

SAMSUNG

Washing Machine Owner's Instructions

P6091
SWV-600F



Safety Precautions

Congratulations on your purchase of the new 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," page 2) 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 3.
- First wash cycle without laundry (See on page 8).

Safety instructions

- Before cleaning or carrying out maintenance, unplug the appliance from the electrical outlet.
 - 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.
- **SAVE THESE INSTRUCTIONS**

Table of Contents

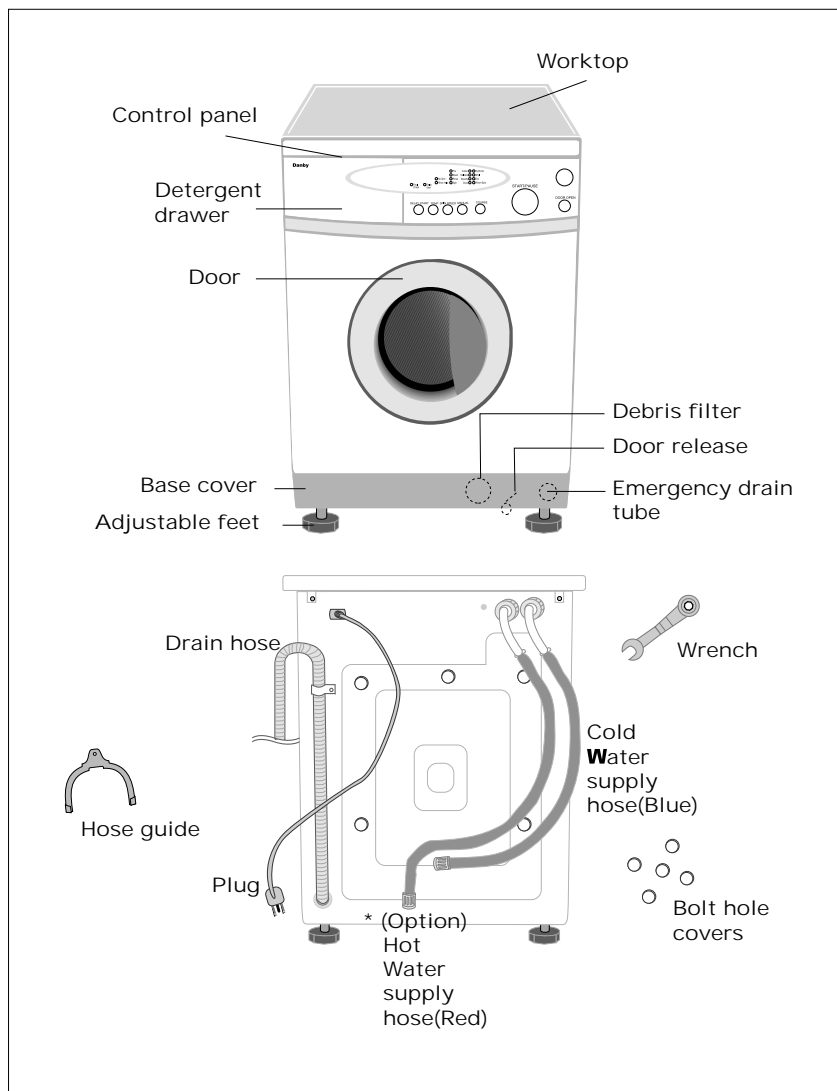
Safety Precautions	<i>inside cover</i>
Installing the Washing Machine	2
Unpacking the washing machine	2
Overview of the washing machine	2
Selecting a location	3
Adjusting the leveling feet	3
Removing the shipping bolts	3
Connecting the water supply hose	4
Positioning the drain hose	4
Plugging in the machine	5
Washing a Load of Laundry	6
Overview of the control panel	6
Washing for the first time	7
Putting detergent in the washing machine	7
Washing clothes using fuzzy logic	8
Setting prewash	9
Washing clothes manually	9
Washing tips and hints	10
Maintaining the Washing Machine	11
Repairing a frozen washing machine	11
Cleaning the exterior	11
Cleaning the detergent drawer and recess	12
Cleaning the debris filter	13
Cleaning the water hose mesh filter	13
Troubleshooting	14
Problems and solutions	14
Program Chart	15
Appendix	16
Fabric care chart	16
Electrical warnings	16
Protecting the environment	17
Declaration of conformity	17
Specification	18

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 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.

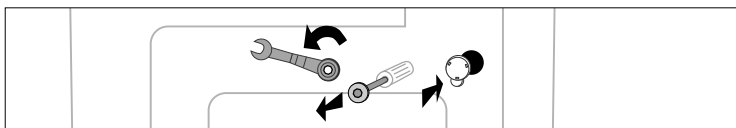


- **Place the washer on a sturdy flat Surface.**

If the washer is placed on an uneven or weak surface, noise or vibration occurs. (Allowable is 1 °)

Removing the shipping bolts

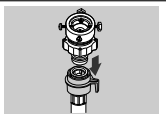
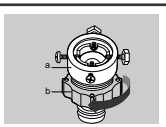
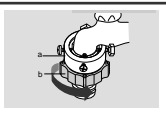
Before using the washing machine, you must remove the five shipping bolts from the back of the unit. To remove the bolts:



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 (Option)

<p>1. Remove the adaptor from the water supply hose.</p>		<p>4. Connect the water supply hose to the adaptor. Pull down the part (c) of the water supply hose. When you release part (c) the hose is automatically connects to the adaptor making a 'click' sound.</p>
<p>2. First, using a "+" type screw driver, loosen the four screws on the adaptor. Next, take the adaptor and turn part (b) following the arrow for gap about 5mm between them.</p>		<p>5. Connect the other end of the water supply hose to the inlet water valve at the top of the washer. Screw the hose clockwise all the way in.</p>
<p>3. Connect adaptor to the water tap by tightening the screws firmly. Then, turn part (b) following the arrow and put (a) and (b) together.</p>		<p>● If the water tap is a screw type, assemble a water supply hose that fits to the tap as shown.</p>

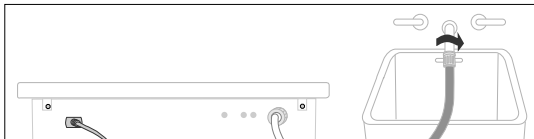
NOTICE After completing connection, if water leaks from the hose, then repeat the same steps. Use the most conventional type of faucet for water supply. In case the faucet is square or too big, remove the spacing ring before inserting the faucet into the adaptor.

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. Connect the cold water supply hose (Blue) fitting with the L-shaped arm to the cold water supply intake (Blue) on the back of the washing machine and hand tighten.



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.

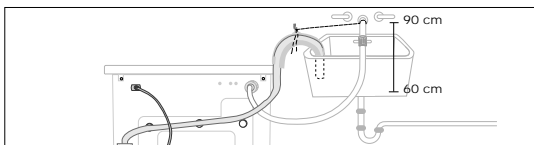
- Option :**
1. Connect the hot water supply hose (Red) fitting with the L-shaped arm to the hot water supply intake (Red) on the back of the washing machine and hand tighten.
 2. Connect the other end of the hot water supply hose to your sink's hot water faucet and tighten it by hand.
 3. If you want to use only cold water, use Y-piece.

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.

Installing the Washing Machine

In a drain pipe

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

The inside of the drain pipe must be wider than the diameter of the drain.

The drain hose can be extended to a length of up to 180 cm. Use an extension with an internal diameter at least equal to the diameter of the original hose and a suitable fitting. The hose extension will run along the floor and only the part near the drainage point will be raised.

Plugging in the machine

For European Users. You will **NOT** need to ground the plug of the washing machine.

For U.S. Users. You **MUST** ground the plug of the washing machine. Check with a licensed electrician before using the machine to make sure it is properly grounded.

For U.K. Users.

Wiring Instructions

WARNING THIS APPLIANCE MUST BE EARTHED.

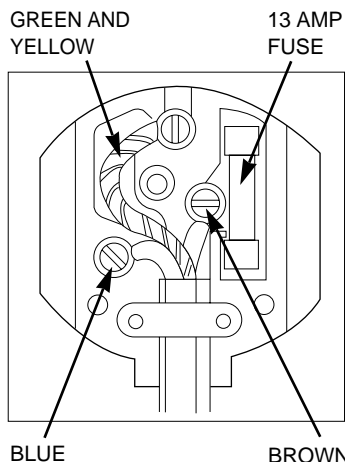
This appliance must be earthed. In the event of an electrical short circuit, earthing reduces the risk of electric shock providing an escape wire for the electric current. The appliance is equipped with a mains lead which includes an earth wire for connecting to the earth terminal of your mains plug. The plug must be plugged into a socket that is properly installed and earthed.

*The wires in this mains lead are coloured in accordance with the following code:

- Green-and yellow :Earth
- Blue :Neutral
- Brown :Live

- As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug, proceed as follows.
- Connect the green-and yellow wire to the terminal in the plug marked with the letter E or the earth symbol (\equiv) or coloured green or green-and-yellow.
- Connect the blue wire to the terminal marked with the letter N or coloured black.
- Connect the brown wire to the terminal marked with the letter L or coloured red.

*Consult a qualified electrician or service technician if in doubt about any of these instructions. The manufacturer of this washing machine will not accept any liability for damage to persons or material for non observance of these requirements. There are no user-serviceable parts inside the washing machine and if the mains lead of this appliance is damaged, it must only be replaced by qualified service personnel approved by the manufacturer because special tools are required.



WARNING

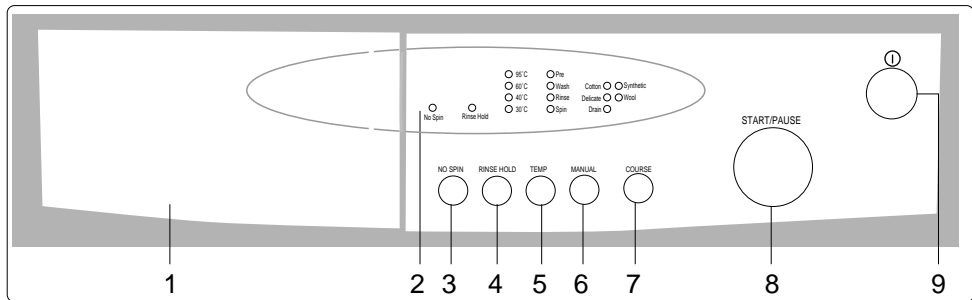
Ensure that the plug and power cord are not damaged before use. If you have any reason to remove the moulded plug from this appliance, immediately remove the fuse and dispose of the plug. Do not connect the plug to a mains socket under any circumstances as there is a danger of electric shock.

CIRCUITS

Your washing machine should be operated on a separate circuit from other appliances. Failure to do this may cause the circuit breaker to trip, the fuse to blow.

Washing a Load of Laundry

Overview of the control panel



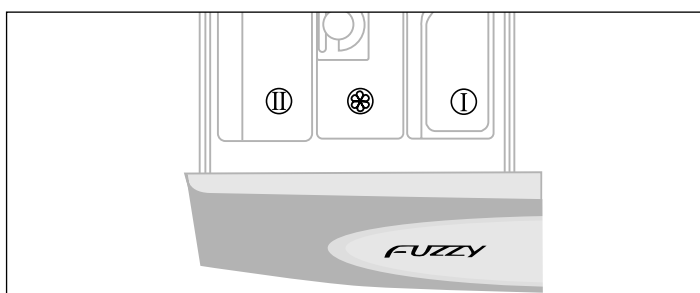
1. Detergent dispenser
2. Display panel
3. No Spin button
Press to no spin program.
4. Rinse Hold button
Press to rinse hold program.
5. Temperature button
Press the button repeatedly to cycle through the available water temperature (Cold, 30°, 40°, 60°, 95°C).
6. Manual button
Press the button repeatedly to cycle through the available partial wash options {Wash+Rinse+Spin → Prewash+Wash+Rinse+Spin → Spin → Rinse (1 time)+Spin → Rinse (2 times)+Spin}.
Note : Prewash is only available when washing cotton, synthetic or delicate.
7. Course button
Press the button repeatedly to select one of the right available programs (Cotton, Synthetic, Delicate, Wool, Drain).
8. Start/Pause button
Press to pause and restart programs.
9. Ⓞ (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

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 ① (On/Off) button .
2. Pour a little detergent into compartment ② in the detergent drawer.



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

Washing a Load of Laundry

Washing clothes using fuzzy logic

Your new washing machine makes washing clothes easy, using Samsung's "fuzzy logic" automatic control system. When you select an automatic wash program, the machine will automatically set the correct temperature, washing time, and rinse speed according to the weight of the clothes.

To wash clothes using the fuzzy logic programs:

1. Open the door and put the laundry in the machine.
2. Turn on your sink's water faucet.
3. Press the $\text{\textcircled{O}}$ (On/Off) button.
4. Add the detergent, softener, and prewash detergent (if necessary) into the appropriate compartment.

Note: Prewash is only available when washing cotton, synthetic, delicate garments. It is only necessary if your cotton clothing is heavily soiled. If you wish to use prewash, please see "Setting prewash" on page 9.

5. Choose the Course program to the type of clothes you are washing: Cotton, Synthetic, Delicate, Wool, Drain.
You will see the indicators light up on the control panel.
6. At this time, you can control the wash temperature.
7. Press the Start/Pause button and the wash cycle will begin.
8. To pause the wash cycle, press the Start/Pause button again.

When the cycle is finished:

1. Open the door.
Note: The door is opened about 2-3 minutes after power off.
2. Remove laundry.

Washing a Load of Laundry

Setting prewash

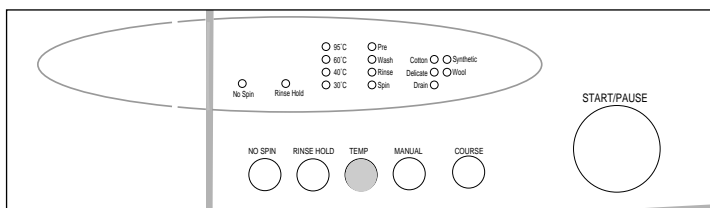
Prewash is only available when washing cotton, synthetic, delicate clothes. To use prewash:

1. Load the prewash detergent into compartment ① of the detergent drawer.
2. Select the wash program (cotton, synthetic or delicate)..
3. Press the Manual button until the "Prewash" indicator lights up on the control panel.
4. Press Start/Pause to begin the cycle.

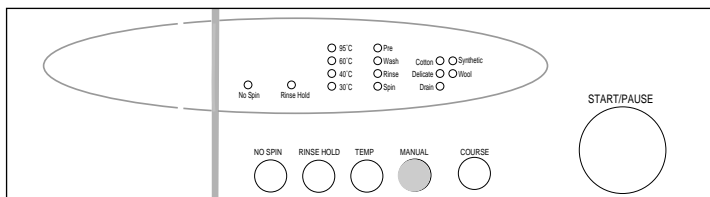
Washing clothes manually

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 ① (On/Off) button on the washing machine.
3. Open the door.
4. Put the detergent and, if necessary, softener or prewash detergent, in the appropriate compartments.
5. Press the Temperature button to select the temperature (cold water, 30°, 40°, 60°, or 95°) .



6. Repeatedly press the Manual button to select the cycle you prefer:



7. Press the Start/Pause button and the machine will begin the 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.
- **Color:** Divide whites and colors. Wash new, colored 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.

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, use a pre-wash with a protein-based detergent.

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
Colored/cotton	
– average/lightly soiled	5.0 kg
– heavily soiled	5.0 kg
Synthetics	2.5 kg
Delicates	2.0 kg
Wools	1.5 kg

Maintaining the Washing Machine

Detergent tips: The type of detergent you use is based on the type of fabric (cotton, synthetic, delicate items, wool), color, 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.

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.

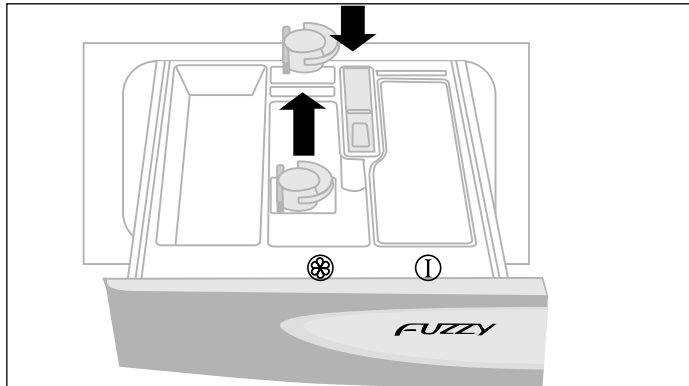
Cleaning the exterior

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 detergent drawer and recess

1. Press the release lever on the inside of the detergent drawer and pull it out.



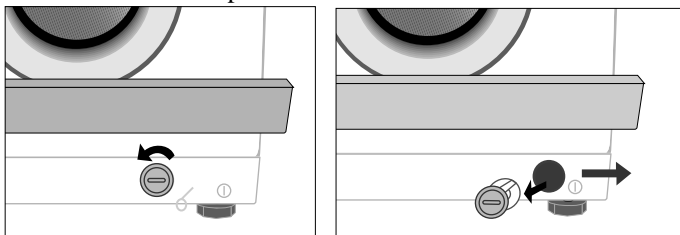
2. Remove the cap from compartment ⑥.
3. Wash all of the parts under running water.
4. Clean the drawer recess with an old toothbrush.
5. Reinsert the cap (pushing it firmly into place) and replace the liquid detergent divider into the drawer.
6. Push the drawer back into place.
7. Run a rinse program without any laundry in the drum.

Cleaning the debris filter

Maintaining the Washing Machine

Clean the debris filter 2 or 3 times a year.

1. Remove the base cover from the front of the washing machine.
2. Place a rag under filter not to wet the floor.
3. Unscrew the filter cap and take it out.



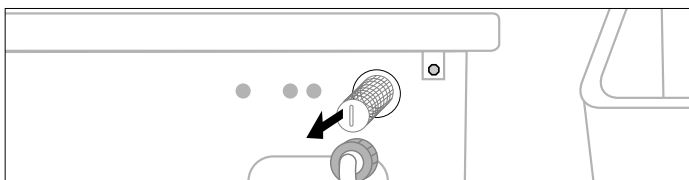
4. Wash any dirt or other material from the filter. Make sure the drain pump propeller behind the filter is not blocked. Replace the filter cap.
5. Replace the base cover.

Cleaning the water hose mesh filter

You should clean the water hose mesh filter once per year.

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.

Problems and solutions

Troubleshooting

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 detergent 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.

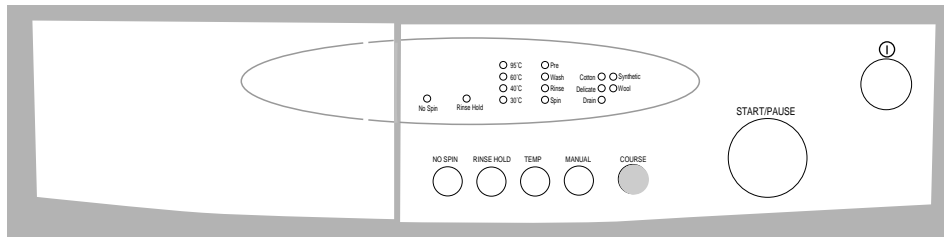
The washing machine does not drain and/or spin

- Make sure the drain hose is not squashed or bent.
- Make sure the water hose mesh filter is not clogged (see page 13).

Before contacting After-Sales service;

1. Try to remedy the problem (See “Trouble shooting guide”).
2. Restart the programme to see if the fault is repeated.
3. If the malfunction persists, call After-sales service and specify.

Programme Chart































PRO-GRAM	Max load (kg)	DETERGENT AND ADDITIVES			Temperature (MAX) °C	Spin speed (MAX) rpm	Function	Water (l)	Electricity (kWh)
		Pre wash	Wash	Softener					
Cotton	5.0	*	yes	*	95	600	*	54	1.82
Synthetic	2.5	*	yes	*	60	600	*	50	0.72
Delicate	2.0	*	yes	*	40	600	*	53	0.49
Wool	1.5	-	yes	*	40	400	-	59	0.52

PROGRAM	Type of WASH
Cotton	Averagely or lightly soiled cottons, bed linen, table linen, underwear, towels, shirts, etc.
Synthetic	Lighly or averagely soiled blouses, shirts, etc. Made of polyester(Diolen, Trevira), polyamide(perlon, Nylon) or similar blends.
Delicate	Delicate curtains, dresses, skirts, shirts and blouses.
Wool	Only machine washable wollens with pure new wool label.

1. Programme with prewash last approx. 15 minutes longer.
2. The programme duration data have been measured in the condition specified in Standard IEC 456.
3. 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.

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.

Appendix

Specifications

TYPE	FRONT LOADING WASHER		
DIMENTION	W598mm X D550mm X H844mm		
WATER PRESSURE	50 kPa ~ 800 kPa		
WEIGHT	75 kg		
WASH and SPIN CAPACITY	5.0kg (DRY LAUNDRY)		
POWER CONSUMPTION	WASHING	220 V	180 W
		240 V	180 W
	WASHING AND HEATING	220 V	2000 W
		240 V	2400 W
	SPIN	220 V	380 W
		240 V	380 W
PUMPING	34 W		
WATER VOLUME	54 l (STANDARD COURSE)		
SPIN REVOLUTION	rpm	600	
PACKAGE Wt.	PAPER	2.6Kg	
	PLASTIC	0.9Kg	
	WOOD	0Kg	

IN CASE THE NEED FOR

SERVICING ARISES

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



ELECTRONICS