

WD10F8K9ABG



# Washing Machine

## user manual

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# safety information

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

## WHAT YOU NEED TO KNOW ABOUT SAFETY INSTRUCTIONS













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

## IMPORTANT SAFETY SYMBOLS AND PRECAUTIONS

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### What the icons and signs in this user manual mean:

 <b>WARNING</b>	Hazards or unsafe practices that may result in <b>severe personal injury, death and/or property damage.</b>
 <b>CAUTION</b>	Hazards or unsafe practices that may result in <b>personal injury and/or property damage.</b>
 <b>CAUTION</b>	To reduce the risk of fire, explosion, electric shock, or personal injury when using your washer, follow these basic safety precautions:
 <b>CAUTION</b>	To reduce the risk of fire or explosion, follow these basic precautions.
	Do NOT attempt.
	Do NOT disassemble.
	Do NOT touch.
	Follow directions explicitly.
	Unplug the power plug from the wall socket.
	Make sure the machine is grounded to prevent electric shock.
	Call the service centre for help.
	Note


**These warning signs are here to prevent injury to you and others.**

**Please follow them explicitly.**

**After reading this section, keep it in a safe place for future reference.**

-  Read all instructions before using the appliance.

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

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

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

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

**For use in Europe:** This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.

Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

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

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

The new hose-sets supplied with the appliance are to be used and that old hose-sets should not be reused.

**CAUTION:** In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, this appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.

# safety information

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## **ATTENTION (COMBO MODEL)**

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The tumble dryer is not to be used if industrial chemicals have been used for cleaning.

The lint trap has to be cleaned frequently, if applicable.

Lint must not be allowed to accumulate around the tumble dryer (not applicable for appliances intended to be vented to the exterior of the building).

Adequate ventilation has to be provided to avoid the back flow of gases into the room from appliances burning other fuels, including open fires.

Do not dry unwashed items in the tumble dryer.

Items that have been soiled with substances such as cooking oil, acetone, alcohol, petrol, kerosene, spot removers, turpentine, waxes and wax removers should be washed in hot water with an extra amount of detergent before being dried in the tumble dryer.

Items such as foam rubber (latex foam), shower caps, waterproof textiles, rubber backed articles and clothes or pillows fitted with foam rubber pads should not be dried in the tumble dryer.

Fabric softeners, or similar products, should be used as specified by the fabric softener instructions.

The final part of a tumble dryer cycle occurs without heat (cool down cycle) to ensure that the items are left at a temperature that ensures that the items will not be damaged.

Remove all objects from pockets such as lighters and matches.



**WARNING:** Never stop 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.

## **INSTALLATION INSTRUCTION (COMBO MODEL)**

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Exhaust air must not be discharged into a flue which is used for exhausting fumes from appliances burning gas or other fuels.

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

The appliance must not be installed behind a lockable door, a sliding door or a door with a hinge on the opposite side to that of the tumble dryer, in such a way that a full opening of the tumble dryer door is restricted.



**To minimize the risk of fire in a tumble dryer, the following should be observed:**

Items that have been spotted or soaked with vegetable or cooking oil constitute a fire hazard and should not be placed in a tumble dryer. Oil-affected items can ignite spontaneously, especially when exposed to heat sources such as in a tumble dryer. The items become warm, causing an oxidation reaction in the oil. Oxidation creates heat. If the heat cannot escape, the items can become hot enough to catch fire. Piling, stacking or storing oil-affected items can prevent heat from escaping and so create a fire hazard. If it is unavoidable that fabrics that contain vegetable or cooking oil or have been contaminated by hair care products be placed in a tumble dryer they should first be washed in hot water with extra detergent – this will reduce, but not eliminate, the hazard. The ‘cool down’ cycle of tumble dryers should be used to reduce the temperature of the items. They should not be removed from the tumble dryer or piled or stacked while hot.

Items that have been previously cleaned in, washed in, soaked in or spotted with petrol/gasoline, dry-cleaning solvents or other flammable or explosive substances should not be placed in a tumble dryer. Highly flammable substances commonly used in domestic environments include acetone, denatured alcohol, petrol/gasoline, kerosene, spot removers(some brands), turpentine, waxes and wax removers.

Items containing foam rubber(also known as latex foam) or similarly textured rubber. Like materials should not be dried in a tumble dryer on a heat setting. Foam rubber materials can, when heated, produce fire by spontaneous combustion.

Fabric softeners or similar products should not be used in a tumble dryer to eliminate the effects of static electricity unless this practice is specifically recommended by the manufacturer of the fabric softener or product.

Undergarments that contain metal reinforcements should not be placed in a tumble dryer. Damage to the tumble dryer can result if metal reinforcements come loose during drying. When available a drying rack could be used for such items.

Plastic articles such as shower caps or babies' waterproof napkin covers should not be placed in a tumble dryer.

Rubber-backed articles, clothes fitted with foam rubber pads, pillows, galoshes and rubbercoated tennis shoes should not be placed in a tumble dryer.



Do not dry unwashed items in the tumble dryer(or washing machine drying mode,etc).

Items that have been soiled with substances such as cooking oil, acetone, alcohol, petrol, Kerosene, spot removers, turpentine, waxes and wax removers should be washed in hot water with an extra amount of detergent before being dried in the tumble dryer.

Items such as foam rubber(latex foam), shower caps, waterproof textiles, rubber backed articles and clothes or pillows fitted with foam rubber pads should not be dried in the tumble dryer.

Fabric softeners, or similar products, should be used as specified by the fabric softener instructions.

The final part of a tumble dryer cycle occurs without heat(cool down cycle) to ensure that the items are left at a temperature that ensures that the items will not be damaged.

Oil-affected items can ignite spontaneously, especially when exposed to heat sources such as in a tumble dryer. The items become warm, causing an oxidation reaction in the oil. Oxidation creates heat. If the heat cannot escape, the items can become hot enough to catch fire. Piling, stacking or storing oil-affected items can prevent heat from escaping and so create a fire hazard.

If it is unavoidable that fabrics that contain vegetable or cooking oil or have been contaminated by hair care products be placed in a tumble dryer they should first be washed in hot water with extra detergent - this will reduce, but not eliminate, the hazard.



Never stop 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.

# safety information

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## SEVERE WARNING SIGNS FOR INSTALLATION

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

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

The appliance is heavy, take care upon lifting it

Plug the power cord into an AC 220-240V/50Hz wall socket or higher and use the socket for this appliance only. In addition, 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. Failure Plug the power plug into the wall socket firmly.

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

- Unplug the power plug and clean it with a dry cloth.
- Failure to do so may result in electric shock or fire.

Plug the power plug into the wall socket in the right direction so that the cord runs 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 well out of the reach of children, as packaging materials can be dangerous to children.

- If a child places a bag over its head, it may result in suffocation.

When the appliance or power plug or power cord is damaged, contact your nearest service centre.



This appliance must be properly grounded.

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

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



Do not install this appliance near a heater, inflammable material.

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

Do not install this appliance in a location of low temperature

- Frost may cause tubes to burst

Do not install this appliance in a location where gas may leak.

- This may result in electric shock or fire.

Do not use an electric transformer.

- It 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 pull the power cord, when unplugging the power plug.

- Unplug the power plug by holding the plug.
- Failure to do so may result in electric shock or fire.

Do not lay the power cord and tubes where you may fall over them.



## CAUTION SIGNS FOR INSTALLATION

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- This appliance should be positioned in such a way that it is accessible to the power plug.
- Failure to do so may result in electric shock or fire due to electric leakage.

Install your appliance on a level and hard floor that can support its weight.

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



## SEVERE WARNING SIGNS FOR USING

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- If the appliance is flooded, cut the water supply and power immediately and contact your nearest service centre.

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

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

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

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

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


Do not let children play in or on the washer. In addition, when disposing of the appliance, remove the washer door lever.

- If trapped inside, the child may become trapped and suffocate to death.

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

# safety information

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

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

Do not open the washer door by force while it is operating (high-temperature washing/drying/spinning).

- Water flowing out of the washer may result in burns or cause the floor to be slippery.

This may result in injury.

- Opening the door by force may result in damage to the product or injury.

Do not insert your hand under the washer.

- This may result in injury.

Do not touch the power plug with wet hands.

- This may result in electric shock.

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

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

Do not let children or infirm persons use this washer unsupervised. Do not let children climb in the appliance

- Failure to do so may result in electric shock, burns or injury.

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


- This may result in injury.

Do not unplug the appliance by pulling at the power cord, always grip plug firmly and pull straight out from the outlet.

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

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

- Do not use any fuse (such as copper, steel wire, etc.) other than the standard fuse.
  - When repairing or reinstalling the appliance is required, contact your nearest service centre.
  - Failure to do so may result in electric shock, fire, problems with the product, or injury.
- 

-  If any foreign substance such as water has entered the appliance, unplug the power plug and contact your nearest service centre.

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

When the water supply hose comes loose from the faucet and floods the appliance, unplug the power plug.

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

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

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



## CAUTION SIGNS FOR USING

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

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

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

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

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

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

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

If a drain 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 due to electric leakage.

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

- If laundry gets caught in the door, it may result in damage to the laundry or the washer, or result in water leakage.

Ensure that the faucet is turned off when the washer is not being used.

- Ensure that the screw on the water supply hose connector is properly tightened.
- Failure to do so may result in property damage or injury.

Check if the rubber seal is not contaminated by foreign substances (waste, thread, etc).

- If the door is not closed completely, it may result in water leakage.

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

- If the screws or the water supply hose connector are loose, it may result in water leakage.

To reduce the risk of fire or explosion:

- Under certain conditions, hydrogen gas may be produced in a hot water system such as your hot water heater that has not been used for two weeks or more. **HYDROGEN GAS IS EXPLOSIVE.** If your hot water system has not been used for two weeks or more, turn on all hot water taps in your home, and let the water flow for several minutes before using your washing machine. This will release any hydrogen gas build-up. Since hydrogen gas is flammable, do not smoke or light an open flame during this time. Ventilate immediately without touching the power plug if there is a gas leak.

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

The use for business purposes qualifies as product misuse.

In this case, the product will not be covered by the standard warranty provided by Samsung and no responsibility can be attributed to Samsung for malfunctions or damages resulting from such misuse.

# safety information

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

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

Do not spray volatile material such as insecticide onto the surface of the appliance.

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

Do not place an object that generates an electromagnetic field near the washer.

- This may result in injury due to a malfunction.

Since the water drained during a high-temperature wash or drying cycle is hot, do not touch the water.

- This may result in burns or injury.

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

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

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

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

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

Do not touch the inside of the tub during or just after drying as it is hot.

- This may result in burns.

Do not insert your hand into the detergent box after opening it.

- This may result in injury as your hand may be caught by the detergent input device. Do not place any objects (such as shoes, food waste, animals) other than laundry into the washer.
- This may result in damage to the washer, or injury and death in the case of pets due to the abnormal vibrations.

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

- This may result in electric shock or injury.

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

- This may result in the rubber seal becoming deformed and water leakage.

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

- This may cause the tub to rust.
- If rust starts appearing on the surface of the tub, apply a cleansing agent (neutral) 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 of the oxidation of the oil.

Do not use hot water from water cooling/heating devices.

- This may result in problems with the washer.

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

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

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

- Place socks and brassieres into the washing net and wash them with the other laundry.
- 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 water leakage.

For washing machines with ventilation openings in the base, ensure that the opening is not obstructed by carpet or any other obstacles.

Make sure that the pockets of all clothing to be washed are empty.

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

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

That the tumble dryer is not to be used if industrial chemicals have been used for cleaning.

Remove all objects from pockets such as lighters and matches.

That the appliance must not be installed behind a lockable door, a sliding door or a door with a hinge on the opposite side to that of the tumble dryer, in such a way that a full opening of the tumble dryer door is restricted.



## **SEVERE WARNING SIGNS FOR CLEANING**

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

Do not use the strong acid 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.

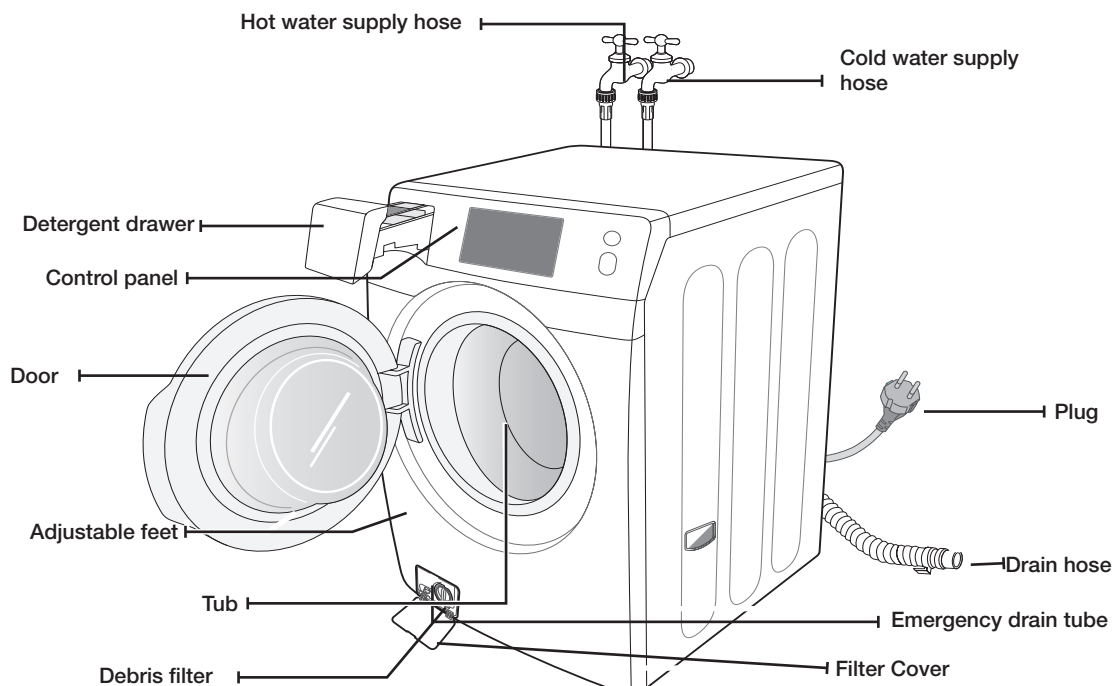
- Failure to do so may result in electric shock or fire.

# setting up your washing machine

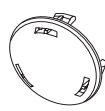
Be sure to have your installer follow these instructions closely so that your new washing machine works properly and so that you're not at risk of injury when doing laundry.

## CHECKING THE PARTS

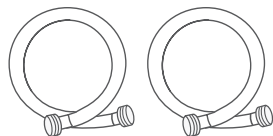
Carefully unpack your washing machine, and make sure you've received all of the parts shown below. If your washing machine was damaged during shipping, or if you do not have all of the parts, contact Samsung Customer Service or your Samsung dealer.



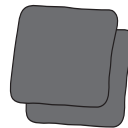
Spanner



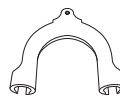
Bolt hose covers




Water supply hose



Anti-slip pads



Hose guide

 \* Bolt hole covers : The number of bolt hole covers depends on the model (3~6 covers).

## MEETING INSTALLATION REQUIREMENTS

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### Electrical supply and grounding

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To prevent unnecessary risk of fire, electrical shock, or personal injury, all wiring and grounding must be done in accordance with the National Electrical Code ANSI/FNPA, No. 70 Latest Revision and local codes and ordinances. It is the personal responsibility of the appliance owner to provide adequate electrical service for this appliance.



Never use an extension cord.  
**WARNING** Use only the power cord that comes with your washing machine.

When preparing for installation, ensure that your power supply offers:

- 220V~240V 50Hz fuse or circuit breaker
- Individual branch circuit serving only your washing machine

Your washing machine must be grounded. If your washing machine malfunctions or breaks down, grounding will reduce the risk of electric shock by providing a path of least resistance for the electric current.

Your washing machine comes with a power cord having a three-prong grounding plug for use in a properly installed and grounded outlet.



Never connect the ground wire to plastic plumbing lines, gas lines, or hot water pipes.

Improperly connecting the equipment-grounding conductor can result electrical shock. Check with a qualified electrician or serviceman if you are unsure if the washing machine is properly grounded. Do not modify the plug provided with the washing machine. If it does not fit the outlet, have a proper outlet installed by a qualified electrician.

### Water Supply

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Your washing machine will fill properly when your water pressure is 50 kPa ~ 800 kPa. Water pressure less than 50 kPa may cause water valve failure, not allowing the water valve to shut off completely. Or, it may take the washing machine longer to fill than what the controls allow, resulting in your washing machine turning off. (A fill-time limit, designed to prevent overflows/flooding if an internal hose becomes loose, is built into the controls.)

The water taps must be within 4 feet (122cm) of the back of your washing machine for the provided inlet hoses provided to reach your washing machine.



Most plumbing supply stores sell inlet hoses of various lengths up to 10 feet (305cm) long.

You can reduce the risk of leaks and water damage by:

- Making water taps easily accessible.
- Turning off taps when the washing machine is not in use.
- Periodically checking for leaks at water inlet hose fittings.



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

# setting up your washing machine

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## Drain

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Samsung recommends a standpipe height of 65 cm. The drain hose must be routed through the drain hose clip to the standpipe. The standpipe must be large enough to accept the outside diameter of the drain hose. The drain hose is attached at the factory.

## Flooring

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For best performance, your washing machine must be installed on a solidly constructed floor. Wood floors may need to be reinforced to minimize vibration and/or unbalanced loads. Carpeting and soft tile surfaces are contributing factors to vibrations and the tendency for your washing machine to move slightly during the spin cycle.

Never install your washing machine on a platform or poorly supported structure.

## Surrounding temperature

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Do not install your washing machine in areas where water may freeze, since your washing machine always retains some water in its water valve, pump, and hose areas. Frozen water in the lines can cause damage to belts, the pump, and other components.

## Alcove or closet installation

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To operate safely and properly, your new washing machine requires minimum clearances of:

Sides – 1 in / 25 mm

Rear – 8in / 200 mm

Top – 17in / 432 mm

Front – 2in / 51 mm

If both the washing machine and a dryer are installed together, the front of the alcove or closet must have at least 51 mm unobstructed air opening. Your washing machine alone does not require a specific air opening.

## INSTALLING YOUR WASHING MACHINE

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### STEP 1

#### Selecting a location



Before you install the washing machine, make sure the location:

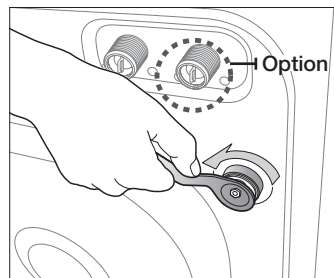
- Has a hard, level surface without carpeting or flooring that may obstruct ventilation
- Is away from direct sunlight
- Has adequate ventilation
- Will not be freezing (below 32 °F or 0 °C)
- Is away from heat sources such as oil or gas
- Has enough space so that the washing machine doesn't stand on its power cord

## STEP 2

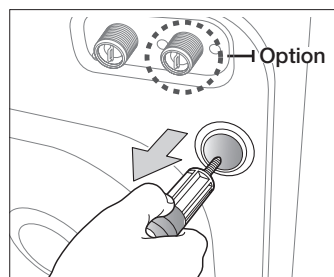
### Removing the shipping bolts

Before installing the washing machine, you must remove the five shipping bolts from the back of the unit.

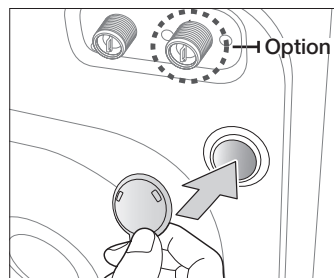
1. Loosen all the bolts with the supplied wrench.




2. Hold the bolt with the spanner and pull it through the wide section of the hole. Repeat for each bolt.




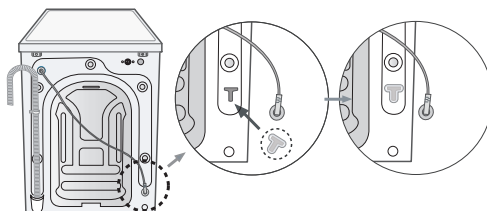
3. Fill the holes with the supplied plastic covers.



4. Store the shipping bolts away safely in case you have to move the washing machine in the future.

 **WARNING** Packaging materials can be dangerous to children; keep all packaging material (plastic bags, polystyrene, etc.) well out of the reach of children.


-  Insert the cap fixer, (one of the accessories in the vinyl pack), into the hole from which you removed the power cord at the back of the product.



# setting up your washing machine

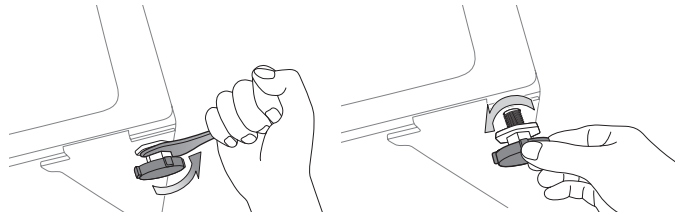
## STEP 3

### Adjusting the levelling feet

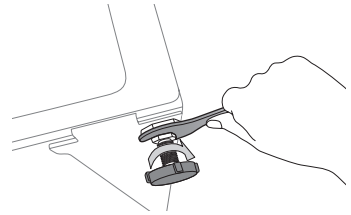
 When installing your washing machine, ensure that the power plug, the water supply and the drain are easily accessible.

1. Slide the washing machine into position.

2. Level your washing machine by turning the levelling feet in and out as necessary by hand.



3. When your washing machine is level, tighten the nuts using the wrench supplied with your washing machine.




## STEP 4

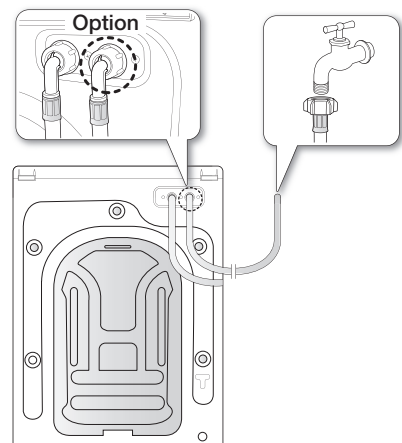
### Connecting the water and drain

#### Connecting the water supply hose

1. Take the L-shaped arm fitting for the cold water supply hose and connect it to the cold water supply intake on the back of the machine. Tighten by hand.

 The water supply hose must be connected to the washing machine at one end and to the water tap at the other. Do not stretch the water supply hose. If the hose is too short, replace the hose with a longer, high pressure hose.

2. Connect the other end of the cold water supply hose to your sink's cold water tap and tighten it by hand. If necessary, you can reposition the water supply hose at the washing machine end by loosening the fitting, rotating the hose, and retightening the fitting.



#### For selected models with an additional hot water intake:

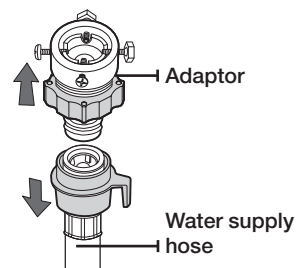
1. Take the red L-shaped arm fitting for the hot water supply hose and connect it to the hot water supply intake on the back of the machine. Tighten by hand.

2. Connect the other end of the hot water supply hose to your sink's hot water tap and tighten it by hand.

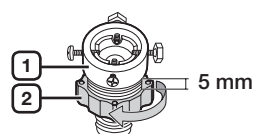
3. Use a Y-piece if you only want to use cold water.

## Connecting the water supply hose (selected models)

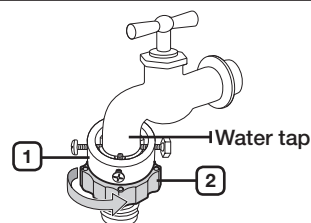
1. Remove the adaptor from the water supply hose.




2. First, using a '+' type screwdriver, loosen the four screws on the adaptor. Next, take the adaptor and turn part (2) following the arrow until there is a 5 mm gap.

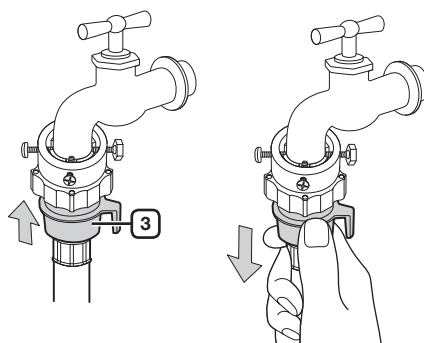


3. Connect the adaptor to the water tap by tightening the screws firmly while lifting the adaptor upwards. Turn part (2) following the arrow and connect (1) and (2).

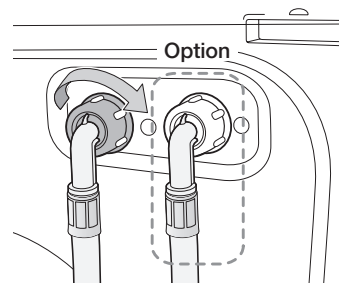


4. Connect the water supply hose to the adaptor. When you release part (3), the hose automatically connects to the adaptor making a 'click' sound.

-  After you have connected the water supply hose to the adaptor, ensure that it is connected correctly by pulling the water supply hose downwards.




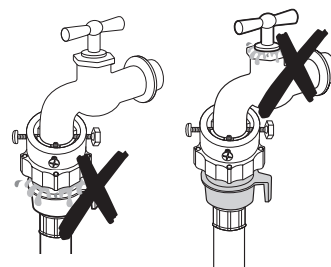
5. Connect the other end of the water supply hose to the inlet water valve at the rear of the washing machine. Screw the hose clockwise all the way in.



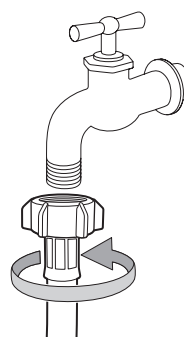
# setting up your washing machine


6. Turn on the water supply and ensure that no water leaks from the water valve, tap or adaptor. If there is a water leak, repeat the previous steps.

 Do not use your washing machine if there is a water leak. This may cause electric shock or injury.



- If the water tap has a screw type tap, connect the water supply hose to the tap as shown.



-  Use the most conventional type of tap for the water supply. In case the tap is square or too big, remove the spacing ring before inserting the tap into the adaptor.

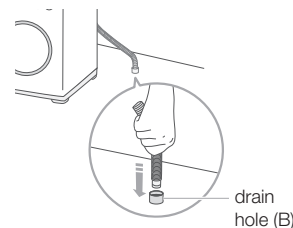
## Connecting the drain hose


The end of the drain hose can be positioned in three ways:

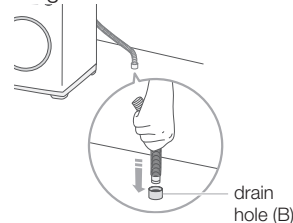
### Over the edge of a wash basin

The drain hose must be placed at a height of between 60 and 90 cm. To keep the drain hose spout bent, use the supplied plastic hose guide. Secure the guide to the wall with a hook or to the tap with a piece of string to prevent the drain hose from moving.

2. Fasten the 4 screws of the drain hose connector and make sure that they are level.
- Failing to do so may result in water or bubbles leaking while the water is drained.
  - Place the drain hose lower than the drain hole (B) and do not extend the hose longer than 3 m. Otherwise, draining water may fail. (To extend the drain hose, ask for assistance from an authorized installation or service engineer.)



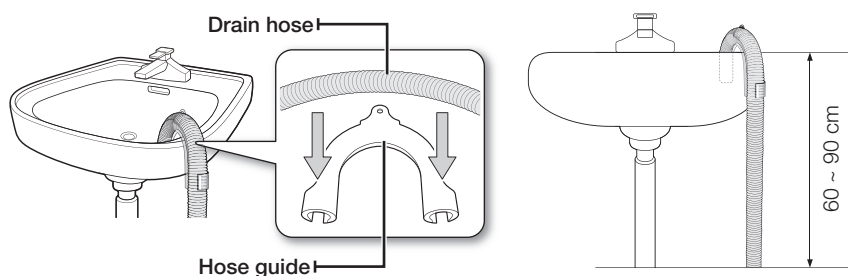
-  The drain outlet of the washer may be on the left or right depending on the model.



## Connecting the drain hose

The end of the drain hose can be positioned in three ways:

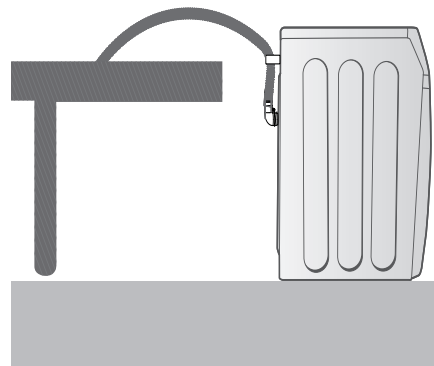
- 1. Over the edge of a wash basin:** The drain hose must be placed at a height of between 60 and 90 cm. To keep the drain hose spout bent, use the supplied plastic hose guide. Secure the guide to the wall with a hook or to the tap with a piece of string to prevent the drain hose from moving.
- 2. In a sink drain pipe branch:** The drain pipe branch must be above the sink siphon so that the end of the hose is at least 60 cm above the ground.



- 3. In a drain pipe:** We recommend using a 65 cm high vertical pipe; it must be no shorter than 60 cm and no longer than 90 cm.

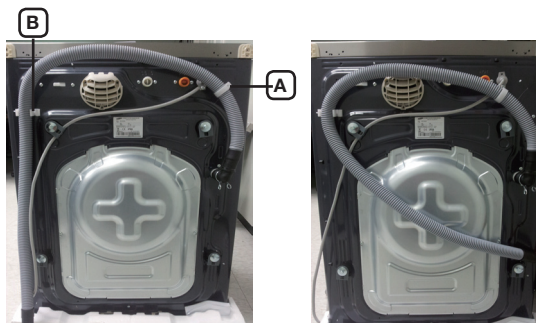
The standpipe drain requires;

- minimum diameter 5 cm.
- minimum carry-away capacity 60 liter per minute.



- 4. When you put the standpipe on the low position, please use the Clamper Hose "B".**

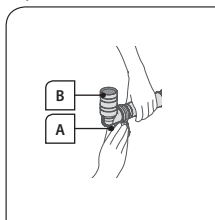
 Do not put the standpipe as U-Trap.



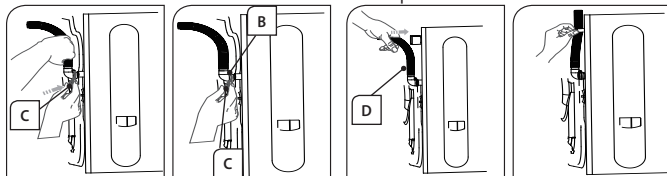
# setting up your washing machine

 The position and type of the drain outlet may vary from the model shown in figure.


1. Press the clamp (A), insert the drain hose connector (B) into the clamp, and then release the clamp.



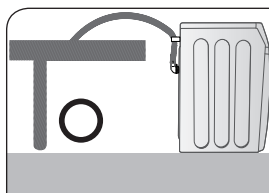
2. Connect Drain Hose Connector "B" at connection point "A" on the back of Set and fix Drain Hose Connector "B" with Clamp "A".
3. Insert Drain Hose "D" into Holder "E" on top of Set. Close the cover and fix Drain Hose "D".



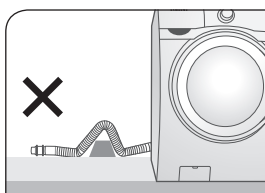
## Precautions when connecting the drain hose

 **CAUTION** Improperly connecting the drain hose may cause drainage problems. This may result in degraded drying performance.

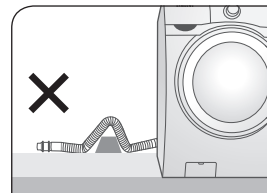
Read all instructions below and follow them explicitly before connecting the drain hose.



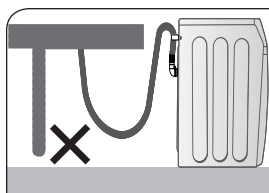
Do not twist, fold, or bend the drain hose excessively. Always make sure that the drain hose is straight and lies firmly on the floor.



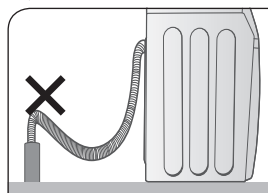
If using an extension hose, make sure that it is firmly connected. Make sure to provide a direct, unobstructed path for the drain hose to be as straight possible. Avoid running the drain hose through high door sills, around corners, etc.



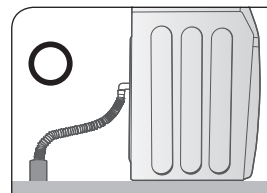
Do not put heavy objects on the drain hose.



Be careful not to make Drain Hose in shape of U-Trap as shown in the figure during assembly and operation after assembly.



If using a standpipe, the height of the standpipe must be lower than the drain outlet of the washing machine.



Do not let the drain hose hang lower than the height of the standpipe.

---

## STEP 5

### Powering your washing machine

Plug the power cord into a wall sockets, an AC 220-240 V / 50 Hz approved electrical outlet protected by a fuse or circuit breaker. (For more information on the electrical and grounding requirements, refer to the “Electrical supply and grounding” section on page 15.



#### Test run

Make sure that you install your washing machine correctly by running the **Rinse+Spin** cycle after the installation is complete.

---

## STEP 6

### Running Calibration Mode

Your Samsung washing machine detects the weight of the laundry automatically. For a more accurate weight detection, it is recommended running Calibration Mode immediately after installing the washing machine. Follow the steps below to run Calibration Mode.




Before running Calibration Mode, make sure that there is nothing in the drum or on top of the washing machine.

1. Press the **Power** button to turn the power on.
2. Enter in **Settings**, then choose the Calibration Mode.
3. Press the **Start** button to start Calibration Mode.
4. The drum rotates clockwise and counterclockwise approximately for 3 minutes.
5. When Calibration Mode is complete, “**Cycle Complete**” appears on the display and the washing machine will turn off automatically.
6. The washing machine is now ready for use.


# washing a load of laundry

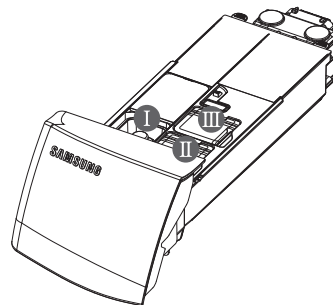
With your new Samsung washing machine, the hardest part of doing laundry will be deciding which load to wash first.

## WASHING FOR THE FIRST TIME

 Before washing laundry for the first time, you must run a complete empty cycle (i.e. no laundry).

1. Press the **Power** button.
2. Add a little detergent to the detergent compartment ① in the detergent drawer.
3. Turn on the water supply to the washing machine.
4. Press the **Start/Pause** button.

 This will remove any water that might be left over in the machine from the manufacturer's test run.



**Compartment ①:** Hand detergent compartment (Fabric softener can only be added by the Auto Softener function.)

**Compartment ②:** Auto Detergent compartment (Only Liquid Detergent : Detergent for the wash, water softener, presoaking agent, bleach and stain removal product. (fill no higher than the MAX line.))

- Press the Auto Detergent and Auto Softener buttons to determine whether to use the Auto Detergent and Auto Softener functions respectively.
- To not use the Auto Detergent function, add detergent into the hand detergent compartment according to the amount of laundry and close the detergent drawer.
- Fabric softener can only be added by the Auto Softener function. If you are not using Auto Softener function, there is no separate compartment for adding the softener.

**Compartment ③:** Auto Softener compartment (Fabric softener (fill no higher than the MAX line.))

## USING THE DETERGENT DRAWER

There are multiple compartments in the detergent box. What shall be dispensed in different compartments?

1. When automatic dispense function is used, put liquid detergent and softener in the right side of detergent box.



If too much detergent is added, detergent will spill out and mix with each other, therefore fill no higher than the [-MAX-] line.

If dispense in manual mode, add amount required for only once washing on the left side of detergent box.



Manual compartment of adding detergent or softener when using manual dispense function

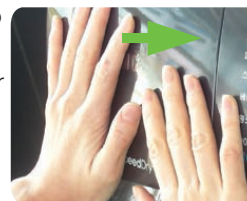
Auto compartment of adding fiber softener when using automatic dispense function

Auto compartment of adding liquid detergent when using automatic dispense function

2. After finish dispensing, close the cover and press tightly to ensure no gap is left.



During the course of washing, if the detergent box is opened, water will go inside detergent box, so please don't open it.



3. Press the [Start] button to start your course, confirm if the following [Indication] message is display on the LCD screen.



- The detergent in the detergent box is not enough when automatic dispense function is used:  
The amount of detergent is not enough for washing twice when auto dispense is used. Please supplement detergent.
- When detergent box is not closed completely:  
Error message will display or the alert tone of "Ding-dong Ding-dong" will sound, close the cover again and press tightly.

When shall I need to use manual mode to dispense detergent?







- When using powder or gel detergent:  
Auto dispense function only applies to liquid detergent, so manual dispense mode is required.
- When using [Wool/ Lingerie] or [Sports Bubble] course:  
If these function are selected, auto dispense function will be dismissed automatically. And special detergent can be added.

# washing a load of laundry

---

## BASIC INSTRUCTIONS

---

1. Open the washer door and load your laundry into the drum.
  -  • Check pockets or other foreign materials thoroughly before washing clothes. The debris filter will filter foreign materials, such as hair, iron wires, toothpicks, coins, loose buttons, pins, elastic, diapers. Make sure the debris filter is not blocked. These objects could damage your washer.
  - Make sure that laundry is not caught in the door. If laundry gets caught in the door, it may result in damage to the laundry or the washer, or result in water leakage.
  - Load the articles loosely into the drum, without overfilling it.
2. Check if the Auto Dispense is selected.
  -  • If the Auto Dispense compartment is empty, you should fill the compartment with detergent and fabric softener until it reaches MAX, then close the feeding inlet.
  - Press the Auto Dispense button, then select whether using Auto Detergent function or not.
  - If you don't use Auto Dispense, Pour the detergent manually into the detergent compartment then close the door.
  - If the Automatic Fabric Softener is not used, there will be no place to store fabric softener. You should pour the fabric softener directly into the detergent compartment in the rinse cycle.
3. Press the Power button.
4. The initial screen is Normal course.
  -  • Press the List button(  ) to select a cycle.
5. Press the **Start/Pause** button.
6. The drum automatically rotates and detects the weight of the laundry and the wash will begin.
7. After the total cycle has finished, the power will turn off automatically.

# USING THE CONTROL PANEL



## Actions Section

### Wi-Fi Status



- The health of your Wi-Fi network connectivity.

### Door Lock



- The washing machine automatically locks the door in the process of operation. The Door Locked icon appears when door is locked.
- Appears when door is locked.

### Child Lock



- Child Lock prevents children from playing with your washer.
- Press the "+" at the upper right to set.
- To deactivate the Child Lock function completely when Child Lock is activated. You have to first pause the Child Lock function, Continue to hold down the Child Lock Pause button for 3 seconds. (When the Child Lock state is Child Lock Pause, Child Lock function will be activated again after one minute.)

### Automatic Detergent function



- Indicate whether detergent are automatically injected.
- The detergent will automatically be dispensed when the function is enabled. You can adjust the amount of detergent in the settings

### Smart Control



- The Smart Control will be lit when this function is activated.

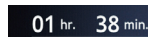
## Cycle Name Section

### Cycle Name



- The display shows the cycle name.

### Cycle time



- Displays the estimated amount of time the selected cycle and its selected options will take to complete.

### My Cycle Button



- You can store the selected cycle and options by pressing and holding the My Cycle button.
- Save your favorite custom wash as a My Cycle.

### Delay End Button



- By activating the Delay End function, you can set your washer to start your wash automatically at a specified later time.
- The cycle can be delayed for up to 19 hours. A different minimum time may be applied depending the course.

### Start Button



- Press the Start button to start the wash.

# Washing a load of laundry

## OPTIONS SECTION



### ✓ Soak



- Use this option to effectively remove stains from your laundry by soaking your laundry.
- You can select the available time options: 20min. , 40min. or 60min.

### ✓ Temp



- You can change adjust the temperature after wash cycle is selected
- A different temperature range may be applied depending the course.
- Don't only connect the hot water supply hose.

### ✓ Rinse



- Press this button to add additional rinse cycles.
- The maximum number of rinse cycles is five.
- Rinse options are different from each cycle.

### ✓ Spin



- Press the Spin button to select the spin speed.
- The spin speed can only be selected from among Rinse Hold, No Spin, Low, Medium, High, Extra High.

### ✓ Dry Level



- Press this button to set the drying cycle.
- You can select one of the drying cycles, including No Dry, Cupboard, Extra Dry, Shirt, Delicates and Time Dry.

### ✓ Options




- Press options button to select different cycle options.
- Bubble Wash: Select Bubble Wash, color of the button will become darker. It will become normal when you cancel it.
- Add Water: You can exceed the default water level.

## CYCLE SELECTION SECTION



### ☑ Cycle Selection

- Press the List  button to select normal wash cycle.
- Press the left or right arrow to view other wash cycles.

### ☑ Cycle

- The available cycle will be displayed.
- Press the button to check explanation of washing program.

### ☑ Last setting

- Select recently used cycles.

### ☑ My Cycle

- You can store the selected cycle and options by pressing and holding the My Cycle button.
- Save your favorite custom wash as a My Cycle.

### ☑ Home Button



- Back to home page.

### ☑ Settings Button



- Provides the following additional controls that allow you to view and configure other settings: Auto Dispense, Wi-Fi, Anti-freezing, Stain Guide, Calibration Mode, Brightness, Volume, Time setting, Update functions.

### ☑ List Button



- The Cycle screen is displayed.
- You can select one of available cycles.

### ☑ Back button



- Press the Back button to return to the previous screen.

### ☑ Power



- If you want to turn the washing machine off, press the Start/ Pause button, and then press the Power button.
- If the washer is left on for more than 10 minutes without any buttons being touched, the power automatically turns off.
- After the total cycle has finished, the power will turn off automatically.

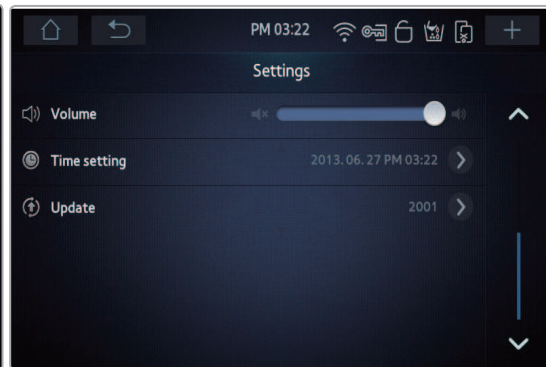
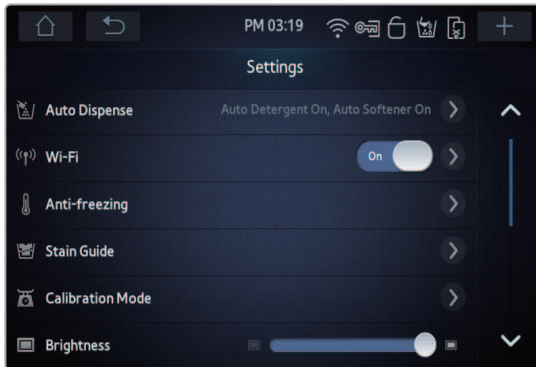
### ☑ Start/Pause



- Press to pause and restart programs.
- Press once to pause programs, press again to restart programs.

# Washing a load of laundry

## SETTINGS SECTION



### **Setting the Automatic Detergent / Fabric Softener)**



- Activate and deactivate the Automatic Detergent / Fabric Softener function.
- You can set the quantity and concentration in the Automatic Detergent / Fabric Softener function.

### **Setting the Wireless Network**



- Tap this control to configure your Wireless network, turn it on or off.
- View the health of your Wi-Fi network connectivity and connect to a wireless router.
- Refer to the descriptions in the Operating Instructions of Wireless network.

### **Anti-freezing Function**



- If you store your washer in below 5 °C, washer may freeze. You can activate this feature according to outdoor temperature.
- Drain water for successive 16 hours and then stop.
- This function will not operate if the washer door is opened. Make sure the washer drum is empty before using this function.

### **Stain Guide**



- The Stain guide provides information on how to clean stains on different types of clothing.

### **Calibration Mode**



- For more accurate weight detection, please run Calibration Mode after the installation.
- Remove laundry or any contents in the washing machine.
- The drum rotates clockwise and counterclockwise approximately for 3 minutes. When “Calibration Mode” is finished, the door will unlock. The washing machine is now ready for use.

### **Brightness Level**



- You can control the brightness level of the LCD panel.

### **Sound Volume**



- You can control the volume of the sound interactions of your washer.

### **Time setting**



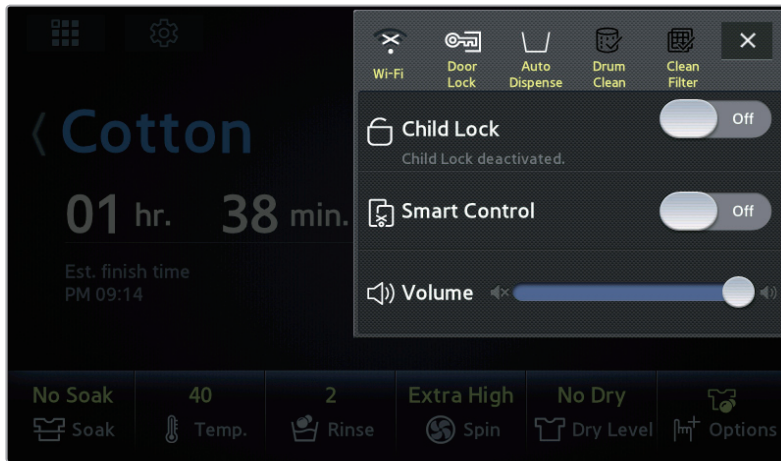
- Set your current date and time.

### **Update**



- The Update function allows various updates such as performance improvements, patches and bug fixes to be installed automatically by communicating with the update server.
- When the software is updated, some functions provided by the previous software version may be unavailable depending on the update.

## ADDITIONAL SETTINGS SECTION



### Child Lock



- Child Lock prevents children from playing with your washer.
- To deactivate the Child Lock function completely when Child Lock is activated. You have to first pause the Child Lock function, Continue to hold down the Child Lock Pause button for 3 seconds. (When the Child Lock state is Child Lock Pause, Child Lock function will be activated again after one minute.)

### Smart Control



- When this function is turned on, you can control the washer using your mobile phone. If the Smart Control function is deactivated and connected to the wireless router, you can monitor the washing process through personal technology devices such as smart phones.

### Volume



- You can control the volume of the sound interactions of your washer.

# Washing a load of laundry

## SETTING UP YOUR WASHER FOR THE FIRST TIME

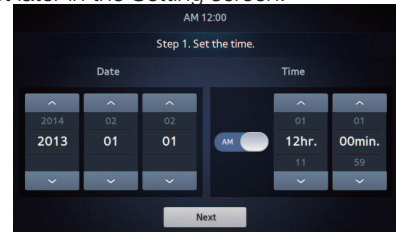
### Setting up your washer for the first time

You will set your preferences for the first time. Each option can be reset later in the Setting screen.

[Step 1.]

Turn the washing machine on, start to set the date and time.

- After setting the Date and Time, press the Next button. Hand detergent compartment



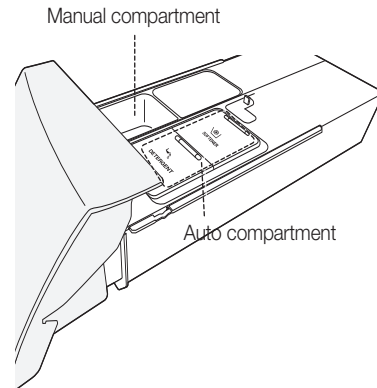
[Step 2.]

The Auto Detergent / Auto Softener screen appears.

- The default options is Amount: Std, Density: Normal.
- You can change the Amount and Density, then press the Next button.



1. If the function of Automatic Fabric Softener is not used, there will be no place to store fabric softener.
2. Use liquid detergent only. Do not use powdered detergent or gel, otherwise it will damage the automatic dispenser.
3. The automatic detergent function is deactivate automatically in Wool/Lingerie and Active wear cycle even if you have set the Automatic Detergent ON. You can set the Auto Detergent /Softener options of cycles in the Settings screen.
4. You have to set the Auto Detergent / Softener in the Settings screen before using the function.
5. Take out the detergent compartment before cleaning the compartment. You should clean the detergent compartment when changing the detergent.
6. After set the Auto Detergent / Softener, you can add detergent manually into compartment from feeding inlet.



[Step 3.]

The Auto Update screen appears.

- Software will update automatically if the function is set.
- Press the Close button, return to the Normal wash cycle screen.

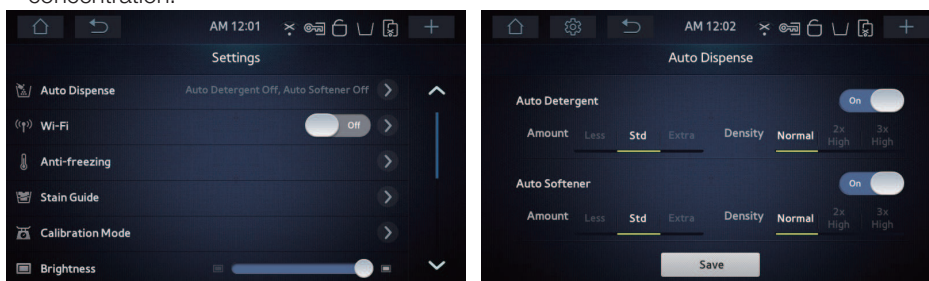


1. Run the automatic update after completing the initial setup, you can access each step and change your preferences any time using the Settings control.

## AUTOMATIC DISPENSER

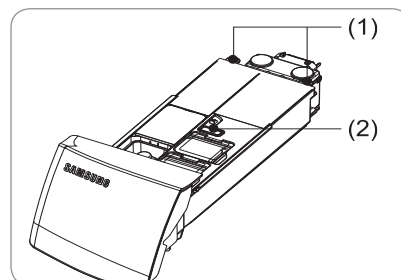
### Method of Setting

1. Press the Auto Dispense in the Settings screen.
2. You can set options in Auto Detergent / Auto Softener screen.
  - You can select the available options of detergent amount: Less, Std, Extra. The detergent are dispensed automatically according to the setting of detergent amount and cycle.
  - Density Normal option if using regular detergent.
  - If using high-concentration detergent, The detergent is dispensed automatically according to the concentration.



### Cleaning the dispensers

1. Pull the liquid detergent compartment out by pressing the (1) .
2. Hold the (2) of liquid detergent compartment, push the cover upward to check the inside of the detergent compartment.
3. Clean the compartment, and push the liquid detergent compartment back into place.(see page 43)



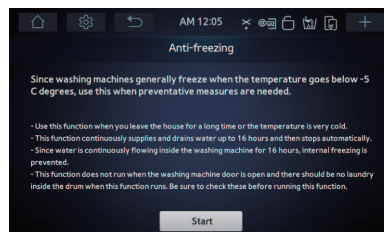
- The automatic detergent dispenser will automatically add appropriate detergent to compartment. it is very convenient.
- If the function of Automatic Fabric Softener is not used, there will be no place to store fabric softener. You should pour the fabric softener directly into the detergent compartment in the rinse cycle.
- Do not use powdered detergent and solidified liquid detergent. as the detergent may remain in the rinse cycle. Otherwise it will damage the automatic dispenser.
- Check if the liquid detergent is automatically added into the compartment before using. Otherwise, the washing machine will operate with repeated or empty detergent.
- The automatic dispenser may need to be cleaned periodically.
- If the detergent compartment is not firmly closed, it will alert you to check the detergent compartment. You should check if the compartment is firmly closed before washing.

# Washing a load of laundry

## SETTINGS

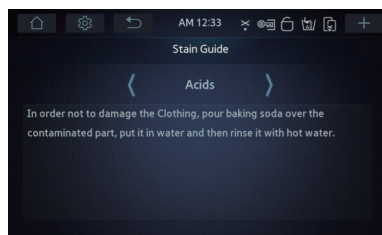
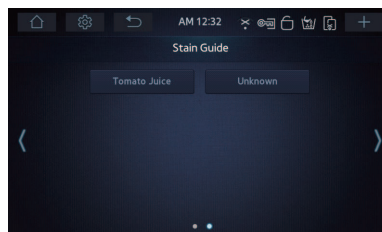
### Anti-freezing

1. Press the Anti-freezing in the Settings screen.
2. Press the Start button to run Anti-freezing.
  - Anti-freezing will run for up to 16 hours and then stop.
  - This function will not operate if the washer door is opened. Make sure the washer drum is empty before using this function.



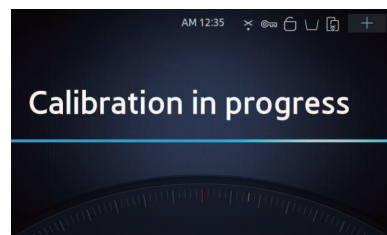
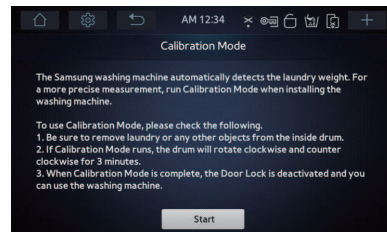
### Stain Guide

1. Press the Stain Guide button in the Settings screen.
2. The Stain guide provides information on how to clean stains on different types of clothing.
  - Press the right arrow to move to next screen.



## Calibration Mode

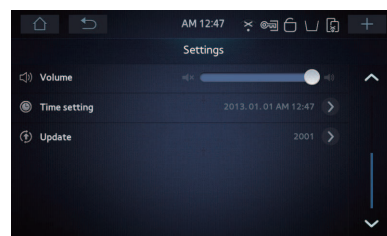
1. Press the Calibration Mode in the Settings screen.
2. Press the Start button to run Calibration Mode.



## Volume

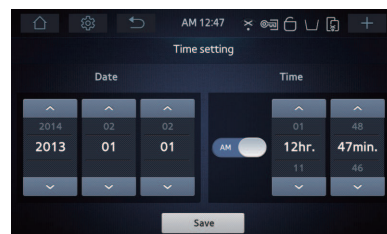
You can control the volume of the sound interactions of your washer. Press the Volume button in the Settings screen.

- Move the slider to left for lower volume and right for higher volume.



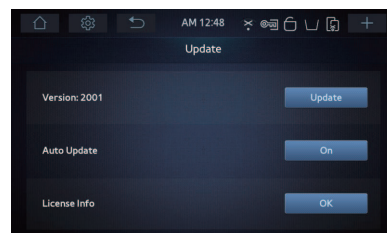
## Date&Time

1. Press the Date&Time button in the Settings screen.
2. Setting the date
  - Tap the up and down arrows to set the date.
3. Setting the time
  - Slide middle button to select the AM or PM.
  - Set the time by tapping on the up and down arrows.
4. Tap the Save button.



## Update

1. Tap the Update in the Settings screen.
2. Press the Update button at the right of the Version.
  - You can use Update function after connecting wireless network.
3. Setting the Automatic Update
  - Press the on button at the right of the Auto Update.
  - Activate and deactivate this function by moving the button at the bottom.
  - Tap the Save button.
4. Press the button at the right of the License Info, You can view the License Info.



# washing a load of laundry

## AVAILABLE CYCLES

The preset cycles listed in the Cycle pane of the **Cycle Selection** screen are listed below including the Specialty Cycles.

<b>Cotton</b>	For averagely or lightly soiled cotton,bed linen,table linen,underwear, towels,shirts,etc.
<b>Energy Saving</b>	Use this course to save energy. Energy Saving, 40 °C, 2 Rinse, Extra high spin is suitable for a normally soiled cotton load. Energy and water labelling test programme in accordance with AS/NZS 2040.
<b>Power Bubble</b>	Select this course when you want to wash laundry that is very dirty.
<b>Active Wear</b>	The Active Wear cycle is for exercise wear such as sports jerseys, training pants and other performance clothing.
<b>Baby Care</b>	High temperature wash and extra rinses ensure that no washing powder remains to mark your thin clothes.
<b>Wash &amp; Wear</b>	For lightly soiled garments and small loads (less than 1 kg)
<b>Night Wash</b>	Select this course when you want to do wash and dry your laundry at night.
<b>Quick Wash</b>	The Quick Wash cycle is for lightly soiled garments that you need quickly.
<b>Wool/Lingerie</b>	The Wool cycle is for machine-washable wool. Loads should be under 8 pounds. For best results, we recommend a load of 4.4 pounds (2 kg) or less.
<b>Bedding</b>	The Bedding cycle is for bulky items such as blankets, comforters and sheets. When you are washing bulky items, use liquid detergent.
<b>Sanitize</b>	For colorfast fabrics and heavily soiled garments, especially for underwear. This cycle uses hot water to provide improved stain treatment and sanitization for garments.
<b>Air Refresh</b>	Reduces bad smells from the laundry.
<b>Air Sanitize</b>	Deodorize and sanitize the laundry by stronger air wash action with higher temp.
<b>Air Bedding Care</b>	Select this course to deodorize and sanitize the laundry and remove dust from duvets.
<b>Rinse + Spin</b>	The Rinse+Spin cycle is for loads that need rinsing only or when you need to add fabric softener to a load.
<b>Drying</b>	Pressing the button cycles through the following options. <b>Cupboard</b> - Select to dry laundry automatically by detecting the amount and weight of the laundry. Select this to dry cotton clothing such as cotton trousers, T-shirts, and cotton underwear. <b>Extra Dry</b> - Select this function to dry heavy clothing (e.g. blue jeans). <b>Shirt</b> - Select this function to quickly dry one piece of clothing such as a shirt. <b>Delicates</b> - Select this function to dry clothing that can be deformed at high temperature (e.g. e.g. clothes made from mixed fabrics or synthetic fibers such as polyester and nylon) at a relatively low temperature. <b>Time Dry</b> - Dry the laundry for the specified period of time.
<b>Drum Clean</b>	The Drum Clean cleans dirt and bacteria from the drum. Regular use (after every 40 washes) is recommended. No detergent or bleach is needed.
<b>Drying Drum</b>	This course dries and cleans the inside of the drum after a wash using hot air.

## USING DRY COURSE

Refer to the label of drying capacity and be sure to put in the clothes to the lower level than the marked line for the dried clothes of 8.0 kg.

1. Open the door, put in the clothes and close the door again.
2. Press the **Power** button and then press the **Drying** button.

: The standard course will be selected automatically.

Drying is not available for Drum Clean, Air Wash, Active Wear, Bedding and Wool/Lingerie courses.

3. Select **Drying** button as follows.

### Drying Programs

- Every press of this button will select drying type repeatedly in the following order:  
Cupboard → Extra Dry → Shirt → Delicates → Time (30 min. → 1:00 h → 1:30 h → 2:00 h → 2:30 h) → Cupboard

Drying Type		Information	Max Load (kg)	Time (min) (Max Load)	Time (min) (Soft Keep)
Auto Drying	Cupboard	Standard: Dries the laundry.	8.0	410	30
	Extra Dry	To dry thick clothing.	8.0	430	30
	Shirt	To quickly dry a shirt.	-	15	30
	Delicates	To dry clothes that can be deformed at high temperatures at a relatively low temperature.	5.0	280	30
Time Drying		You can select the appropriate drying time depending on the texture, quantity, and moisture.	-	30/60/90/ 120/150 min	30



- It automatically displays Drying Time by sensing the weight of clothes before drying for increasing the drying effect.

• **For any loads of laundry, you can use the Auto Dry function. If you find that the laundry is not completely dried, use the Time Dry function additionally.**

- If both the spin and drying cycles are selected, the spin speed is automatically selected to enhance the drying efficiency.
- When using the drying cycle, check if the water supply valve is opened.
- Soft Keep function is to prevent laundry from being wrinkled when the laundry is not immediately removed after drying.
- While the Soft Keep function is running, "Cycle complete" is displayed waiting for you remove the laundry.

4. Press **Start/Pause** button.

: It automatically performs an optimal function from washing to drying.

- The selected course can't be altered after the start of drying.
- Selecting the Dry and Spin cycles together improves drying performance.



After finishing drying, Please remove diaphragm lint.

## CALIBRATION FUNCTION

Your Samsung washing machine automatically detects the weight of the laundry.

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

1. Remove laundry or any contents in the machine and turn off the machine.
2. The drum rotates clockwise and counterclockwise approximately for 3 minutes.
3. When "Calibration Mode" is finished, the door will unlock. The washing machine is now ready for use.



Remove laundry or any contents in the machine before calibrating your washing machine.

# washing a load of laundry

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## My cycle

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Allows you to activate your custom wash (temperature, spin, soil level, etc.) with one button convenience.

By pushing the **My Cycle** button, press the My Cycle button to load and use the saved My Cycle options. The "My Cycle" light will indicate activation. Also, the chosen course and option lights will flicker.

You can set all options as follows in the My Cycle mode.

1. Turn the water supply on.
2. Press the **Power** button.
3. Press the List () to select the **My Cycle** course.
  - The saved courses will show in the My Cycle screen.
  - You can save up to 4 My Cycles.
  - You can press the Edit button to change the course name.
  - You can press the Delete button to delete the course.
5. Select the appropriate cycle.
  - Set other options.
6. Press the Start or Start/Pause button on the LCD panel.
  - Press the button to start your wash.
  - The estimated finish time appears on the LCD.

## Delay End

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By activating the Delay Start function, you can set your washer to start your wash or dry automatically at a specified later time. The display indicates the time at which the wash will be finished. However, the actual time may differ from the displayed time.

1. Press the **Power** button.
  - Select desired cycle.
2. Press the **Delay End** button.
  - The cycle can be delayed for up to 19 hours in 10 minutes increments.
  - The minimum time may differ depending on the cycles.

It may exceed actual delay time. The Spin will be delayed when the loads are unbalanced.
3. Press the **Delay End** button.
  - The display indicates the time when the wash cycle will be finished. You can set the delay time.
  - Press the Start button to start your course.
  - You can add laundry items to or remove laundry items from the wash by pressing the Adding items button.
  - Press the Start/Pause button after adding items. The Delay End function is reactivated.



## Washing clothes manually

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You can wash clothes manually without using the Cycle Selector.

1. Turn the water supply on.
2. Press the **Power** button on the washing machine.
3. Open the door.
4. Load the articles loosely into the drum one at a time, without overfilling it.
5. Close the door.
6. Press the **Temp.** button to select the temperature. (Cold, 30 °C, 40 °C, 60 °C, 95 °C)
7. Press the **Rinse** button to select the required number of rinse cycles.

The maximum number of rinse cycles is five.  
The wash duration is increased accordingly.
8. Press the **Spin** button to select the spin speed.

The rinse hold function allows you to remove items that are still wet from the washing machine. ( : No Spin,  : Rinse Hold)
9. Press the **Delay End** button repeatedly to cycle through the available Delay End options
10. Press the **Start/Pause** button and the machine will begin the cycle.

## LAUNDRY GUIDELINES

Follow these simple guidelines for the cleanest laundry and the most efficient wash.

Always check the Care label on clothing before washing.

### Sort and wash your laundry according to the following criteria:

- Care Label: Sort laundry into cotton, mixed fibres, synthetics, silks, wool and rayons.
- Colour: Divide whites and colours. Wash new colour items separately.
- Size: Placing items of different sizes in the same load will improve the wash action.
- Sensitivity: Wash delicate items separately, using the Delicate wash cycle for pure, new woollen items, curtains and silk articles. Check the labels on the items you are washing or refer to the fabric care chart in the appendix.

### Emptying pockets

Before each wash, empty all the pockets of your laundry. Small, irregularly shaped hard objects, such as coins, knives, pins, and paperclips could damage your washing machine. Do not wash clothing with large buckles, buttons, or other heavy metal objects.

Metal on clothing may damage your clothing as well as the tub. Turn clothing with buttons and embroidered clothes inside out before washing them. If zips of pants and jackets are open while washing, the spin basket may be damaged. Zips should be closed and fixed with a string before washing.

Clothing with long strings may become entangled with other clothes damaging them. Be sure to fix the strings before starting the wash.

### Prewashing cotton

Your new washing machine, combined with modern detergents, will give perfect washing results, thus saving energy, time, water and detergent. However, if your cotton is particularly dirty, prewash with a protein-based detergent.

## DETERGENT AND ADDITIVES INFORMATION

### Which detergent to use

The type of detergent you should use is based on the type of fabric (cotton, synthetics, items, Hand Wash For Wool), colour, wash temperature, and degree of soiling. Always use "low suds" laundry detergent, which is designed for automatic washing machines.

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 area. If you do not know how hard your water is, enquire at your local water authority.



Do not use detergent that has hardened or solidified as the detergent may remain in the rinse cycle. It may cause your washing machine to not rinse properly or result in the overflow becoming blocked.




Powdered detergent should be thoroughly dissolved in a small amount of warm water before adding to the machine.



#### Please note the following when using the Wool course.



- Use a neutral liquid detergent for wool only.
  - When using a powder detergent, it may remain on the laundry and cause damage to the material (wool).
1. Open the door, place the laundry inside the wash tub and close the door.
  2. Press the power button.
  3. Select a function.
  4. Place the appropriate amount of detergent and fabric softener into the corresponding compartments depending on the amount of laundry and close the detergent drawer.
  5. Press the **Start/Pause** button.
    - Press the **Start/Pause** button to start the wash.
    - The amount of the laundry is automatically detected and the laundry is washed.



# washing a load of laundry

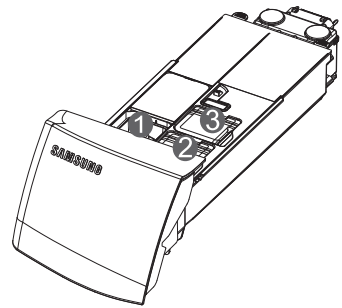
- Once a washing machine operation begins, you cannot add or select the bubble function.
-  • Enough bubbles are generated with the specified amount of detergent.
- Please clean the Debris filter frequently. Periodic cleaning helps generate sufficient bubbles.
  - Depending on the detergent and the laundry, the bubbles may be absorbed and seem like a Small Load quantity.
  - Although bubbles are generated once the wash begins, it may take several minutes for users to see them.

## Detergent drawer

Your washing machine has separate compartments for dispensing detergent and fabric softener. Add all laundry additives to the correct compartment before starting your washing machine.

-  Do not open the detergent drawer while your washing machine is running or you might be exposed to hot water or steam.
1. Press the Auto Detergent button to configure the Auto Detergent function.
    - Pressing the Auto Detergent button changes the mode in the following order: Disable → Economy → Standard → Enough.
  -  Press the Auto Softener button.

    - Pressing the Auto Softener button changes the mode in the following order: Disable → Economy → Standard → Enough.
    - Hold down the Auto Detergent and Auto Softener buttons simultaneously for 3 seconds or longer to change the density setting for the detergent or softener.
    - Pressing the Auto Detergent or Auto Softener button changes the concentration setting in the following order: 1 (Normal) → 2 (2x Concentration) → 3 (3x Concentration) in order.
    - To return, hold down the Auto Detergent and Auto Softener buttons simultaneously for 3 seconds or longer.
  3. When the Auto Detergent and Auto Softener settings are complete, the wash is performed according to the configured settings.
    - Detergent is automatically added depending on the configured amount and course.
-  When washing large items do NOT use the following detergent types.
- Tablet and capsule type detergents
  - Detergents using a ball and net
-  Concentrated or thick fabric softener, conditioner and liquid detergent must be diluted with a little water before being poured into the dispenser (prevents the overflow from becoming blocked).
- Since the Auto Detergent device automatically adds the right amount of detergent even if you don't add detergent, anyone can wash laundry easily and it is economical as it adds only the right amount of detergent.
  - If you are using the Auto Softener function, there is no separate compartment for adding the softener. Pour softener into the detergent compartment directly when you rinse laundry.
  - You cannot use powder or a gel type detergent. This may result in a problem with the Auto Detergent compartment.
  - Before using the washer, check if the Auto Detergent function is enabled. Otherwise, detergent may be added twice or no detergent may be added.
  - The Auto Detergent compartment needs to be cleaned on a regular basis. Separate and clean it whenever you refill the detergent.
  - When the detergent drawer is not completely closed, the 'check the detergent drawer' message appears but a wash will be performed. Please check if the detergent drawer is completely closed before starting a wash.



# cleaning and maintaining your washing machine

## DETERGENT DRAWER

Turn off the water faucets after finishing the day's washing.

This will shut off the water supply to your Washer and prevent the unlikely possibility of damage from escaping water. Leave the door open to allow the inside of your Washer to dry out.

Use a soft cloth to wipe up all detergent, bleach or other spills as they occur. Clean the following as recommended:

Control Panel – Clean with a soft, damp cloth. Do not use abrasive powders or cleaning pads. Do not spray cleaners directly on the panel.

Cabinet – Clean with soap and water.

## CLEANING THE INTERIOR

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

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

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

## CLEANING THE DISPENSERS

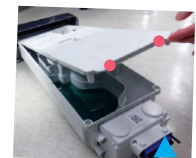
The automatic dispenser may need to be cleaned periodically due to laundry additive buildup.

1. Press ● marking part, pull detergent box forward and it can be easily pulled out of the washing machine .



2. Catch ● marking part and push up. Do you see the inside? You can clean inside with wet towel.

Be careful not to allow water or detergent to enter the joint part (▲) between backside of detergent box and washing machine, otherwise mechanical malfunction may occur



3. After completion of cleaning, put the slight protruding part ● in the front of cover into the front channel and fix it. Put down the cover and close it properly.



4. Push the detergent box to the end and close properly to ensure no gap is left.




# Using your mobile phone

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## SETTING THE SMART CONTROL

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Connect a wired/wireless router and the washer through a wireless connection, connect to [www.samsungsmartappliance.com](http://www.samsungsmartappliance.com) and register the washer to the Smart Control service.

 This product does not contain a wireless router.

### Configuring the wired/wireless router

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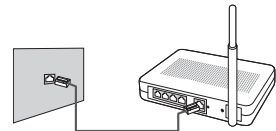
- This product supports DHCP (Dynamic Host Configuration Protocol). Therefore, if a user wants to use an existing wired/wireless router, the router's DHCP server function must be enabled.
- Set the channel for the connection with the wired/wireless router to a channel that is not being used.
- This washer only supports OPEN, WPA/TKIP and WPA2/AES modes. If the wireless router is set to a mode other than these three modes, the washer may not connect to it. We recommend that you use WPA2/AES for 802.11n.
- The quality of the wireless network may be affected by the surrounding environment.
- If your Internet service provider has registered and fixed the MAC address (unique identification number of a device) of the user's PC or modem, you may not be able to connect the washer to the Internet. Please ask your Internet service provider about the procedures to connect a device (e.g. washer) other than a computer to the Internet. If your Internet service provider requires an ID and password to connect to the Internet, you may not be able to connect the washer to the Internet. In this case, you have to enter the ID and password to connect to the Internet.

You may not be able to connect to the Internet due to a firewall. In this case, ask your Internet service provider for assistance. If you cannot connect the washer to the Internet even after contacting your Internet service provider, please contact a Samsung Electronics dealer or service center.

### Check before installation

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- For the procedures to install a normal wired/wireless router, refer to the user manual of the corresponding wired/wireless router.
- Samsung washers only support Wi-Fi 2.4GHz.
- The Samsung washer supports the wireless communication standard IEEE802.11 b/g/n (2.4 GHz).
- A certified wireless router has the Wi-Fi CERTIFIED logo on its packaging or user manual.



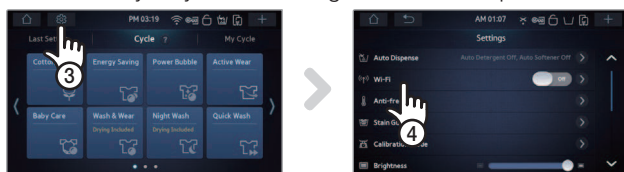
## INITIAL ACCESS AND CONNECTION SETUP FOR INDOOR CONTROL

### Establishing Network Connection Through the Samsung Smart App

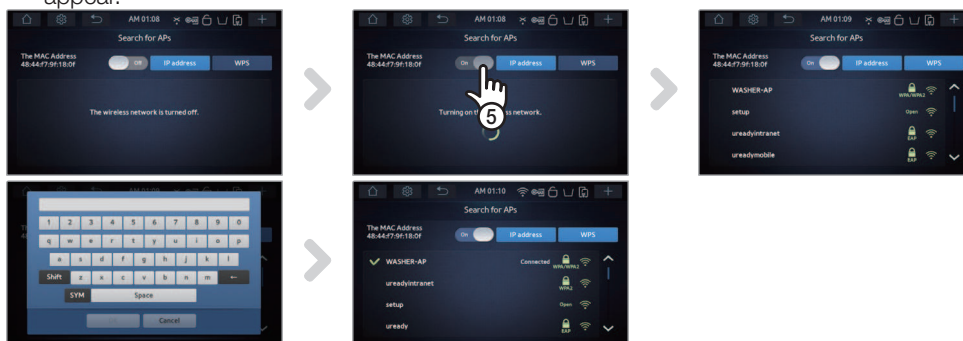
[Downloading the Samsung Smart App]

You can download the Samsung Smart App by searching "Samsung Smart Washer" or "Washer" in the Android Market under Samsung Apps. (Choose "Samsung Smart App" in case two or more results show up during the search.)

-  The Samsung Smart App has been optimized for Samsung smartphones. Some features may vary when running on other smartphones.



1. Connect to the desired wireless router using your smartphone's Wi-Fi function.
2. Turn on the washer by tapping the Power button.
3. Tap the Settings button to enter the settings screen.
4. Tap the Wi-Fi to enter network settings.
5. Select "Turn On" under Wi-Fi.
6. It will search for wireless routers available for connection.
7. After entering the password for the selected wireless router, tap the OK button.
  - If it is not password protected, it will connect automatically.
8. When connection has been established with the wireless router, a (Connected) sign will appear.

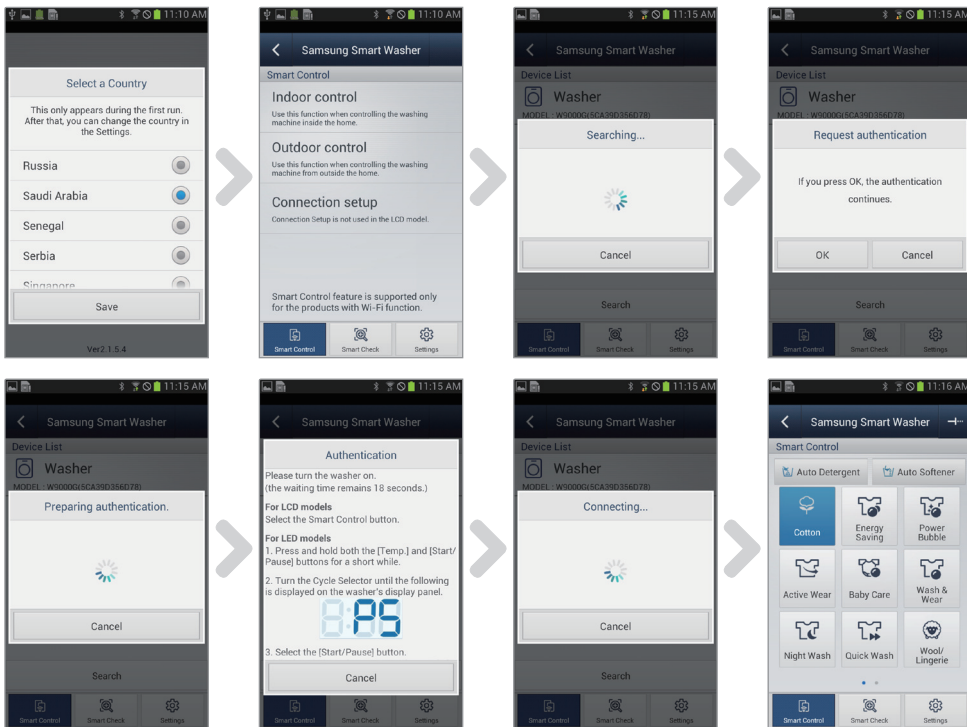


# Using your mobile phone

9. Select the Smart Control) → Indoor Control on your Smartphone
10. Search washing machine through the menu in smart phone and select the washing machine required authentication, then press [OK].
  - In case of failure to find washing machine, press [Search again] to search for a second time which may take about 1 minute
11. Method of authentication for washing machine: After pressing the Home button to return to the main menu, activate the Smart Control by the “ON” in [Additional Settings].



12. After authentication is completed, set the mode to remote control.
  - Select the corresponding country in [Settings] → [Select a Country] by smart phone.
13. Run the Samsung Smart App and select Indoor Control.
14. The washer will be available for use after it has been selected through the search.



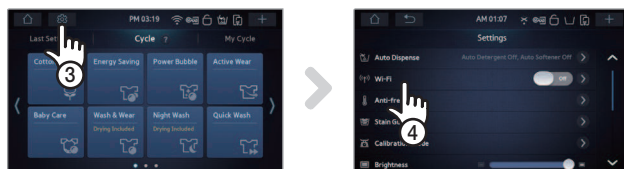
- ✍ • Indoor control will only be available when the washer has been turned on and Smart Control has been activated.
- The request for authentication of washing machine will only appear at the time of initial connection. After authentication is done once, the authentication program for connection will not run next time and the washing machine can be directly connected.

## Establishing Network Connection Through WPS Settings

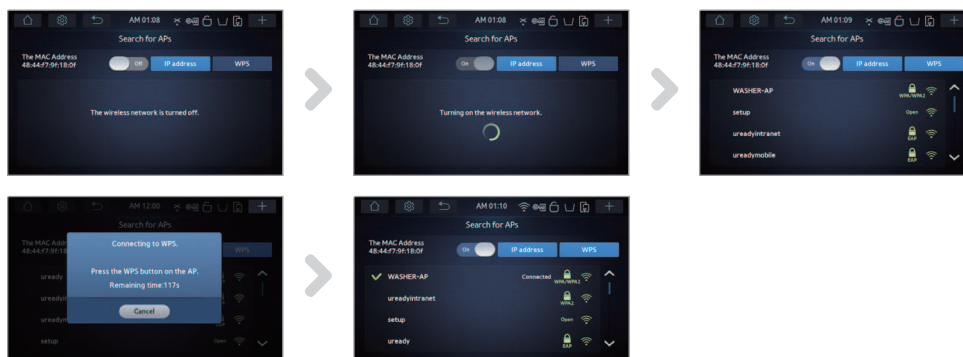
A faster and more convenient connection may be established between the router and the washer if you select "Connect Through Samsung Smart App". (Refer to 3)

- Please check to see if your router supports Wi-Fi Protected Setup™(WPS).
- Please check to see if your router has a WPS button.

 The Samsung Smart App has been optimized for Samsung smartphones. Some features may vary when running on other smartphones.

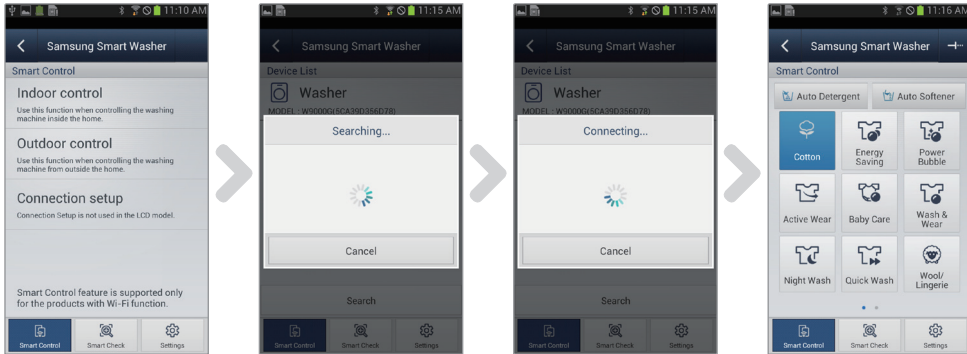


1. Connect to the desired wireless router using your smartphone's Wi-Fi function.
2. Turn on the washer by tapping the Power button.
3. Tap the Settings button to enter the settings screen.
4. Tap the Wi-Fi button to enter network settings.
5. Select "Turn On" under Wi-Fi.
6. It will search for wireless routers available for connection.
7. Select and activate the WPS function.
  - Press the WPS(PBC) button on your wireless router within 5 minutes. It will then automatically import the required network information to establish internet connection through the wireless router.
8. If the connection has been successfully established, the washer's display will show a 'Connected' sign.



# Using your mobile phone

## 9. Tap the Start/Pause button.



- Indoor control will only be available when the washer has been turned on and Smart Control has been activated.
- The Samsung Smart Washer uses the PBC method when in WPS.
- The WPS activation method for the wireless router can vary by manufacturer so please refer to the owner's manual of the router for further information.
- You may not be able to connect to the washer if the router's Wi-Fi connection is not certified.



WARNING

- If a wireless router without WPS certification attempts to establish connection to a washer, it may not be able to connect and/or Wi-Fi devices already connected to the router may be disconnected.
- Please be aware that certain wireless routers will reset if the WPS button is pressed for too long.
- Please be advised that at the time of installation, if the product(washer) and the wireless router are installed near a microwave or a dryer, Smart Control functions may not operate properly due to interference.

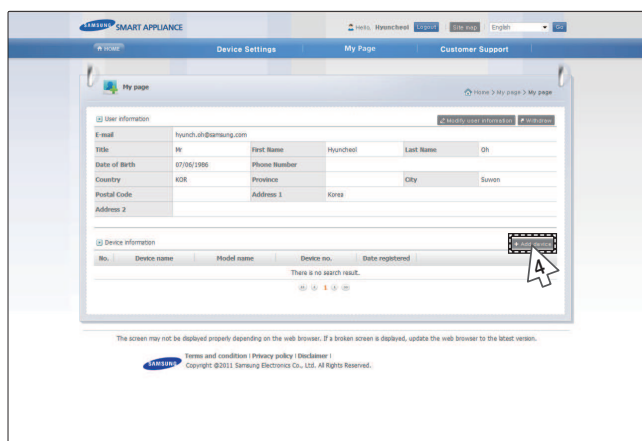
## Connection Setup For Outdoor Control

In order for you to use the Outdoor Control function on the Samsung Smart App, you must register the washer on the Samsung Smart Appliance website.

1. From your internet browser, connect to the Samsung Smart Appliance website (<http://www.samsungsmartappliance.com>).
2. Click [Access Samsung Account] and enter your user ID and password to log in.
  - If you do not have an existing account, go to Access Samsung Account → Create New Samsung Account and follow the instructions to complete your member registration.
3. At the top of the home page, click My Page → My Page in order.



4. Click [Add device].

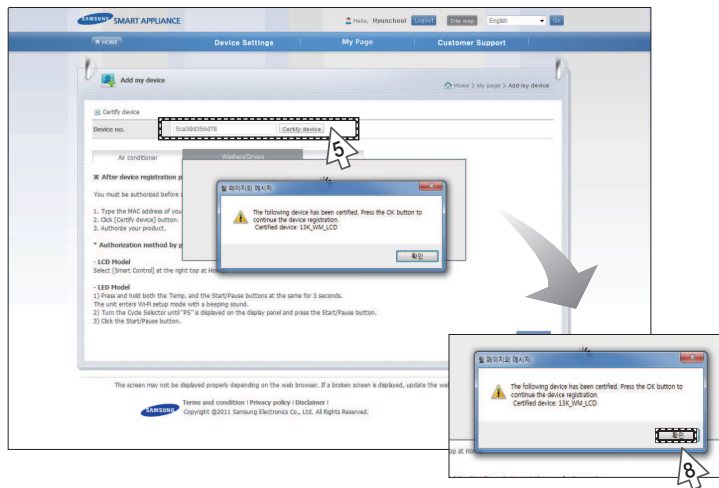


5. After entering the serial number, click [Certify device].
  - If the equipment number (MAC Address) is required to be confirmed, confirmation can be done in the Network Setting screen as shown in the picture below.
  - Input 12 digit MAC Address in order.

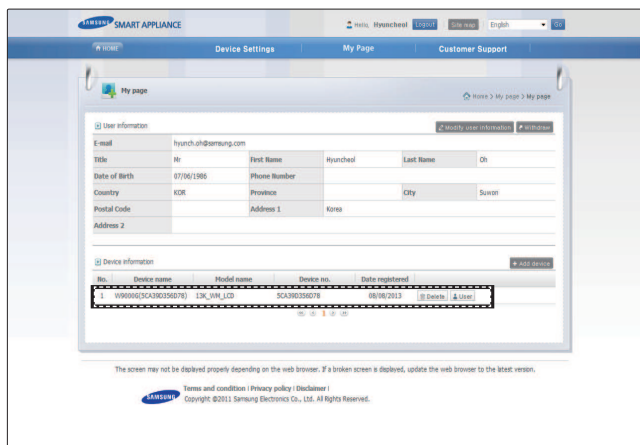
# Using your mobile phone



Serial Number



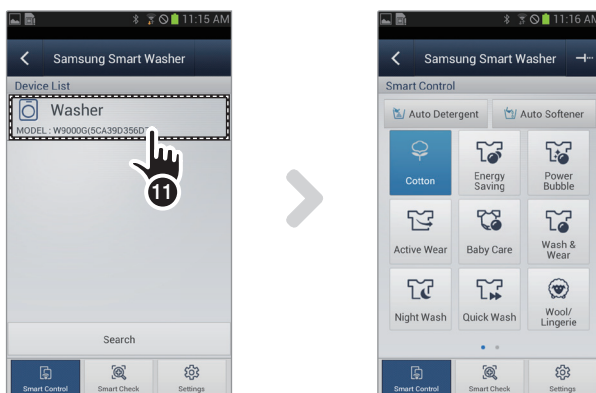
6. Method of authentication for washing machine: After pressing the Home button to return to the main menu, activate the Smart Control by the "ON" in [Additional Settings].
7. Click OK when asked to verify appliance.
  - If the washer is already registered to another user, you will be asked if you would like to de-authorize the permissions of the existing user.



8. When the registration has been finished, you can see the washer on the list of registered appliances.



9. On your smartphone under [Smart Control] → select [Outdoor Control].  
 10. Log in using the account you created through the Samsung Smart Appliance website (<http://www.samsungsmartappliance.com>).



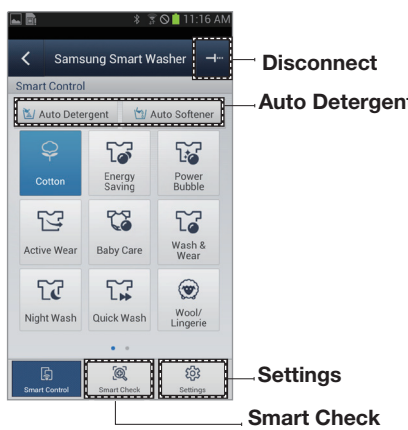
11. Select the appropriate washer on your smartphone.  
 Smart Control Mode will be activated.
- ☑ • Outdoor control will only be available when proper initial setup and outdoor control connection has been established.
  - Outdoor control will only be available when the washer has been turned on and Smart Control has been activated.
  - The request for Certify device of washing machine will only appear at the time of webpage. After authentication is done once, the authentication program for connection will not run next time and the washing machine can be directly connected.

# Using your mobile phone

## USING THE SAMSUNG SMART APP

### Smart Control Home Screen

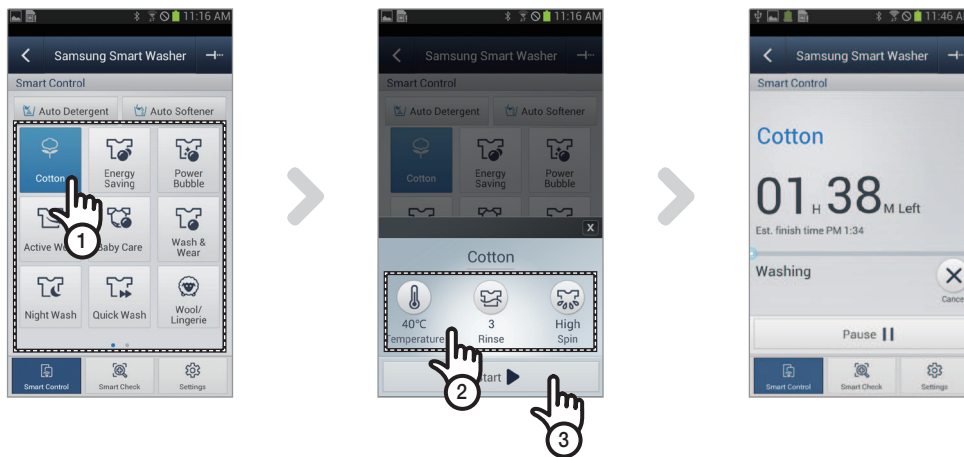
This is the main screen for Smart Control Mode.



The screenshot shows the main interface of the Samsung Smart Washer app. At the top, there is a 'Disconnect' button. Below it, the 'Auto Detergent' and 'Auto Softener' options are visible. The main area contains a grid of laundry modes: Cotton, Energy Saving, Power Bubble, Active Wear, Baby Care, Wash & Wear, Night Wash, Quick Wash, and Wool/Lingerie. At the bottom, there are buttons for 'Smart Control', 'Smart Check', and 'Settings'. Callouts with dashed boxes and arrows point to these specific elements.

<b>Smart Check</b>	Through the washer's display screen, you can troubleshoot and check the status of the machine. (Supported Models Only)
<b>Select Laundry Mode</b>	Choose laundry mode and begin wash cycle.
<b>Disconnect</b>	Disconnect from Smart Control.
<b>Auto Detergent</b>	Setup to add detergent automatically.
<b>Settings</b>	Additional settings and preferences.

### Running Smart Control

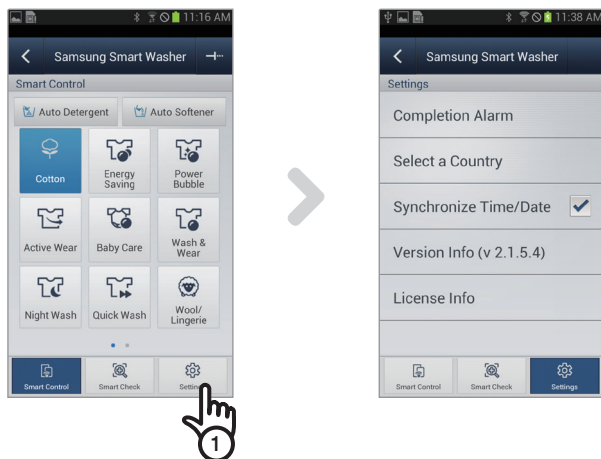


The sequence of three screenshots illustrates the process of starting a wash cycle. The first screenshot shows the 'Cotton' mode selected with a hand icon and the number '1'. The second screenshot shows the 'Cotton' mode selected, with the temperature set to 40°C, 3 rinses, and High Spin. A hand icon with the number '2' points to the 'Start' button. The third screenshot shows the 'Washing' screen with a timer at 01:38 and an estimated finish time of PM 1:34. A hand icon with the number '3' points to the 'Start' button.

1. Choose the desired laundry mode.
2. Make necessary changes to the wash cycle option.
3. Tap [Start] to start the wash cycle.

## Additional Washer Settings

You can control additional features and settings provided by the app.




1. Tap the Settings button to open the settings window.
2. Select the desired additional setting you want to configure.

<b>Notification for End of Cycle</b>	Configure alarm and vibration for end of cycle notifications.
<b>Enter Date of Purchase</b>	You may enter the date of purchase.
<b>Select Region for Laundry Index</b>	Select region to receive laundry index information.
<b>Time Synchronization</b>	Synchronize the current time between the washer and the smartphone. (Only LCD models are supported.)
<b>Version Information</b>	Displays the current version of the app.
<b>License Information</b>	Displays license information.

# Using your mobile phone

## INFORMATION TO REVIEW BEFORE CONTACTING CUSTOMER SUPPORT

Please review the following information before contacting customer support for product service.

Checklist		Solution	
Indoor Control	Samsung Smart App cannot detect the washer.	Is the Wi-Fi function turned on from the smartphone?	Turn on and enable the Wi-Fi connection.
		Could it be that the smartphone and the washer are connected to different wireless routers?	The smartphone and washer must be connected to the same wireless router.
	The smartphone and washer are connected to each other properly but it's still not working.		Restart the Samsung Smart App or reestablish connection between the smart phone and the wireless router. If not, unplug the power and wait for more than a minute and try again.
	When I select indoor control, multiple devices show up under washers.		Please select the washer that corresponds with your serial number.
Outdoor Control	I don't have a user ID and password to connect to outdoor control on the Samsung Smart App.		Go to the Samsung Smart Appliances website( <a href="http://www.samsungsmartappliance.com">http://www.samsungsmartappliance.com</a> ) to create an account and to register your washer.
	The Outdoor Control function does not work on the Samsung Smart App.	Has the Smart Control Function been configured on the washer?	Press the Smart Control button on the washer to activate Smart Control.
Common Issues	Even though I press the Smart Control  button, it still does not work.		In order for the wireless LAN service to be available, it takes about two minutes from the moment the system is powered on, in other words when you plug the power back in after you have taken it out. Please try again a few minutes later.

## Wireless Specifications

Items	Contents
<b>Frequency Range</b>	2412~2472 MHz (802.11 b/g/n20) 2422~2462 MHz (802.11 n40)
<b>Modulation Method</b>	CCK, OFDM
<b>Channel</b>	13 ch / 9 ch
<b>Antenna Method</b>	PIFA or Pattern
<b>Output</b>	10 mW/MHz (802.11 b/g/n20) 5 mW/MHz (802.11 n40)



The following radio equipment can cause electric wave interference, therefore the producer and installer of this equipment cannot be involved in services related to human safety.

# cleaning and maintaining your washing machine

## STORING YOUR WASHER

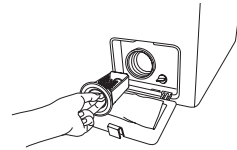
Washers can be damaged if water is not removed from hoses and internal components before storage. Prepare your Washer for storage as follows:

- Select the **Rinse+Spin** cycle and add bleach to the automatic dispenser. Run your Washer through the cycle without a load.
- Turn the water faucets off and disconnect the inlet hoses.
- Unplug your Washer from the electrical outlet and leave your Washer door open to let air circulate inside the tumbler.
- If your Washer has been stored in below-freezing temperatures, allow time for any leftover water in your Washer to thaw out before use.

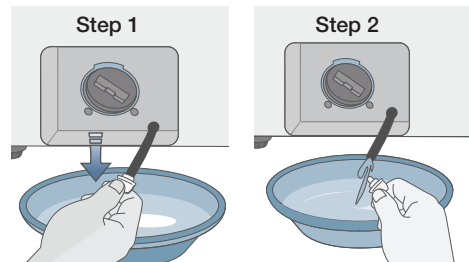
## CLEANING THE DEBRIS FILTER

We recommend cleaning the debris filter when water does not drain well or the “ND” error message is displayed.

1. Open the filter cover by pressing and pulling the handle of the filter cover with your finger.



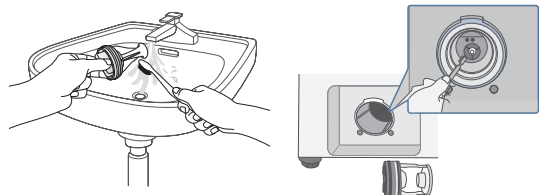
2. Unscrew the drain cap by turning it counterclockwise.
3. Hold the cap on the end of the drain tube and slowly pull it out about 6 inches (15 cm) and drain off all the water.



4. Remove the debris filter cap.



5. Wash any dirt or other material from the debris filter. Make sure the drain pump propeller behind the debris filter is not blocked.
6. Replace the debris filter cap.
7. Replace the filter cover.



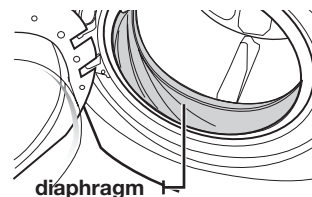
# cleaning and maintaining your washing machine

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## CLEANING THE DOOR DIAPHRAGM

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1. Open the washer door and remove any clothing or items from the washer.
2. Inspect the gray colored seal/bellow between the door opening and the basket for stained areas. Pull back the seal/bellow to inspect all areas under the seal/bellow and to check for foreign objects.



3. If stained areas are found, wipe down these areas of the seal/bellow, using the procedure that follows.
  - a) Mix a dilute solution, using  $\frac{3}{4}$  cup (177 mL) of liquid chlorine bleach, and 1 gal. (3.8 L) of warm tap water.
  - b) Wipe the seal/bellow area with the dilute solution, using a damp cloth.
  - c) Let stand 5 minutes.
  - d) Wipe down area thoroughly with a dry cloth and let the washer interior air dry with door open.



### IMPORTANT

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

## PRESERVING THE TOP COVER AND THE FRONT FRAME

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Do not place any heavy or sharp objects or a detergent box on the washing machine. Keep them on the purchased pedestal or in a separate storage box. This may scratch or damage the top cover of the washing machine.



Since the entire washing machine has a high-gloss finish, the surface can be scratched or damaged. Therefore, avoid scratching or damaging the surface when using the washing machine.

# Troubleshooting

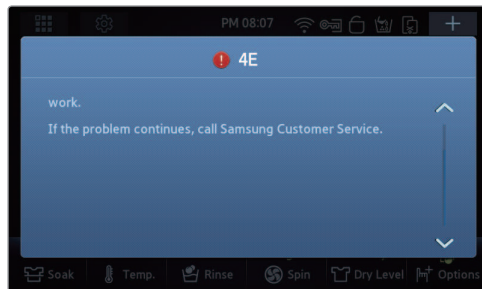
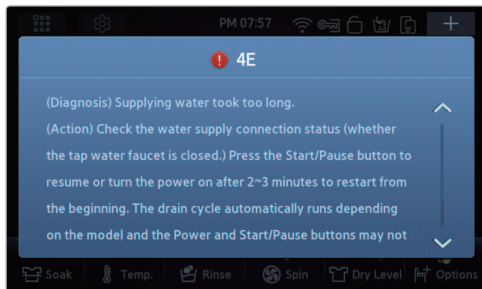
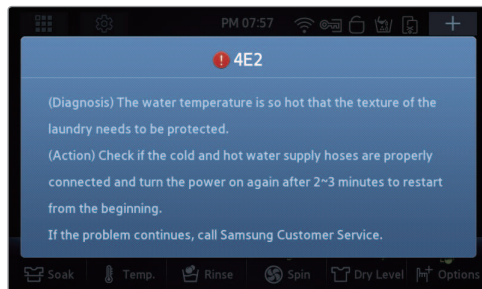
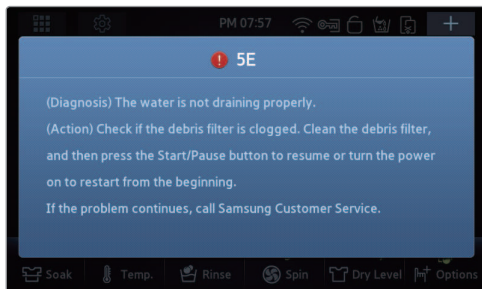
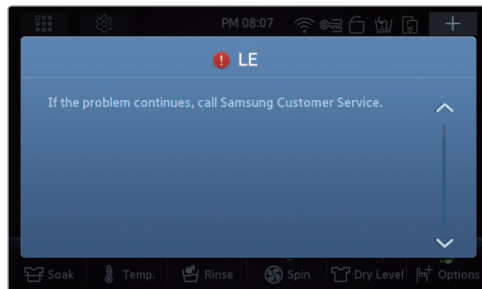
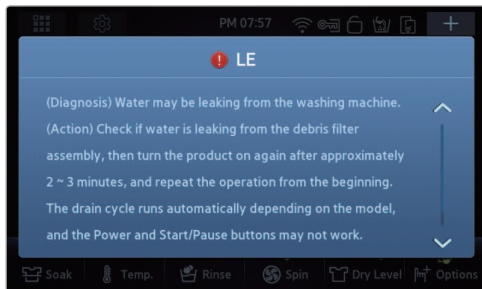
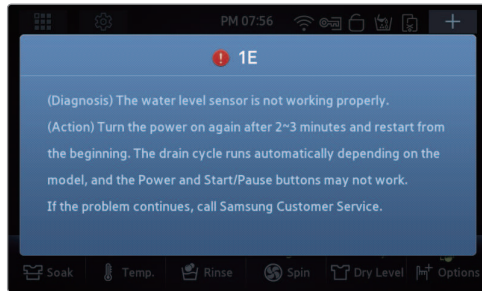
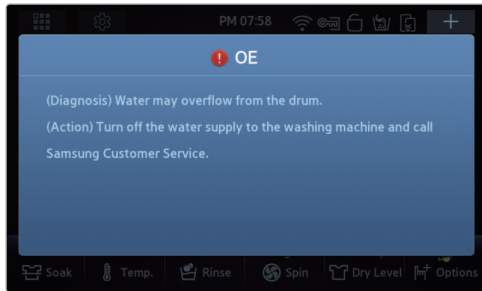
## CHECK THESE POINTS IF YOUR WASHER...

PROBLEM	SOLUTION
Will not start.	<ul style="list-style-type: none"> <li>• Make sure the door is firmly closed.</li> <li>• Make sure your washer is plugged in.</li> <li>• Make sure the water faucets are open.</li> <li>• Make sure to press the Start/Pause button to start your washer.</li> <li>• Make sure Child Lock is not activated.</li> <li>• Before your washer starts to fill, it will make a series of clicking noises to check the door lock and do a quick drain.</li> <li>• Check the fuse or reset the circuit breaker</li> </ul>
Has no water or not enough water.	<ul style="list-style-type: none"> <li>• Turn both faucets on fully.</li> <li>• Make sure the door is tightly closed.</li> <li>• Straighten the water inlet hoses.</li> <li>• Disconnect the hoses and clean the hose filter screens. The hose filter screens may be clogged.</li> <li>• Open and close the door, then press the Start/Pause Button.</li> </ul>
Has detergent remaining in the automatic dispenser after the wash cycle is complete.	<ul style="list-style-type: none"> <li>• Make sure your washer is running with sufficient water pressure.</li> <li>• Make sure the Detergent Selector dial is in the upper position when using granular detergent.</li> </ul>
Vibrates or is too noisy.	<ul style="list-style-type: none"> <li>• Make sure your washer is set on a level surface. If the surface is not level, adjust your washer's feet to level the appliance.</li> <li>• Make sure that the shipping bolts are removed.</li> <li>• Make sure your washer is not touching any other object.</li> <li>• Make sure the laundry load is balanced.</li> </ul>
Stops	<ul style="list-style-type: none"> <li>• Plug the power cord into a live electrical outlet.</li> <li>• Check the fuse or reset the circuit breaker.</li> <li>• Close the door and press the Start/Pause Button to start your washer. For your safety, your washer will not tumble or spin unless the door is closed.</li> <li>• Before your washer starts to fill, it will make a series of clicking noises to check the door lock and do a quick drain.</li> <li>• There may be a pause or soak period in the cycle. Wait briefly to see if it starts.</li> <li>• Check the screens on the inlet hoses at the faucets for obstructions. Clean the screens periodically.</li> </ul>

# Troubleshooting

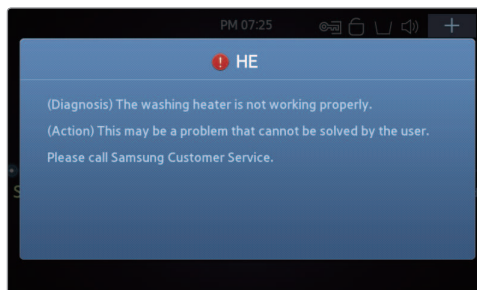
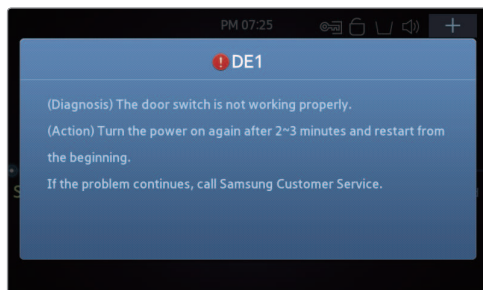
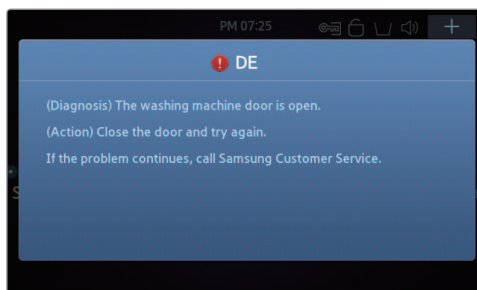
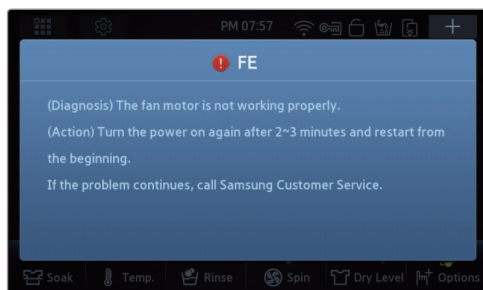
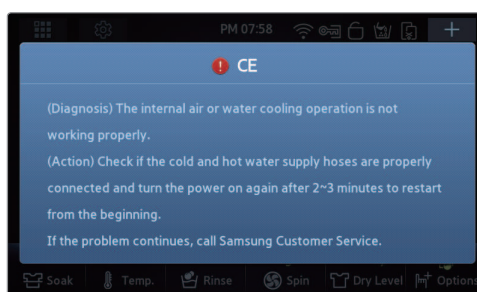
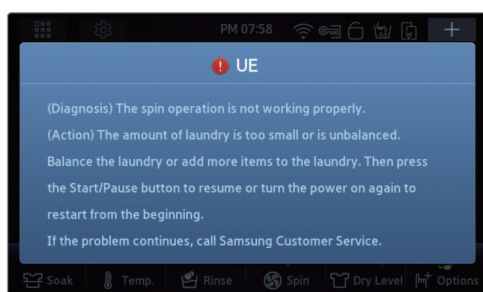
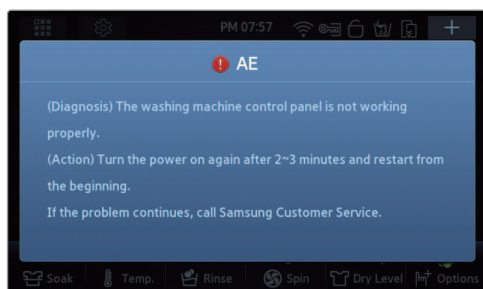
PROBLEM	SOLUTION
<b>Fills with the wrong temperature water.</b>	<ul style="list-style-type: none"> <li>• Turn both faucets on fully.</li> <li>• Make sure the temperature selection is correct.</li> <li>• Make sure the hoses are connected to the correct faucets. Flush water lines.</li> <li>• Check the water heater. It should be set to deliver a minimum 120° F (49° C) hot water at the tap. Also check the water heater capacity and recovery rate.</li> <li>• Disconnect the hoses and clean the screens. The hose filter screens may be plugged.</li> <li>• As your washer is filling, the water temperature may change as the automatic temperature control feature checks the incoming water temperature. This is normal.</li> <li>• While your washer is filling, you may notice just hot or just cold water going through the dispenser when the cold or warm wash temperature is selected. This is a normal function of the automatic temperature control feature as your washer determines the temperature of the water.</li> </ul>
<b>Door is locked or will not open.</b>	<ul style="list-style-type: none"> <li>• Press the Start/Pause Button to stop your washer.</li> <li>• Your washer door will remain locked during the heating portion of the Sanitize Cycle</li> <li>• It may take a few moments for the door lock mechanism to disengage.</li> </ul>
<b>Does not drain and/or spin.</b>	<ul style="list-style-type: none"> <li>• Check the fuse or reset the circuit breaker. Straighten the drain hoses. Eliminate bent hoses. If there is a drain restriction, contact the customer service center.</li> <li>• Close the door and press the Start/Pause Button. For your safety, your washer will not tumble or spin unless the door is closed.</li> <li>• Make sure the debris filter is not clogged.</li> </ul>
<b>Load is too wet at the end of the cycle.</b>	<ul style="list-style-type: none"> <li>• Use the High or Extra High spin speed.</li> <li>• Use high efficiency detergent to reduce over-sudsing.</li> <li>• The load is too small. Very small loads (one or two items) may become unbalanced and not spin out completely.</li> </ul>
<b>Leaks water.</b>	<ul style="list-style-type: none"> <li>• Make sure the door is firmly closed.</li> <li>• Make sure all hose connections are tight.</li> <li>• Make sure the end of the drain hose is correctly inserted and secured to the drainage system.</li> <li>• Avoid overloading.</li> <li>• Use high efficiency detergent to prevent over-sudsing.</li> </ul>
<b>Has excessive suds.</b>	<ul style="list-style-type: none"> <li>• Use high efficiency detergent to prevent over-sudsing.</li> <li>• Reduce the detergent amount for soft water, small or lightly soiled loads.</li> <li>• Non-HE detergent is NOT recommended.</li> </ul>
<b>Has an odor.</b>	<ul style="list-style-type: none"> <li>• Excessive suds collect in nooks and crannies and can cause foul odors.</li> <li>• Run cleansing cycles to sanitize the machine periodically.</li> <li>• Clean the door seal (Diaphragm).</li> <li>• Dry the interior of your washer after the total cycle has finished.</li> </ul>

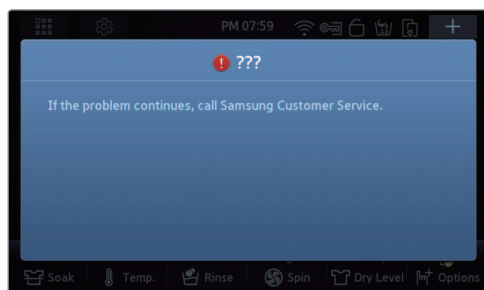
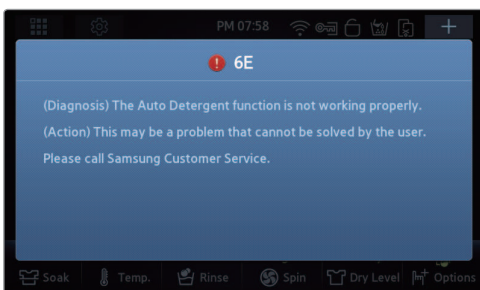
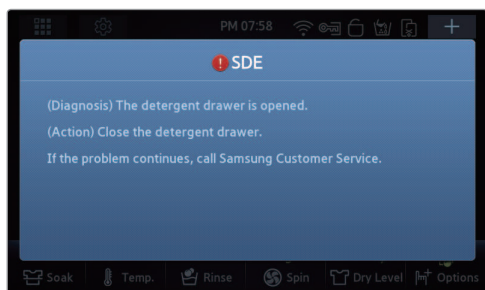
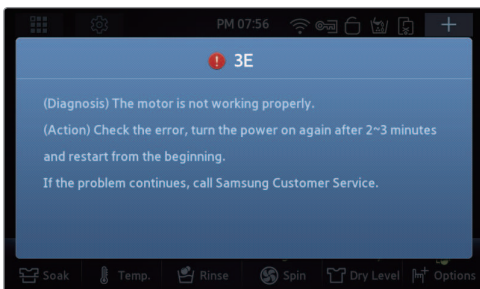
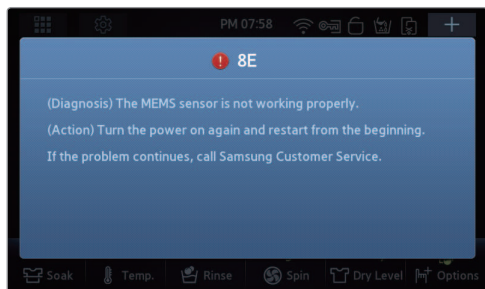
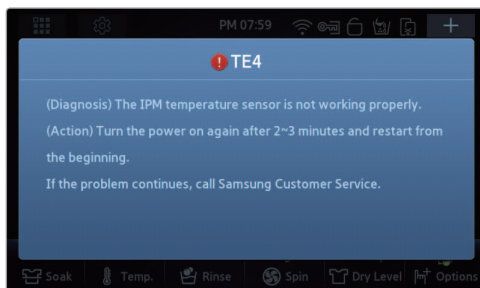
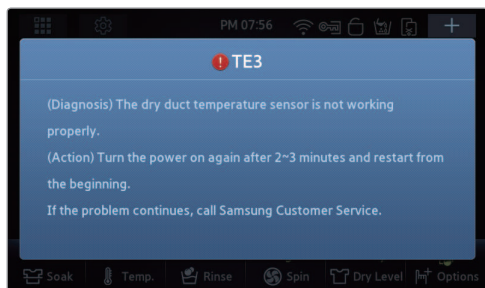
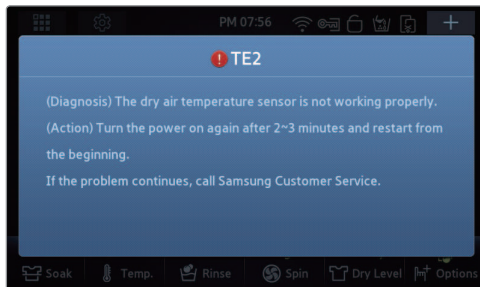
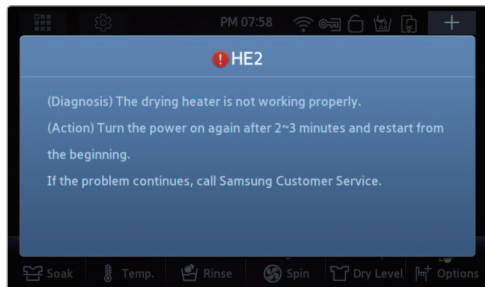
# Troubleshooting and information codes



# troubleshooting and information codes

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# cycle chart

## CYCLE CHART (WD10F8K9\*\*)

(● default option, ● user option)

PROGRAM	Functions																
	Temp.					Spin						Drying					
	Cold	30°C	40°C	60°C	95°C	Rinse Hold	No Spin	Low	Medium	High	Extra High	No Dry	Time	Delicates	Shirt	Extra Dry	Cup-board
Cotton	●	●	●	●	-	●	●	●	●	●	●	●	●	●	●	●	●
Energy Saving	●	●	●	-	-	●	●	●	●	●	●	●	●	●	●	●	●
Power Bubble	●	●	●	●	-	●	●	●	●	●	●	●	●	●	●	●	●
Active Wear	●	●	-	-	-	●	●	●	●	-	-	-	-	-	-	-	-
Baby Care	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Wash & Wear	●	●	-	-	-	-	-	-	-	-	●	-	-	-	-	-	●
Night Wash	●	●	●	●	-	-	-	-	-	-	●	●	-	-	-	-	●
Quick Wash	●	●	●	-	-	●	●	●	●	●	●	●	●	●	●	●	●
Wool/Lingerie	●	●	●	-	-	●	●	●	-	-	-	-	-	-	-	-	-
Bedding	●	●	●	-	-	●	●	●	●	●	-	-	-	-	-	-	-
Sanitize	-	-	-	-	●	●	●	●	●	●	●	●	●	●	●	●	●
Drum Clean	-	-	-	●	-	-	-	-	●	-	-	-	-	-	-	-	-





























PROGRAM	Option				
	Bubble	Delay End	Child Lock	Auto Detergent	Auto Softner
Cotton	●	●	●	●	●
Energy Saving	●	●	●	●	●
Power Bubble	●	●	●	●	●
Active Wear	●	●	●	●	●
Baby Care	●	●	●	●	●
Wash & Wear	●	●	●	●	●
Night Wash	●	●	●	●	●
Quick Wash	●	●	●	●	●
Wool/Lingerie	●	●	●	●	●
Bedding	●	●	●	●	●
Sanitize	●	●	●	●	●
Drum Clean	-	●	●	-	-

1. The cycle duration data has been measured under the conditions specified in Standard IEC 60456 / EN 60456.
2. Powdered detergent should be thoroughly dissolved in a small amount of warm water before adding to the machine.
3. Course time in individual homes may differ from the values given in the table due to variations in the pressure and temperature of the water supply, the load and the type of laundry.

# appendix

## FABRIC CARE CHART

The following symbols provide garment care directions. The care labels include four symbols in this order: washing, bleaching, drying and ironing (and dry cleaning when necessary). The use of symbols ensures consistency among garment manufacturers of domestic and imported items. Follow the care label directions to maximize garment life and reduce laundry problems.

	Resistant material		Can be ironed at 100 °C max
	Delicate fabric		Do not iron
 	Item may be washed at 95 °C		Can be dry cleaned using any solvent
 	Item may be washed at 60 °C		Dry clean with perchloride, lighter fuel, pure alcohol or R113 only
 	Item may be washed at 40 °C		Dry clean with aviation fuel, pure alcohol or R113 only
 	Item may be washed at 30 °C		Do not dry clean
	Item may be hand washed		Dry flat
	Dry clean only		Can be hung to dry
	Can be bleached in cold water		Dry on clothes hanger
	Do not bleach		Tumble dry, normal heat
	Can be ironed at 200 °C max		Tumble dry, reduced heat
	Can be ironed at 150 °C max		Do not tumble dry

## PROTECTING THE ENVIRONMENT

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

# appendix

## SPECIFICATIONS

TYPE		AUTOMATIC ELECTRIC WASHING MACHINE (FRONT LOADING)	
DIMENSIONS		WD10F8K9ABG	
		W 686 mm X D 865 mm X H 990 mm	
WATER PRESSURE		0.05~0.78 Mpa (0.5~8kgf/cm <sup>2</sup> )	
WATER VOLUME		126.5 ℓ	
NET WEIGHT		108 kg	
WASH AND SPIN CAPACITY		10.0 kg	
DRY CAPACITY		8.0 kg	
POWER CONSUMPTION	WASHING	220~240 V	200 W
	WASH AND HEATING	220~240 V	2200 W
	DRYING	220~240 V	2100 W
	PUMPING	30 W	
PACKAGE WEIGHT	PAPER	1.3 kg	
	PLASTIC	1.8 kg	
SPIN REVOLUTIONS	rpm	1100 rpm	

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### LGPL Software:

libnl-Netlink Library, Mini-XML

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# appendix

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