - Turn the machine off, and restart the cycle. - If the information code remains, contact a customer service center.
AC	Check communications between main and sub PBAs. - Turn the machine off, and restart the cycle. - If the information code remains, contact a customer service center.
AC6	Check communications between the main and the inverter PBAs. - Depending on the state, the machine may automatically return to normal operation. - Turn the machine off, and restart the cycle. - If the information code remains, contact a customer service center.
DC1	The Main Door lock/unlock is not working properly. - Turn the machine off, and restart the cycle. - If the information code remains, contact a customer service center.
FC	Invalid power source frequency - Try restarting the cycle. - If this continues, call for service.
9C1	The electronic control needs to be checked. - Check if power cord is connected properly. - Check if the electrical outlet is working properly. - If this continues, call for service.

Code	Action
dF	Incorrect door switch. • Call for service.
tC	Air temperature sensor problem • Call for service.
tC5	The Thermistor2 resistance is very low or high. • Check for a clogged lint screen. • Check if the vent system is restricted. • If this information code remains, contact a Samsung service center.
TCP	There is a problem with the relay overheat detection sensor on the PBA. • Turn the machine off and restart the cycle. • If the information code remains, contact a customer service center.
HCP	Abnormal overheating was detected on the relay on the PBA that controls the heater. • Unplug the dryer's power plug. • If the information code remains, contact a customer service center.
CLg	The vent is clogged. 1. Clean the lint filter. 2. Check your vent condition. (Refer to the "Ducting requirements" section) * You must take measures (such as cleaning) through expert personnel.

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

Specifications

Fabric care chart

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

Washing

	95 °C normal wash.
	60 °C normal wash.
	60 °C mild wash.
	40 °C normal wash.
	40 °C mild wash.
	40 °C very mild wash.
	30 °C normal wash.
	30 °C mild wash.
	30 °C very mild wash.
	Hand wash.
	Do not wash.

NOTE

The numbers in the wash tub specify the maximum washing temperatures in degrees celsius which must not be exceeded.

Bleaching

	Any bleach allowed.
	Only oxygen bleach allowed.
	Do not bleach.

Tumble Dry Cycles

	Dry
	Normal
	Permanent Press
	Delicate/Gentle
	Do Not Dry (Used with Do Not Wash)
	Do Not Tumble Dry
	In the Shade (Added to Line Dry, Drip Dry or Dry Flat)
	Line Dry/ Hang to Dry
	Drip Dry
	Dry Flat

Tumble Dry Heat Setting

	Any Heat
	High
	Medium
	Low
	No Heat/ Air

Ironing

	Iron at maximum sole plate temperature of 200 °C.
	Iron at maximum sole plate temperature of 150 °C.
	Iron at maximum sole plate temperature of 110 °C. Caution when using steam irons (work without steam).
	Do not iron.

NOTE

The dots indicate the temperature ranges for ironing (regulator, steam, travel irons and ironing machines).

Professional care

	Professional dry-cleaning in perchloroethylene and/or hydrocarbons (heavy benzines) with normal process.
	Professional dry-cleaning in perchloroethylene and/or hydrocarbons (heavy benzines) with gentle process.

	Professional dry-cleaning in hydrocarbons (heavy benzines) with normal process.
	Professional dry-cleaning in hydrocarbons (heavy benzines) with gentle process.
	Do not dry-clean.
	Professional wet-cleaning.
	Mild professional wet-cleaning.
	Very mild professional wet-cleaning.
	Do not wet-clean.

NOTE

- The letters in a circle indicate the solvents (P, F) used in dry cleaning or wet cleaning (W).
- Generally, the line under the symbol indicates a milder treatment (e.g. gentle cycle for easy-care items). The double line indicates care levels with particularly gentle treatment.

Specifications

Protecting the environment

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

Declaration of conformity

This appliance complies with UL2157.

Specification sheet

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

Type			Laundry Hub Washer	
Model name			WH53DBH7****	WH46DBH50*** WH46DBH55***
Maximum load capacity (cu.ft)			5.3	4.6
Dimensions (in. (mm))	Width		27.0 (686)	27.0 (686)
	Height		74.4 (1890)	74.4 (1890)
	Depth		34.4 (875)	31.3 (796)
Water pressure (psi (kPa))			20-116 (137-800)	
Net weight (lb (kg))			346.0 (155.0)	333.0 (145.0)
Power consumption (W)	Washing and heating	AC 120 V / 60 Hz / 15 AMP	1150	
Spin revolution (rpm)			1200	

Type		Laundry Hub Dryer	
Model name		WH53DBH7****	WH46DBH50**** WH46DBH55****
Maximum load capacity (cu.ft)		7.6	
Dimensions (in. (mm))	Width	27.0 (686)	27.0 (686)
	Height	74.4 (1890)	74.4 (1890)
	Depth	34.4 (875)	31.3 (796)
Water pressure (psi (kPa))		20-116 (137-800)	
Net weight (lb (kg))		346.0 (155.0)	333.0 (145.0)
Power consumption (W)		5400	
Heater rating	Electric (W)	5300	
	Gas (BTU/hr)	20000	

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.

LIMITED WARRANTY (U.S.A.)

SAMSUNG Laundry Hub

LIMITED WARRANTY TO ORIGINAL CONSUMER PURCHASER WITH PROOF OF PURCHASE AND/OR PROOF OF DELIVERY

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

Parts and labor: One (1) year

Stainless tub part (Part Only, Washer Only) : Three (3) years

DIT (Digital Inverter Motor) motor part (Part Only, Washer Only) :

- Ten (10) years

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

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

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

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

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

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

EXCLUSION OF IMPLIED WARRANTIES

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

LIMITED WARRANTY (U.S.A.)

LIMITATION OF REMEDIES

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

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

To obtain warranty service, please contact SAMSUNG at:

Samsung Electronics America, Inc.

85 Challenger Road

Ridgefield Park, NJ 07660

1-800-SAMSUNG (726-7864)

www.samsung.com/support

Warranty (CANADA)

SAMSUNG Laundry Hub

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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Warranty (CANADA)

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

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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.

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

Although Samsung Canada provides information on the maintenance and/or repair of goods for select Samsung products (please visit samsung.com/ca/support/self-repair for more information), Samsung Canada **does not guarantee** the availability of information that is necessary to maintain or repair Samsung products 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.

DISCLAIMER OF LIABILITY

Samsung is not liable for any damage or defect determined to be caused by repair by a non-authorized service provider, self-repair or non-professional repair of the product. Samsung is not liable for any resulting damage to the product, person, or property, or any injury or other product safety issue caused by or resulting from any repair, or any attempt to repair, any diagnosis, maintenance, or modification performed by any person, including, but not limited to, any of the following: (i) any indirect, incidental, special, or consequential damages (including but not limited to, damage to or loss of personal or commercial property, damage to reputation, loss of use, cost of purchase of replacement goods, etc.); (ii) any loss of data, goodwill, privacy, or profits or loss of business opportunity; and (iii) any inability to use, or reduced functionality of, the product. Any damage or defect to product resulting from a repair, or an attempt to repair, the product by any person (other than a Samsung certified service provider) will not be covered by the warranty. Samsung's liability shall be limited to the greatest extent permitted by law.

Warranty (CANADA)

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Memo

Memo

Memo

SAMSUNG



For Washer Only



For Dryer Only

To find out if your model is ENERGY STAR certified, go to www.energystar.gov. ENERGY STAR certified models qualify in these factory default setting: "Normal + Eco dry" If you change the factory default setting or enable other features, power consumption could increase and exceed the limits qualified for ENERGY STAR.



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www.samsung.com/spsn
to view our helpful
How-to Videos and Live Shows

*Requires reader to be installed on your smartphone

Scan this with your smartphone

QUESTIONS OR COMMENTS?

COUNTRY	CALL	OR VISIT US ONLINE AT
U.S.A - Consumer Electronics	1-800-SAMSUNG (726-7864)	www.samsung.com/support
CANADA	1-800-Samsung (726-7864)	