

SAMSUNG

Washing Machine Owner's Instructions

**S821
S621**



CODE NO : DC68-00872A

Safety Precautions

Congratulations on your purchase of this Samsung washing machine. These Owner's Instructions contain valuable information on the installation, use, and care of this appliance. Please take the time to read these instructions so that you can take full advantage of the washing machine's features and enjoy this appliance for many years to come.

Before using the appliance

- Packing materials can be dangerous to children; keep all packing material (plastic bags, polystyrene, etc.) well out of the reach of children.
- The appliance is designed for home use only.
- Make sure that water and electrical connections are made by qualified technicians, observing the manufacturer's instructions (see "Installing the Washing Machine" on page 3) and local safety regulations.
- All packaging and shipping bolts must be removed before the appliance is used. Serious damage may occur if they are not removed. See "Removing the shipping bolts" on page 4.
- Before washing clothes for the first time, you must run a complete cycle without clothes. See "Washing for the first time" on page 8.

Safety instructions

- Before cleaning or carrying out maintenance, unplug the appliance from the electrical outlet or set the Ⓞ(On/Off) button to Off.
- 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.
- Always unplug the appliance and turn off the water after use.
- Before you open the door of the appliance, check that the water has drained. Do not open the door if you can still see water.
- Pets and small children may climb into the appliance. Check the appliance before each use.
- The glass door becomes very hot during the washing cycle. Keep children away from the appliance while it is in use.
- Do not attempt to repair the appliance yourself. Repairs made by inexperienced or unqualified persons may cause injury and/or make more serious repairs to the appliance necessary.
- If the plug (power supply cord) is damaged, it must be replaced by the manufacturer or its service agent or a similar qualified person in order to avoid a hazard.
- This appliance should only be serviced by an authorized service center, and only genuine spare parts should be used.

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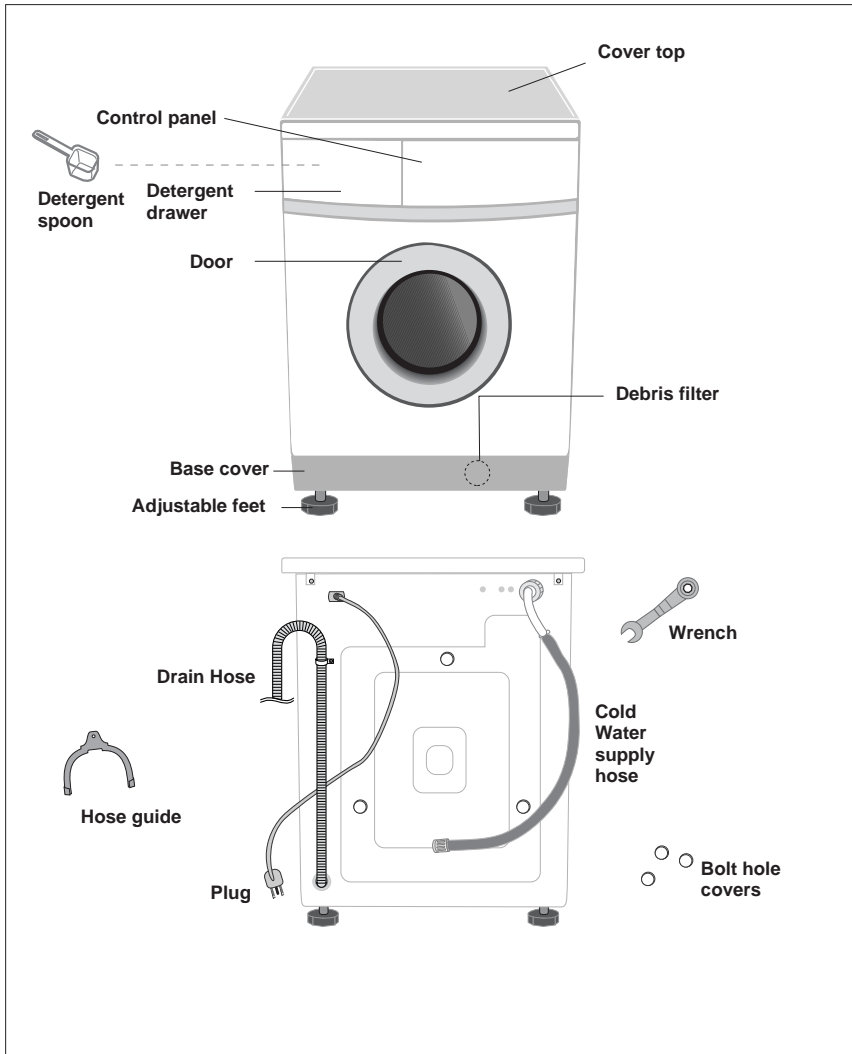
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Installing the Washing Machine

Unpacking the Washing Machine

Unpack your washing machine and inspect it for shipping damage. Also make sure that you have received all of the items shown below. If the washing machine was damaged during shipping or you do not have all of the items, contact your Samsung dealer immediately.

Overview of the washing machine



Installing the Washing Machine

Selecting a location

Before you install the washing machine, select a location with the following characteristics:

- A hard, level surface (if the surface is uneven, see "Adjusting the leveling feet," below)
- Away from direct sunlight.
- Adequate ventilation
- Room temperature that will not fall below 0 °C
- Away from sources of heat such as coal or gas

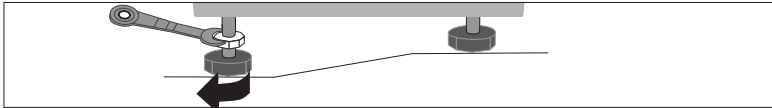
Make sure that the washing machine does not stand on its power cord.

Ventilation openings must not be obstructed by carpeting when the washing machine is installed on a carpeted floor.

Adjusting the leveling feet

If the floor is uneven, adjust the feet (do not insert pieces of wood or any other objects under the feet):

1. Loosen the leg bolt by turning it with your hand until it is at the desired height.
2. Tighten the locking nut by turning it with the supplied wrench.



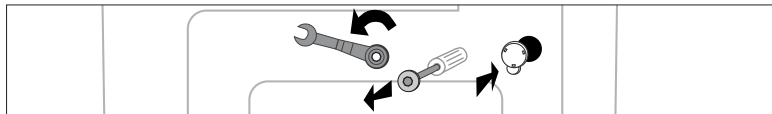
- **Place the washer on a sturdy, flat surface.**

If the washer is placed on an uneven or weak surface, noise or vibration occurs.

(Only a 1 degree angle is allowed.)

Removing the shipping bolts

Before using the washing machine, you must remove the three shipping bolts from the back of the unit. To remove the bolts:



1. Loosen all bolts with the supplied wrench before removing them.
2. Take each bolt head and pull it through the wide part of the hole.
Repeat for each bolt.
3. Fill the holes with the supplied plastic covers.
4. Keep the shipping bolts for future use.

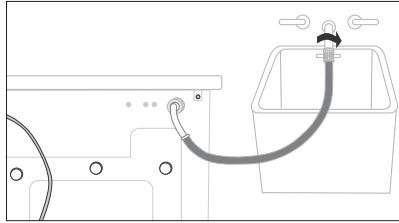
Installing the Washing Machine

Connecting the water supply hose

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

To connect the water supply hose:

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



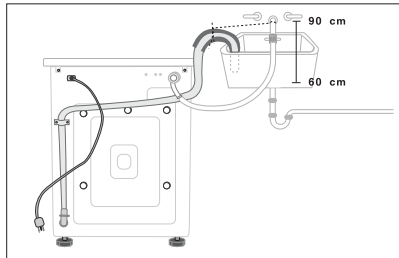
2. Connect the other end of the cold water supply hose to your sink's cold water faucet and tighten it by hand. If necessary, you can reposition the water supply hose at the washing machine end by loosening the fitting, rotating the hose, and retightening the fitting.

Positioning the drain hose

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

Over the edge of a sink

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 faucet with a piece of string to prevent the drain hose from moving.



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.

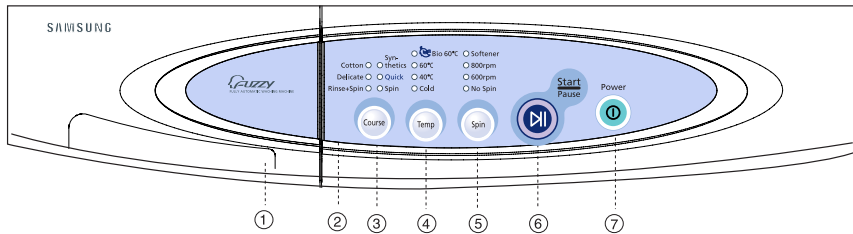
In a drain pipe

Samsung recommends that you use a 65 cm high vertical pipe; it must be no shorter than 60 cm and no longer than 90 cm.

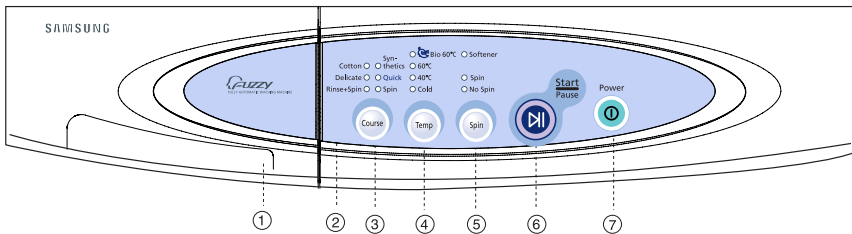
Washing a Load of Laundry

Overview of the control panel

S821



S621



1. Detergent dispenser
2. Display panel
Displays wash cycle and error messages by LED lamps.
3. Program button
Press the button repeatedly to select one of the six available wash program.
{Cotton→Synthetics→Delicates→Quick→Rinse+Spin→Spin→Cotton}.
Note : If you want to use the Softner, see "Putting softer in the..." on page 7
4. Temperature selection button
Press the button repeatedly to cycle through the available water temperature options (cold, 40 °C, 60 °C and Bio 60 °C).
* Bio 60°C : To improve the Wash efficiency, heating during 30 min.
5. Spin selection button
Press the button repeatedly to cycle through the available spin speed options.

| | |
|------|--------------------|
| S821 | No Spin, 600, 800 |
| S621 | No Spin, Spin(600) |
6. Start/Pause button
Press to pause and restart programs.
7. ⏻ (On/Off) button
Press once to turn the washing machine on, press again to turn the washing machine off.
If the washing machine power is left on for longer than 10 minutes without any buttons being touched, the power automatically turns off.

Washing a Load of Laundry

WM stops the current step of the cycle or does not proceed to the next step of washing (indication of remain time on LED display may increase).

Your new washing machine is equipped with Fuzzy Logic system, which not only sets the optimum level of water and other parameters of washing, but also controls the washing process as well as makes necessary corrections in order to provide better washing results.

In the above- mentioned matter, the Fuzzy Logic system has detected deviations in washing cycle such as: high quantity of detergent at the end of the cycle, high vibration level while spinning, etc.

After detection of such abnormalities, the washing machine is suspending the normal course of program in order to normalize these parameters and continue the cycle.

Fuzzy logic system makes 7 attempts to eliminate such deviations.

If it is impossible to normalize the above mentioned deviations by

Fuzzy Logic system, you will see the corresponding indication on LED lamps.

(see chapter "Troubleshooting") The operation of Washing machine that corresponds to above- mentioned scheme is considered to be normal.

Washing for the first time

Before washing clothes for the first time, you must run a complete cycle without clothes. To do this:

1. Press the $\text{\textcircled{O}}$ (On/Off) button.
2. Pour a little detergent in the detergent drawer $\text{\textcircled{D}}$.



3. Turn on the water supply to the washing machine.
4. Press the Temperature button repeatedly until 40 °C is displayed.
5. Press the Start/Pause button.
- This will remove any water from the manufacturer's test run remaining in the machine.

Washing a Load of Laundry

Washing clothes manually

You can wash clothes manually without using the Fuzzy Logic feature. To do so:

1. Turn on the water at the water source sink.
2. Press the **Ⓞ** (On/Off) button on the washing machine.
3. Open the door.
4. Load the articles one at a time loosely into the drum, without overfilling.
5. Close the door.
6. Put the detergent in the detergent drawer **Ⓞ**.
7. Press the Temperature button to select the temperature (cold water, 40°C, 60°C, Bio 60°C)
8. Repeatedly press the Program button to select the cycle you prefer: Cotton, Synthetics, Delicates, and Quick)
9. Press the Spin button to select the spin speed, [S821 : no Spin, 600,800] [S621 : no Spin, Spin(600)]
10. Press the Start/Pause button and the machine will begin the cycle.

When the cycle is finished:

1. Open the door.
Note: The door will not open until 3 minutes after the machine stops or the power turns off.
2. Remove laundry.

Putting Softener in the washing machine.

When the softner LED lamp flicker you can put softner in the detergent drawer.

Note : Softner LED lamp turn on during 2 mins before the last rinse cycle.

Washing a Load of Laundry

Washing tips and hints

Sorting your laundry : Sort your laundry according to the following characteristics:

- **Type of fabric care label symbol :** Sort laundry into cottons, mixed fibers, synthetics, silks, wools and rayon.
- **Colour :** Divide whites and colours. Wash new, coloured items separately.
- **Size:** Placing items of different sizes in the same load will improve the washing action.
- **Sensitivity:** Wash delicate items separately, using the Delicate wash program for pure new wool, 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 : Coins, safety pins and similar items can damage linen, the washing machine drum, and the water tank.

Securing fasteners : Close zippers and fasten buttons or hooks; loose belts or ribbons should be tied together.

Determining load capacity: Do not overload the washing machine or your laundry may not wash properly. Use the chart below to determine the load capacity for the type of laundry you are washing.

| Fabric Type | Load Capacity |
|--------------------------|---------------|
| Cotton | |
| -average /lightly soiled | 3.5 kg |
| -heavily soiled | 3.5 kg |
| Synthetics | 2.0 kg |
| Delicates | 1.5 kg |
| Quick | 1.5 kg |

Detergent tips: The type of detergent you should use is based on the type of fabric (Cotton, Synthetic, Delicate items) colour, wash temperature, degree and type of soiling. Always use "low suds" laundry soap, which is designed for automatic washing machines.

Follow the detergent manufacturer's recommendations based upon 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, ask your water authority.

Note:

Keep detergents and additives in a safe, dry place out of the reach of children.

Maintaining the Washing Machine

Repairing a frozen washing machine

If the temperature drops below freezing and your washing machine is frozen:

1. Unplug the washing machine.
2. Pour warm water on the source faucet to loosen the water supply hose.
3. Remove the water supply hose and soak it in warm water.
4. Pour warm water into the washing machine drum and let it sit for 10 minutes.
5. Reconnect the water supply hose to the water faucet and check if the water supply and drain operations are normal.

Cleaning the exterior

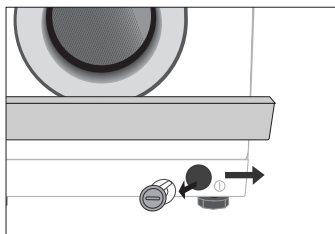
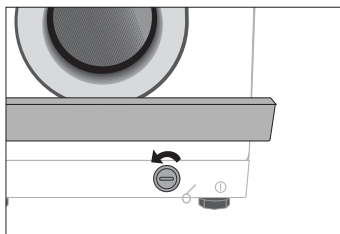
1. Wipe the washing machine surfaces, including the control panel, with a soft cloth and non-abrasive household detergents.
2. Use a soft cloth to dry the surfaces.
3. Do not pour water on the washing machine.

Maintaining the Washing Machine

Cleaning the debris filter

Clean the debris filter 2 or 3 times a year.

1. Remove the base cover from the front of the washing machine.
2. Unscrew emergency drain cap by turning left and drain off all the water.
3. Unscrew the filter cap and take it out.



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

Cleaning the water hose mesh filter

You should clean the water hose mesh filter at least one time per year,, or when the lamps on your machine flickers:

To do this:

1. Turn off the water source to the washing machine.
2. Unscrew the hose from the back of the washing machine.
3. With a pair of pliers, gently pull out the mesh filter from the end of the hose and rinse it under water until clean. Also clean the inside and outside of the threaded connector.



4. Push the filter back into place.
5. Screw the hose back onto the washing machine.
6. Turn on the faucet and make sure the connections are watertight.

Troubleshooting

Problems and solutions

The washing machine will not start

- Make sure the door is firmly closed.
- Make sure the washing machine is plugged in.
- Make sure the water source faucet is turned on.
- Make sure to press the Start/Pause button.

No water or insufficient water supply

- Make sure the water source faucet is turned on.
- Make sure the water source hose is not frozen.
- Make sure the water intake hose is not bent.
- Make sure the filter on the water intake hose is not clogged.

Detergent remains in the detergent drawer after the wash program is complete

- Make sure the washing machine is running with sufficient water pressure.
- Put the detergents in the inner parts of the drawer (away from the outside edges).

Washing machine vibrates or is too noisy

- Make sure the washing machine is set on a level surface. If the surface is not level, adjust the washing machine feet to level the appliance (see page 3).
- Make sure that the shipping bolts are removed (see page 3).
- Make sure the washing machine is not touching any other object.
- Make sure the laundry load is balanced.


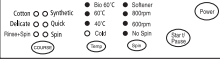
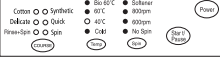

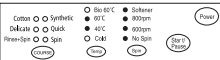
The washing machine does not drain and/or spin

- Make sure the drain hose is not squashed or bent.
- Make sure the water hose mesh filter is not clogged (ADD THE PAGE NUMBER).

Understanding error messages

Error displayed

Solution

| | |
|---|---|
|  | <p>Close the door.</p> |
|  | <ul style="list-style-type: none"> • Make sure the source water faucet is turned on. • Check the water pressure. |
|  | <p>...</p> <ul style="list-style-type: none"> • Clean the debris filter. • Make sure the drainage hose is installed correctly. |
|  | <p>Laundry load is unbalanced; loosen any tangled laundry.</p> <p>If only one item of clothing needs washing, such as a bathrobe or jeans, the final spin result might be unsatisfactory and an "E4" error message will be shown in the display window.</p> |
|  | <ul style="list-style-type: none"> • Check the end of the drain hose is too low. (Make sure the holder of drain hose in the back is intact) • Check the end of the drain hose is submerged in water. |

Before contacting After-Sales service:

1. Try to remedy the problem (See "Troubleshooting" on this page).
2. Restart the programme to see if the fault is repeated.
3. If the malfunction persists, call after-sales service and describe the problem.

Programme Chart





























| PRO-GRAM | Max load (kg) | DETERGENT AND ADDITIVES | | Tem-perature (MAX) °C | Spin Speed(MAX)rpm | |
|-----------|---------------|-------------------------|-----------|-----------------------|--------------------|------|
| | | wash | Sof tener | | S821 | S621 |
| Cotton | 3.5 | yes | * | 60 | 800 | 600 |
| Synthetic | 2.0 | yes | * | 40 | 800 | 600 |
| Delicate | 1.5 | yes | * | 40 | 600 | 600 |
| Quick | 1.5 | yes | * | 40 | 800 | 600 |

| PROGRAM | Type of WASH |
|-----------|--|
| Cotton | Average or lightly soiled cottons, bed linen, table linen, underwear, towels, shirts, etc. |
| Synthetic | Average or lightly soiled blouses, shirts, etc., which are made of polyester (diolen, trevira), polyamide (perlon, nylon) or other similar blends. |
| Delicates | Delicate curtains, dresses, skirts, shirts and blouses. |
| Quick | Lightly soiled cottons or linen blouses, shirts, dark coloured terry cloth, coloured linen articles, jeans, etc. |

1. The programme duration data has been measured under the conditions specified in Standard IEC 456.
2. Consumption 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

| | | | | |
|---|---|---|---|---|
|  | 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 | |

Electrical warnings

To reduce the risk of fire, electrical shock, and other injuries, keep these safety precautions in mind:

- Operate the appliance only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult your appliance dealer or local power company.
- Use only a grounded or polarized outlet. For your safety, this appliance is equipped with a polarized alternating current line plug having one blade wider than the other. This plug will fit into the power outlet only one way. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug still doesn't fit, contact your electrician to replace your outlet.
- Protect the power cord. Power supply cords should be routed so that they are unlikely to be walked on or pinched by items placed on or against them. Pay particular attention to cords at plugs, convenience receptacles, and the point where they exit from the unit.
- Do not overload the wall outlet or extension cords. Overloading can result in fire or electric shock.

Appendix

Protecting the environment

- This appliance is manufactured from recyclable materials. If you decide to dispose of this appliance, please observe local waste disposal regulations. Cut off the power cord so that the appliance cannot be connected to a power source. Remove the door so that animals and small children cannot get trapped inside the appliance.
- Do not exceed the detergent quantities recommended in the detergent manufacturers' 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).

Declaration of conformity

This appliance complies with European safety standards, EC directive 93/68 and EN Standard 60335.

Specification

| | | | | |
|------------------------|--------------------------|-------|-------|------|
| TYPE | FRONT LOADING WASHER | | | |
| DIMENSION | W598mm × D340mm × H844mm | | | |
| WATER PRESSURE | 50 kPa ~ 800 kPa | | | |
| WEIGHT | 55 kg | | | |
| WASH and SPIN CAPACITY | 3.5 kg (DRY LAUNDRY) | | | |
| POWER CONSUMPTION | WASHING | 220V | 110W | |
| | | 240V | 110W | |
| | WASHING AND HEATING | 220V | 900W | |
| | | 240V | 1050W | |
| | SPIN | MODEL | S821 | S621 |
| | | 230V | 170W | 170W |
| PUMPING | 34W | | | |
| WATER VOLUME | 43/ (STANDARD COURSE) | | | |
| SPIN REVOLUTION | MODEL | S821 | S621 | |
| | rpm | 800 | 600 | |

IN CASE THE NEED FOR SERVICING ARISES

-Don't hesitate to call any AS center nearby with your name, address, telephone number, model number and serial number of your machine when anything wrong with your product occurs.

