



## Automatic Washing Machine



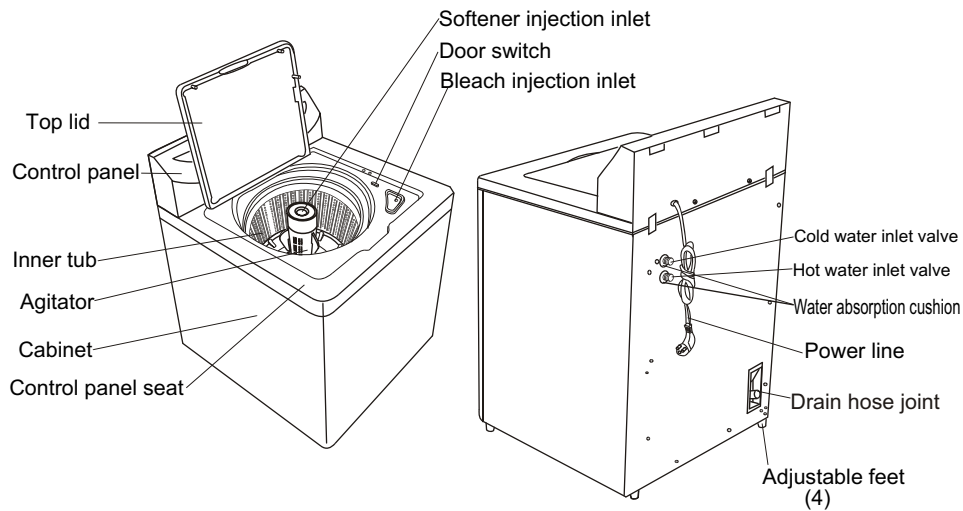
**SIG100-97**

- Please check if the power receptacle is earthed reliably before usage to guarantee your safety.
- Please read this manual carefully before use. The manufacturer is not responsible for any risks occurred owing to disobey these stipulations.
- Please retain it attentively for future reference.


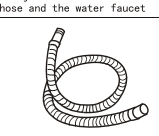


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## Names of the parts



### Accessories

<p>The side of connection between the water inlet hose and the washing machine</p> 	Water inlet hose (2)
<p>The side of connection between the jointer of the water inlet hose and the water faucet</p> 	Outer drain hose component (1)
	Drain hose hook (1)
	Drain hose clamp (1)

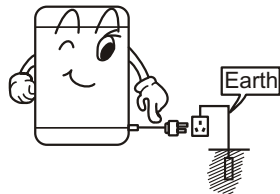
### Meaning and description of the symbols

<p>Warning sign</p> 	<p>Contents marked with that symbol are related to the safety of the product and the personal safety of the users. Please operate in strict conformity to the contents, otherwise it may cause damage of the machine or injure the personal safety of the user.</p>
<p>Forbidding sign</p> 	<p>Contents marked with that symbol are actions forbidden to perform. Performing of those actions may result in damage of the machine or injure the personal safety of the user.</p>

Please understand the shapes of the washing machine and accessories may be different from the sketch figures in this manual due to product improvement.

## Safety precautions

Please insert the power cord into special three-phase receptacle. The earthing terminal of the receptacle must be earthed reliably. If possible please adopt electric leakage protector.



The power cord plug should be convenient to be plugged in or plugged out with hand while the washing machine runs normally. Be sure to pull the plug out and close the water tap when the machine is idle, when moving the machine, or when cleaning the machine. Do not use wet hand to insert or pull out the power plug.

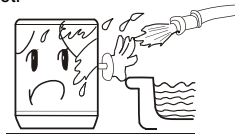


- Do not bend, extend, twist, bind by force. Do not press or nip it with weight.
- Keep the pin of the power plug clean, if the power plug is polluted with dust, please wipe with dry cloth carefully.
- If the power cord or the power plug is bad, to avoid risk it is required to have it replaced by the technicians of our special shop or the after-sale service department.



Do not put the machine at damp place like the bath room. Never wash it with water. Not put wet laundries on the control panel.

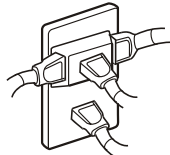
In case the washing machine is installed on ground with carpet, be careful not to block the ventilation hole with carpet.



Do not use water hotter than 60°C.



Do not let the machine share one receptacle with other electric appliances. If the power plug is damaged, or the plugging into the receptacle is loose, do not use the plug any more.



Do not wash water-proof laundries like the raincoat, bike covers etc. to avoid abnormal vibrations in spinning.

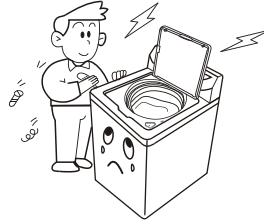


## Safety precautions

Do not stretch hands into the working machine. It is dangerous even if the rotation is slow. Take special care of the children.



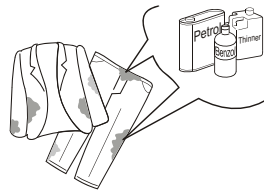
Do not decompose, repair or alter the machine by yourself.



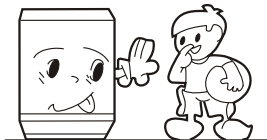
Do not put any hot or heavy items (such as the kettle with hot water) on the washing machine.



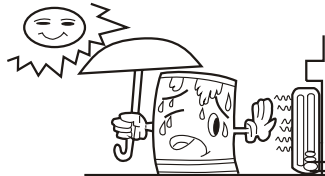
Do not wash laundries with volatile materials (such as thinner, petrol etc.)



The handicapped or children without care shall not use the machine.



Keep the machine away from direct sunlight and heat source like the heater.



- To prevent your laundries and washing machine from damage, be sure to take out all of the foreign materials from your pocket, such as coins, buttons, sand or hair pins etc.



- Before washing, please check if the water tap is open, and if the water inlet pipe is connected properly.

- It is suggested to use low-foaming washing powder

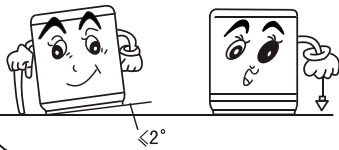
## Installation and adjustment

### Adjust the installation position

The largest allowed slope of the base of the machine is  $2^\circ$ . The slanting or rough ground will result in unstable running or stoppage of the machine. Please adjust it with following methods:

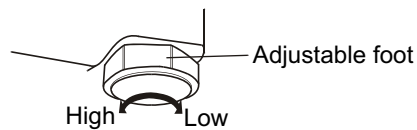
- **Confirm it's horizontal:**

Hang the lead line to confirm if it is horizontal.



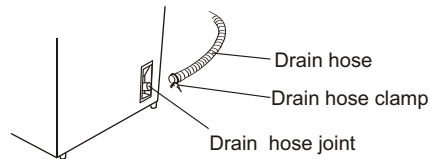
- **Adjust the adjustable foot:**

To twist the adjustable foot, please first lift up the side of the foot slightly, and twist the foot.



### Install the drain hose

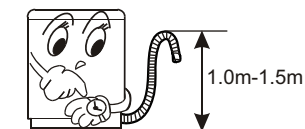
- Put the drain hose clamp on the outer drain hose, insert the outer drain hose into the joint, and then clutch tightly with drain hose clamp.



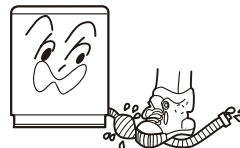
### Usage of the drain hose

The drainage shall be smooth with the drain hose.

1. put the drain hose up to suitable position.



2. Do not step on or press the drain hose.



## Install the water inlet hose

1. Respectively attach the water inlet hoses to the hot water faucet and the cold water faucet. Using pliers, tighten the coupling. ( As figure 1)

**NOTE:** Do not over tighten. Damage to the valves can result.

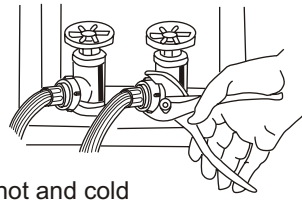


Figure 1

2. Connect the hot and cold water inlet hoses to the hot and cold water faucet.
3. Connect the other ends to their respective cold and hot water inlet valve located at the rear of the washer

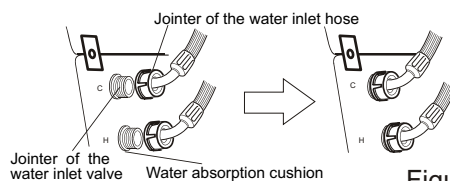


Figure 2

**Note:**

Hot water needs to be at a temperature of at least 120° F- 140° F. (49° C-60° C) for the soap to dissolve and to avoid soap residue remaining on clothes.

## Check the connection between the water inlet hose and the water tap

1. Swaying the hose gently to confirm if it is fastened stable.
2. After installation, open the tap to check if it leaks.
3. Do not bend the hose with overstrain.
4. Before each usage please check if the connection between the water inlet hose and the water tap, is firm, so as to prevent dropping from improve Installation position.



## Take down the water inlet hose

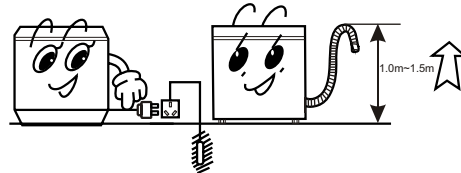
1. Close the water tap.
2. Pull off the water inlet hose from the water tap and washer

## Preparation before washing







### Preparation before washing

1. Connect the water inlet hose. Open the water faucet.
2. Confirm that the washing machine is earthed reliably. Then insert the power plug into the receptacle. The earth terminal shall not link to gas pipeline and faucet water pipeline.
3. Put the drain hose up.



### Pay attention to followings before washing the laundries

<p>Confirm if there's special requirement for the laundries.</p>	<p>Clear the pocket Take out the coins, sand, hairpins etc.</p> 	<p>Fasten the buttons and zippers.</p> 	<p>The big laundries like the jeans shall be put in loosely.</p> 	<p>When the pulsator is running, the buttons of the laundries may cause noise. For the sake of carefulness, please put the laundries with buttons into other laundries.</p> 
<p>a. Please check if the laundries are applicable for washing.            b. Separate those not colorfast from other laundries.            c. For laundries not water absorbing, please put them into water with hands.            d. For laundries with much soil, please remove the soil first. You can add detergent on the part with serious soil directly. It is much easier to remove the soil by that mean.            e. For laundries likely to get lint ball or with long fiber, please first turn the inside out before putting them into the water.            f. Do not put the laundries polluted with chemicals directly into the washing machine.</p>				



## Put in the laundries



- The capacity of washing and spinning of the machine refer to the largest weight of the standard laundries under dry condition that can be washed or spined in one time. Laundries quantity in one washing cycle shall be lower than the rated capacity. The largest capacity of this machines is 8.5kg.
- The thickness, size, type of the cloth will influence the actual washing capacity. It is suitable to put in reasonable amount of laundries and the laundries can be turned round in washing for one time washing.
- Do not select high water level for laundries less than 4.0kg, so as to avoid splashing of water.

## Usage of detergent

### How to use the washing powder

- Direct dissolved in the machine
  - 1.Fill water to "1" water level.
  - 2.Add the power. Run for 30 seconds to dissolve it completely.
  - 3.Put in the laundries. Select suitable water level.The instant dissolving of the washing powder:
  - 1. Prepare warm water of 30°C and a container.
  - 2. Add the powder while stirring to fully dissolve it.The powder is more prone to pollute the laundries than the detergent. Therefore please use it with proper quantity. It is suggested not to use high sudsing detergent.
- Different washing powders have different dosage. Please refer to the usage manual of the washing powder for the details.

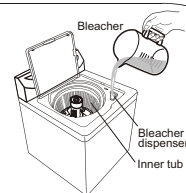


### How to use the liquid bleacher

- Procedures:**
- 1.Check clothing care labels for special instructions
  2. Measure liquid bleacher carefully, following instructions on the bottle.
  3. Before starting the washer, pour measured amount of bleach directly into bleach dispenser. Avoid splashing or over-filling dispenser.

**Note:**

- Never pour undiluted liquid chlorine bleacher directly onto clothes or into the inner tub.
- Do not pour powdered bleacher into bleach dispenser.
- Do not mix chlorine bleacher with ammonia or acids such as vinegar and/or rust remover. Mixing can produce a toxic gas which may cause death.



### How use the fabric conditioner

Fabric conditioners help make clothes softer and fluffier and reduce static so that clothes do not cling to you when you are wearing them.

**Procedure:**

1. Carefully follow the instructions on the fabric conditioner bottle or packet.
2. Mix conditioner with an equal amount of warm water but only mix enough to fill to the line marked inside the cup.
4. Pour the mixed conditioner into the cup in the top of the agitator. The conditioner will automatically be dispensed before the deep rinse cycle

**Note:**

- Do not spill the conditioner onto the clothes because it may stain them.
- Do not overfill the cup in the top of the agitator because the conditioner may mix with the detergent and stain your clothes.
- Do not stop the washing machine during the spray rinse cycle when using a fabric conditioner.



# Usage of the Operation Buttons

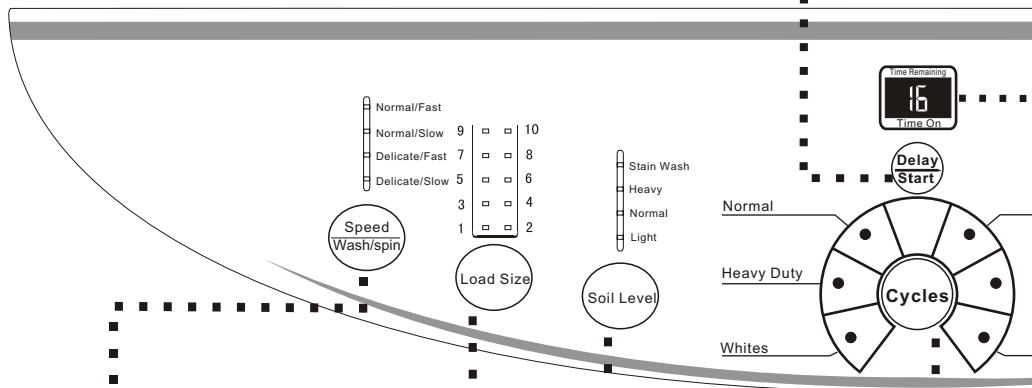
## a Explanation of Buttons

### Indicator mode and meaning

- The indicator is off, indicating that the program or mode is not selected
- The indicator is on, indicating the program or mode selected and about to run
- ⏻: Flashing : Normal running mode

### Delay/Start button

- Pushing the button to select the reserve washing time from 2 hour to 24 hour.
- During no delay, the Delay/Start indicator is off, the remaining time indicator is on, and the nixie indicator displays the non-delayed cycle remaining time.



### Speed wash/spin button

- Push the button to select the spinning speed
- Select the spinning speed when program is normal or delicate casual.

### Load Size button

- For setting, changing water level and manually replenishing water. Water levels may be set at beginning or pause.
- During Soak, Wash or Rinse, press this button to manually replenish water and release it to stop. But this function is disabled when water reaches overflow protection level.

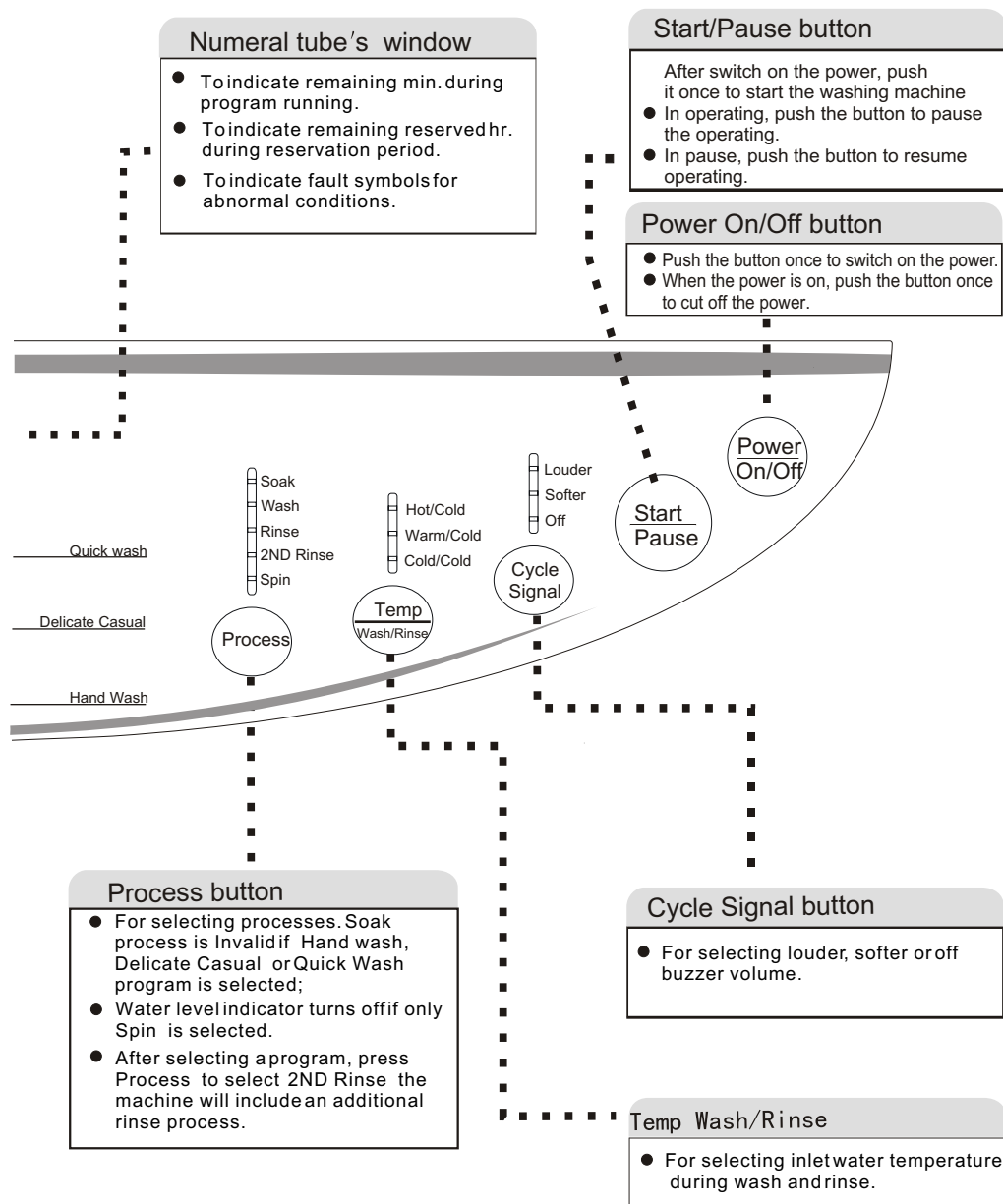
### Cycles button

Select following six automatic programs with the button

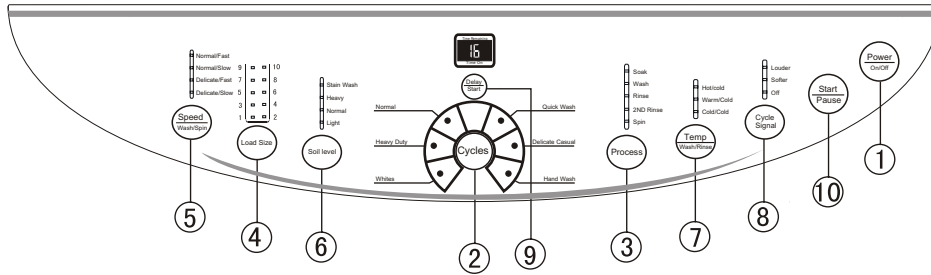
Program	Whites	Washing the cotton textile
Heavy Duty	Washing the bigger, thicker or heavier dirty laundries	
Normal	Common washing	
Quick wash	Quick washing of the light dirt laundries	
Delicate Casual	Washing the woollen textile or underwear	
Hand Wash	To imitate hand scrub washing effect	

### Soil level button

- For selecting clothes soiled degree.
- Wash cycle increases 2 minutes for a next higher soiled degree and decreases 2 minutes for a next lower soiled degree.



## b Operating procedure



### 1. Press Power On/Off to switch on the power supply



- Upon switching on the power, the computer board buzzes once and the unit enters from standby to working status, i.e. initial status (Normal program);
- 5 minutes after switching on, if Start/Pause button isn't pressed, the unit will automatically switch off and return to standby;
- The unit returns to standby immediately after completion of a program;
- Pressing Power On/Off button, all programs will stop and the unit enters standby, regardless of the computer conditions (start, pause, alarm etc.).
- The washer has intelligent wash resumption. After the power is cut off abnormally, the washer could resume working at stoppage while the power resumption.

### • Buttons initial status for Normal program

Cycle Signal	Softer
Temp Wash/Rinse	Warm/Cold
Process	Soak, Wash, Rinse, Spin
Cycles	Normal
Nixie display	Remaining min. of the present cycle
Soil level	Heavy
Load Size	6
Speed Wash/Spin	Normal/Fast

**2. Press the button of cycles to select a suitable full-automatic program.**

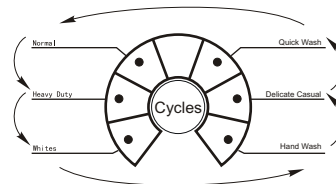


After switching on, the Normal program will be the default. If other full-automatic program is desired, you can press the button of cycles to get the corresponding indicator on. Refer to button of cycles on page 8.

Example: Use the Quick program for slightly soiled articles **Page 8**



- When Normal program is selected, the washing machine will perform full-automatically controlled fuzzy program to set water level, water flow and wash duration according to the cloth nature and weight.



**• Buttons' status for different program selected**

Cycles	Normal (with soak)	Heavy Duty	Whites	Hand Wash	Delicate Casual	Quick Wash
<b>Cycle Signal</b>	Softer	Softer	Softer	Softer	Softer	Softer
<b>Temp Wash/Rinse</b>	Warm/Cold	Warm/Cold	Hot/Cold	Cold/Cold	Warm/Cold	Warm/Cold
<b>Process</b>	Wash, Rinse, Spin					
<b>Nixil Display</b>	63	52	47	39	37	25
<b>Soil Level</b>	Heavy	Stain Wash	Heavy	Normal	Normal	Light
<b>Load Size</b>	6	6	6	6	6	4
<b>Speed</b>	Fast	—	—	—	Slow	—

**3. Press the button of Process to select suitable processes.**



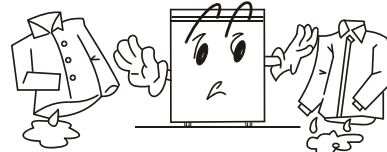
After the power is switched on, the washing machine will automatically set a normal program comprising of processes of Wash, Rinse and Spin. If other process combination is desired, press the button of Process to select one or several process of soak, wash, rinse and spin. Refer to the paragraph of processes selecting.

**Page 9**



### Note

- Spin shall begin after some time even there is no water in the tub
- Do not use soak process for woolen articles.
- Clothes prone to fade and other clothes shall be separately washed.



#### 4. Press the button of Load Size to select a suitable water level.



After switching on the power, the washing machine detects the load, and then automatically sets a water level. If other level is wanted, press the button Water level to select. Please refer to Button of 'Load Size' on page 8.

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#### 5. Press the button of Speed to select suitable wash and spin speeds



After the power is switched on, the washing machine will automatically set as Normal/Fast . If the user desires to change it, press this button to select according to Speed on page 8.

Page 8 

#### 6. Press the button of Soil to suit differently soiled clothes.



After the power is switched on, the washing machine automatically sets at Heavy , the user may judge the clothes soil degree and select with the Soil level button himself. See Soil on page 8.

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#### 7. Press the button of Temp. Wash/Rinse to select different washing temperatures.



After the power is switched on, the washing machine will automatically set at Warm/Cold . The user could also set three wash conditions of hot, warm and cold. Refer to Temp. Wash/Rinse on page 9 to select.

Page 9 

**8. Press the button of Cycle Signal , which will accordingly remind you of the cycle completion.**



After the power is switched on, the washing machine will automatically set at Softer . The user himself could also set three warning volumes Louder, Softer or Off for the completion of a cycle. Refer to Cycle Signal on page 9 to select.



**9 Press the button of Delay/Start to select a suitable reserve wash program**



After switching on, the washing machine reserved wash program will be automatically set inactive. If you desire a wash cycle to end at a reserved time, you can press the Delay/Start button to set a reserved wash program. Refer to The button of 'Delay/Start' on page 8.



• **Confirming a reserved program**

- When delay starts, program selected indicator turns off, while the delay Indicator and remaining time turn on. During reservation period, pressing Delay/Start button could get reservation conditions displayed.



The wash cycle will end after 18 hrs

**10. Press the Start/Pause button**

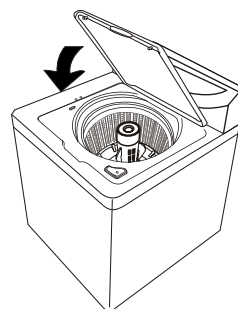


- Press this button when you want the machine to start running.
- During machine running, press this button to pause and press once again to resume operation.



## Close the top lid

If you open the top lid, the machine will stop working except for water filling and draining water



## Finish Washing



After Finishing wash alarm automatically

The power will be switched off automatically after the finishing of the washing.



## After washing

- After using, please clean the lint and foreign materials of the lint filter etc. in time. Otherwise it may influence your using the machine.
- Please first pull off the power plug from the receptacle before cleaning.

### Cleaning the lint filter

- The lint filter must be used during washing.
- It must be cleaned in time after each using

#### 1. Take off the lint filter

Pull up the lint filter on the agitator to remove. As shown in Figure 1.

#### 2. Removing lint

Press the lint screen clip with your thumb and index finger, and get the screen downward as shown in Figure 2. While wet, remove the lint on the screen in water.

#### 3. Mounting the lint filter

After cleaning, mount the screen back onto the lint filter as shown in Figure 3. Then put the lint filter back in the agitator barrel.

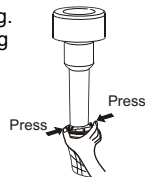


Figure 2

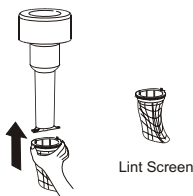


Figure 3

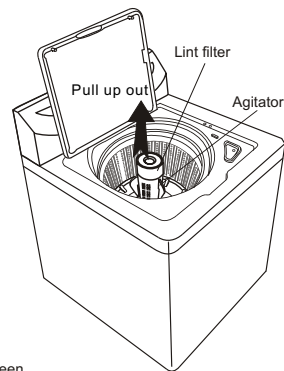


Figure 1

The filter screen of the water inlet valve is likely to be blocked by foreign materials and influence the water inlet. Please clean it with brush every two months.



If the cabinet is dirty, wipe it with wet cloth

- Do not flush it directly with water.
- Wipe it with neutral detergent.
- Do not wipe it with thinner, petrol, alcohol etc.



1. After washing, close the water faucet. ( If needed, you can dismantle the water inlet hose).
2. Do not store water in the washing machine for a long period. Drain the water completely after each using.
3. Be sure to pull off the power plug before maintenance.
4. Hang up the power cord and drain hose.
5. Wipe off the water drops on the surface of the machine and inside the tub. Open the top lid for some time (about 1 hour), then close the top lid.

## Trouble shooting answer to question

(If there's breakdown, please pull off the power plug before checking) The following phenomena are not breakdowns sometimes. Please confirm again before sending it to repair. If there are real breakdowns, please come to the special maintenance department or after-sale service department of our company. Do not repair it by yourself.

Phenomena	The reason	How to settle
After the "reserve" is started, it rings and the digital tube displays "E0"	<ul style="list-style-type: none"> <li>● The top lid is not closed</li> </ul>	<ul style="list-style-type: none"> <li>● Close the top lid</li> </ul>
The draining does not work, or the speed of draining is too slow. The digital tube displays "E1" and it rings.	<ul style="list-style-type: none"> <li>● Is the drain hose blocked by foreign material?</li> </ul>	<ul style="list-style-type: none"> <li>● Clean the foreign material. Open and close the top lid once.</li> </ul>
It stops running during wash, rinse or spin. The digital tube displays "E2" and it rings.	<ul style="list-style-type: none"> <li>● The top lid is not closed</li> </ul>	<ul style="list-style-type: none"> <li>● Close the top lid</li> </ul>
It does not do water inlet or the speed is slow (the water level is not reached after 15 minutes). The digital tube displays "E4" and it rings.	<ul style="list-style-type: none"> <li>● Is the water faucet open or is there water supply failure?</li> <li>● Is the water inlet valve is blocked</li> </ul>	<ul style="list-style-type: none"> <li>● Open the water faucet. Open and close the top lid once.</li> <li>● Clean the water inlet valve. Open and close the top lid once.</li> </ul>
The machine does not act. (the indicators are off.)	<ul style="list-style-type: none"> <li>● Is there power failure?</li> <li>● Is the power plug loose?</li> </ul>	<ul style="list-style-type: none"> <li>● Use it when the power is on.</li> <li>● Insert the power plug tightly.</li> </ul>
There's abnormal sound inside the machine.	<ul style="list-style-type: none"> <li>● Is the machine slanting?</li> <li>● Is there metal material inside the washing machine?</li> <li>● Are the laundries slanting in spinning?</li> </ul>	<ul style="list-style-type: none"> <li>● Level the machine properly.</li> <li>● Fasten the buttons and zipper</li> <li>● Re-order the laundries. Close the top lid.</li> </ul>
The water faucet leaks.	<ul style="list-style-type: none"> <li>● Is the jointer of the water inlet hose is loose or twisted awry?</li> </ul>	<ul style="list-style-type: none"> <li>● Fasten the jointer properly.</li> </ul>
No water filling	<ul style="list-style-type: none"> <li>● If plug is inserted firmly?</li> <li>● If tap is turned on?</li> <li>● If Power On/Off and Start/Pause is pressed?</li> </ul>	<ul style="list-style-type: none"> <li>● Insert the plug firmly</li> <li>● Turn on the tap</li> <li>● Press Power On/Off and Start/Pause</li> </ul>
The numeral tube shows "F2"	<ul style="list-style-type: none"> <li>● Overflow alarm</li> </ul>	<ul style="list-style-type: none"> <li>● Please contact the after-sales service department.</li> </ul>

### Normal phenomena

Phenomena	Causes (explanations)
<ul style="list-style-type: none"> <li>● Intermittent spin after spin starts</li> </ul>	<ul style="list-style-type: none"> <li>● Adjust balance to avoid clothes offset</li> </ul>
<ul style="list-style-type: none"> <li>● Spin is selected, yet the machine doesn't spin</li> </ul>	<ul style="list-style-type: none"> <li>● The program sets a drain time, spin starts after a time.</li> </ul>
<ul style="list-style-type: none"> <li>● While water filling in wash and rinse, the pulsator pauses rotation</li> </ul>	<ul style="list-style-type: none"> <li>● To prevent splash during water filling.</li> </ul>
<ul style="list-style-type: none"> <li>● Small amount of water flows out upon the washing machine is initially used</li> </ul>	<ul style="list-style-type: none"> <li>● This is residual water during factory performance test.</li> </ul>
<ul style="list-style-type: none"> <li>● The machine stops when top cover is opened during running.</li> </ul>	<ul style="list-style-type: none"> <li>● This is a normal fact. Due to the drum rotation, an open cover alarm function is provided for safety.</li> </ul>



## Packing list

Name	Quantity
● User's manual	● 1
● Warranty Card	● 1
● Drain hose	● 1
● Drain hose hook	● 1
● Water inlet hose	● 2
● Drain hose clamp	● 1
● Automatic washing machine	● 1



## Specification

Model	SIG100-97
Rated voltage • frequency	220-240V~ • 50Hz
Rated washing / spinning capacity	8.5kg (weight of standard dry cloth)
Water level/Water quantity (about)	1/16L, 2/24L, 3/32L, 4/40L, 5/48L,6/56L, 7/60L, 8/72L, 9/80L, 10/90L
Max water consumption	About 180L(High water level; Normal program)
Injection pressure	0.03MPa-1.0MPa
Rated washing power	525W
Rated spinning power	380W
Weight(about)	75kg
Dimension	L 686 mm W 686 mm H 1080mm

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