

Washing Machine

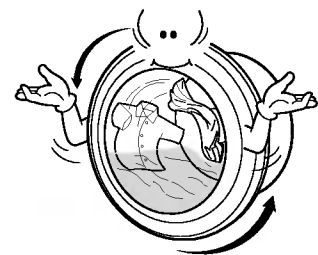
OWNER'S MANUAL

MODEL : WD-1021W



Thank you for purchasing LG Fully Automatic Washer.
Please read this manual carefully before operating your
washing machine. It provides instructions on safe installation,
use and maintenance.
Retain it for future reference.
Record model number and serial number of washing machine.





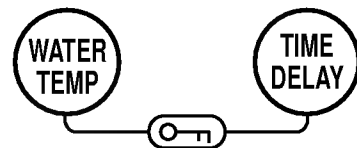
Protection against wrinkles

With the alternate rotation of the drum, the wrinkling in the laundry is minimized.



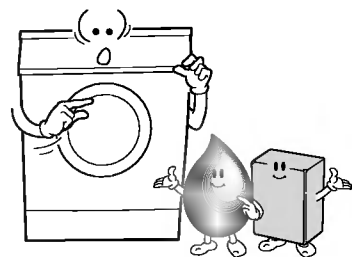
Powerful shower rinse

Sprays water directly in to the centre of drum to remove any remaining detergent from the laundry with a small amount of water.



Child-Lock

The Child-Lock system has been developed to prevent children from pressing any button to change the programme during operation.



Low noise speed control system

By sensing the load and balance, load is adjusted to minimize the spinning noise level.



Preferred temperature selection

There are 4 temperature selections between cold and 95 degree Celsius.

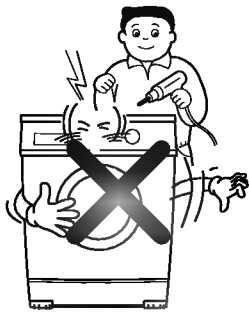


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❑ Switch off the appliance and turn off the tap when it is not in use.

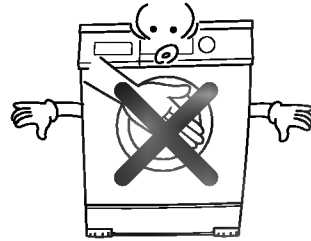
§ Electric shock

- Do not take any washer to pieces. It may cause an electric shock.



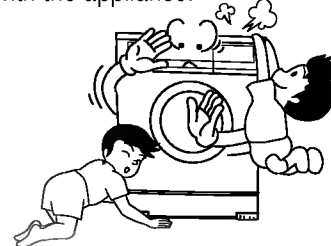
§ High temperature

- Do not touch the door during the high temperature washing. It may cause a burn.



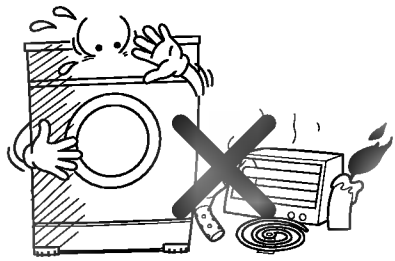
§ Children's Safety

- The appliance is not intended for use by young children or infirm persons without supervision.
- Young children should be supervised to ensure that they do not play with the appliance.



§ Heat

- Avoid electric heaters, candles, etc. near the machine. It may ignite or deform machine.



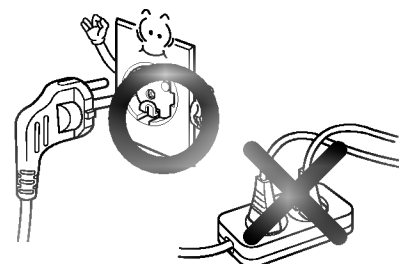
§ On control panel

- Don't sprinkle water. It may cause a fire or electric shock.



§ Electric outlet

- Use the exclusive AC 220-240V outlet with ground terminal.
- Do not use an extension cord or double adapter.



§ Volatile material

- Do not wash with volatile material such as benzene, and do not place it in the washer.



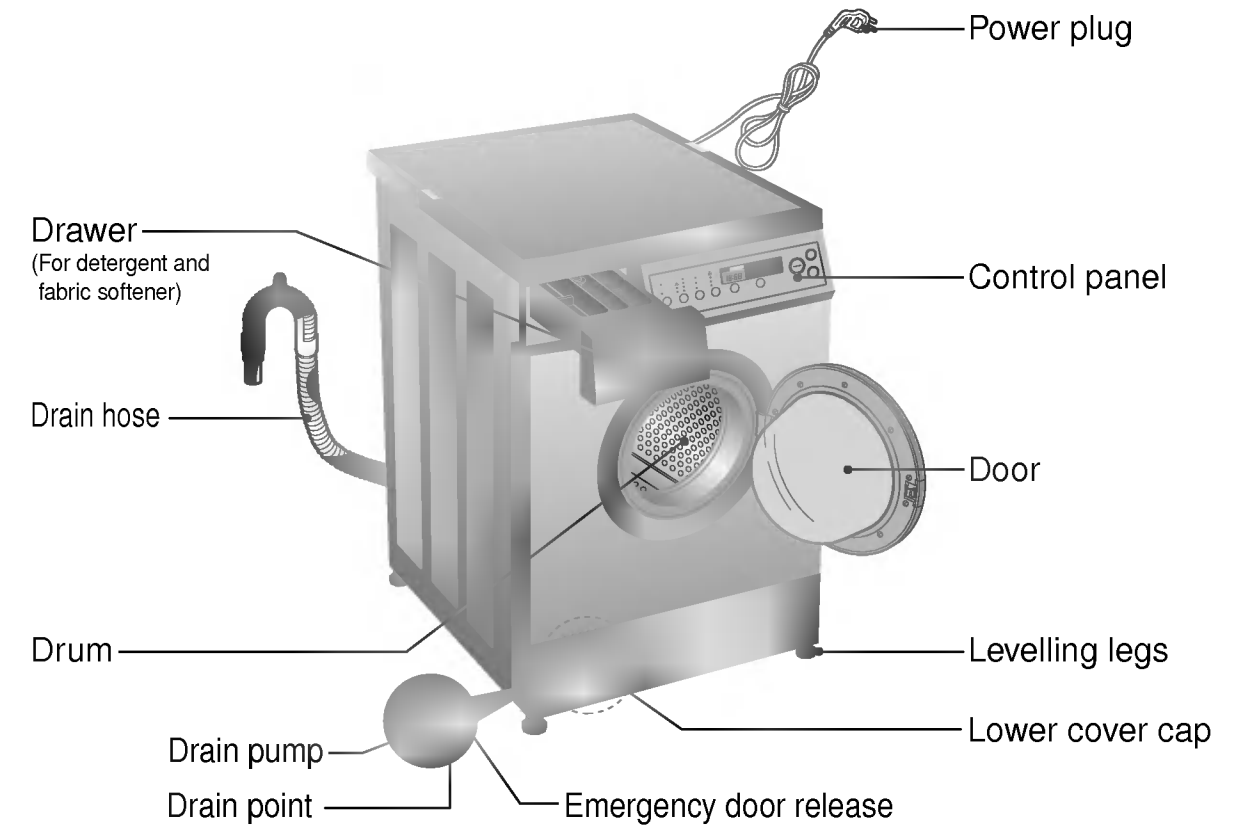
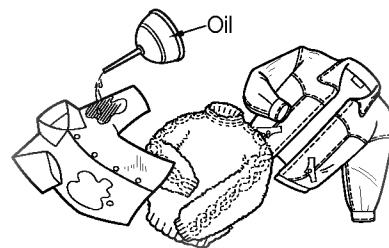
§ Abnormal use

- Use only laundry for washing.



§ Not permitted laundry

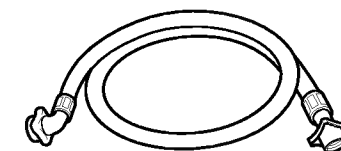
- Do not wash laundry stained with edible oil, machine oil, dry-cleaning oil, etc. It may cause a fire.



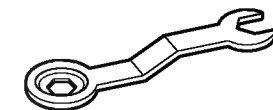
■ Name	: Front loading washing machine
■ Power supply	: 220 - 240V/50Hz
■ Size	: 600mm(W) × 600mm(D) × 850mm(H)
■ Weight	: 70kg
■ Wash capacity	: 7.0kg
■ Cold only	: 190W
■ Heating	: 2200W
■ Wash speed	: 50rpm
■ Spin speed	: 650 / 800 / 1000 rpm
■ Wash consumption	: 79 ℓ (11.3 ℓ/kg)
■ Permissible water pressure	: 0.3-10kgf/cm ² (30-1000kPa)

* The appearance and specifications may be varied without notice to raise the units quality.

§ Accessories



Inlet hose (1EA)

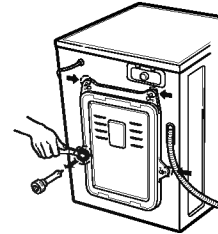


Spanner

■ Removing the transit bolts

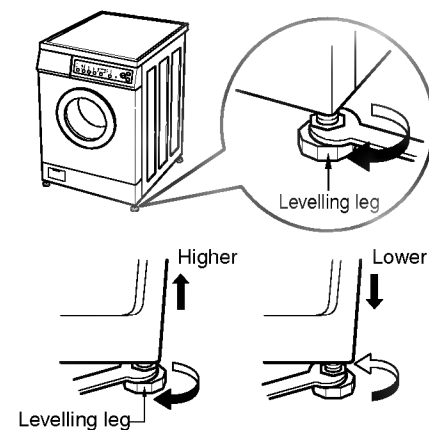
- To protect the washer during transportation, the special 4 bolts are locked. Before operating the washer, remove the bolts. (If they are not removed, it may cause heavy vibration, noise and malfunction)

1. Locate the 4 bolts that secures the washer.
2. Unscrew the 4 bolts with a spanner provided.
3. Take out the 4 bolts.



- Keep the transit bolts and spanner for future use.

■ Level adjustment • If the washer is not installed levelled, it could cause noise or vibration.



1. Select a place for installation

- Place it at a hard and even floor.
- Place it more than 2cm away from the wall.

2. Check the gap

- Ensure all feet are firmly on the floor.

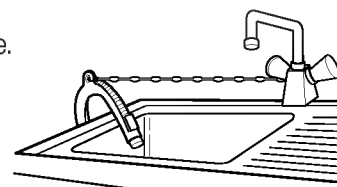
3. After adjusting the level, check it by shaking the washer. Readjust the level if necessary.

■ Electrical connection

- Do not use an extension cord or double adapter.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agents or similarly qualified person in order to avoid a hazard.
- Always unplug the machine and turn off the water supply after using.
- Connect the machine to an earthed socket in accordance with current wiring regulations.
- If the appliance is supplied from a cord extension set or electrical portable outlet device the cord, extension set or electrical portable outlet device should be positioned so it is not subject to splashing or ingress of moisture.
- If a stationary appliance is provided with a supply cord and a plug, the instructions shall state that the appliance must be positioned so that plug is accessible.

■ Water drain

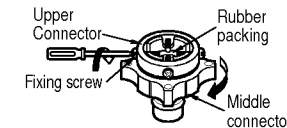
- Hooked over the edge of a sink using the plastic hose hanger supplied with the machine.
- Make sure there are no kinks in the hose and that it is not crushed. Secure the hose so that it can not be dislodged while the appliance is running.
- The drain hose should not be placed higher than 85cm above the floor.



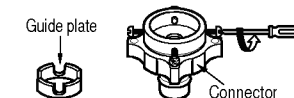
■ Connecting the inlet hose (How to connect the hose of one touch type.)

- How to connect the hose of one touch type.

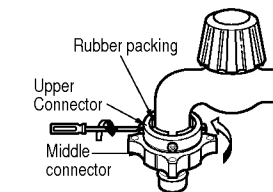
1. Untighten the upper connector screw.



- In case the diameter of the faucet is large remove the guide plate.

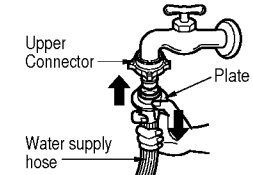


2. Push the upper connector up till the rubber packing is in tight contact with the faucet. Then tighten the 4 screws.



- Turn the middle connector not to have water leaked.

3. Connect the water supply hose to the middle connector, pushing the plate down.



- To separate the water supply hose from the middle connector cut off the faucet. Then pull the inlet hose down, pushing the plate down.

Used the horizontal faucet

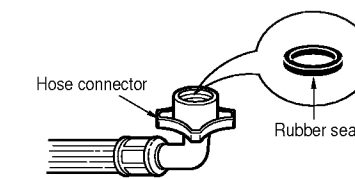
Horizontal faucet



Extension faucet



Square faucet

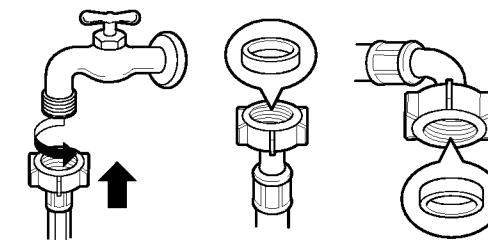
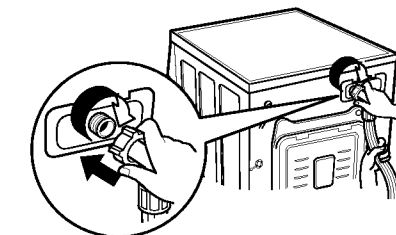


- Make sure that the rubber seal is inside the hose connector.

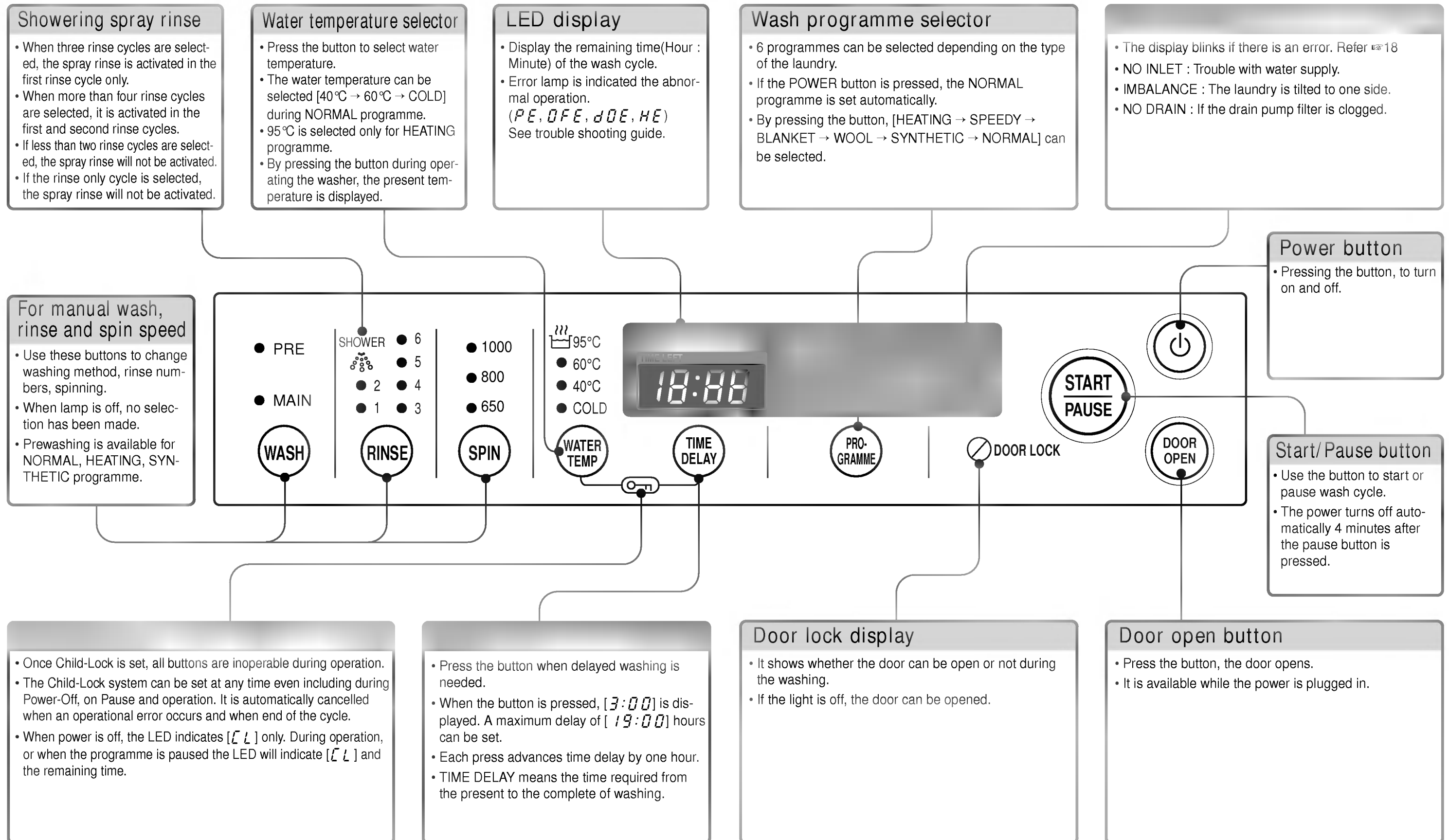


- Your machine comes with only cold water connection.
- Make sure that there are no kinks in the hose and that it is not crushed.

■ Connecting the inlet hose (How to connect the hose of screw type.)



- Two rings are supplied with the water inlet hose in the valve connector in order to prevent water leaks.
- Your machine comes with only cold water connection. Connect to cold water using the inlet valve.
- Check water tightness of washing machine connections by turning the tap completely on.
- Periodically check the condition of the hose and replace the hose if necessary.
- Make sure that there are no kinks in the hose and that it is not crushed.



❑ The whole washing process is carried out automatically with just one touch.

❑ Prepare the washing.

- Make sure that the machine is plugged in the electricity supply.
- Turn on the cold water tap.
- Press the DOOR OPEN button.
- Load the laundry and close the door.
- Put the detergent and fabric softener into drawer.

1. Press the POWER button

- The NORMAL programme is carried out automatically.

2. Select the required programme by pressing the programme selector button.

- [HEATING → SPEEDY → BLANKET → WOOL → SYNTHETIC → NORMAL] will appear in order by pressing the PROGRAMME button.
- The time required can be changed by the laundry amount, water supply, drain and temperature.

PRO-GRAMME		Select the function to change rinse, spin and water temperature. () indicates manual operations.				Washing time
		WASH	RINSE	SPIN	WATER TEMP	
HEATING	First check if the laundry is machine washable. White cottons and linen(towels, sheets...)	Main wash (Pre + Main)	3 times	800 (650, 1000)	95°C	about 2 hours & 20 minutes
SPEEDY	For quick washing of less dirty laundry or frequently used towels.	Main wash	2 times	650 (800, 1000)	Cold (40°C)	about 43 minutes
BLANKET (Below 2.5kg)	Water washable small blanket or tablecloth	Main wash	3 times	650	Cold (40°C)	about one hour & 9 minutes
WOOL (Below 2kg)	Delicate laundry easily shaped or damaged (Only machine washable woollens with pure new wool label.)	Main wash	2 times	650	Cold (40°C)	about 45 minutes
SYNTHETIC	Polyamide, Acrylic, Polyester	Main wash (Pre + Main)	3 times	800 (650, 1000)	40°C (Cold, 60°C)	about one hour & 46 minutes
NORMAL	Wash normal clothes except for a blanket, woollen clothes, lingerie	Main wash (Pre + Main)	3 times	800 (650, 1000)	40°C (Cold, 60°C)	about one hour & 46 minutes

- Rinse is available up to 6 times regardless of Programme.
- PRE-WASH : The prewash can be used with programmes for NORMAL , HEATING, SYNTHETIC. Use the prewash function only for a heavily soiled.
- MAIN-WASH : We recommend using this programme only for slightly soiled laundry items.

3. Press the START/PAUSE button to start the cycle.

- The optimum washing is carried out by detecting the amount of the laundry.



Completion of washing

- If the washing is completed, the display shows [E n d] with a beep. Press the DOOR OPEN button and take out the laundry.
- Switch off the appliance and turn off the tap.

❑ To change settings.

If you want to deactivate Child-Lock during wash cycle, press both WATER TEMP. and TIME DELAY buttons simultaneously.

- Child-Lock (If you want to lock all the buttons to prevent all the setting from a child, you can use this lock option)

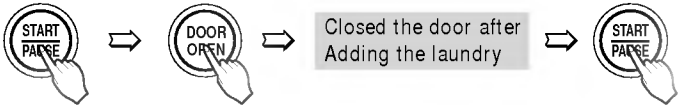
If you want to change the programme when the Child-Lock is on,

1. Press both WATER TEMP. and TIME DELAY buttons.
2. Press the STRAT/PAUSE button.
3. Change the desired programme and press the START/PAUSE button.



- * The Child-Lock system can be programmed and cancelled by pressing both WATER TEMP. and TIME DELAY buttons simultaneously.

- DOOR LOCK → If the light turns off, the door can be open by pressing the DOOR OPEN button, additional laundry can be put in during the washing. In other words, it shows whether the door can be open or not.
- In case of adding laundry (when the DOOR LOCK is off).



- DOOR LOCK → If the light is on, select spin cycle to drain water and press the START/PAUSE button and then DOOR OPEN button to open the door.

❑ Prepare the laundry



- Never wash whites and coloured together.
- Check pocket for any articles (coin, safety pin, clips, etc.)
- Follow the wash code symbols on each garment label and manufacturer's washing instructions.
- Sort the laundry as follows : white, colours, synthetics, delicates, woollens.

Soiled condition	Washing	Temperature
Heavy soiled	-Pre-wash -Main-wash	Heavily soiled cottons : cold - 95°C
		Normally soiled cottons : cold - 95°C
		Coloured cottons : cold - 60°C
Normal soiled	-Main wash	Synthetics : cold - 60°C
		Delicate fabrics : cold - 40°C
		Woollens : cold - 40°C

Note: In Blanket Programme

Blanket:

- Blankets made of 100% synthetic fiber with hand washing marks can be washed using this programme.
- Kinds:
 - Acrylic blanket: 100% acryl(nylon coating)
 - Mixed fabric blanket: cotton+polyester
 - Wool blanket: carded wool blanket
- Weight: Less than 2.5kg for a sheet

Quilt:

- the following quilts with hand washing marks can be washed.
- Fillings: 100% polyester
- Weight: about 2kg(weight of the whole quilt: less than 2.5kg)
- Size: smaller than 167cm × 126cm

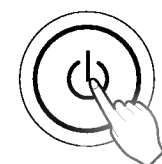
CAUTION : Never wash carpet in the washer.(It may damage the washing and the carpet.)

❑ An additional wash, rinse or spin cycle can be selected after the wash programme is completed.

1. Prepare washing



- Open the door by pressing the DOOR OPEN button and close the door after putting in the laundry.



- Press the POWER button.
- The NORMAL programme is set.



- The programme is not carried out if the light turns off.
- Pre-wash is available during only, the NORMAL/HEATING/ SYNTHETIC programmes.
- If the 'rinse only' cycle is selected, the show rinse will not be activated.
- When selecting 'rinse only', water temperature is fixed to cold water.

2. Select the PROGRAMME



- Select the programme by pressing the PROGRAMME button.

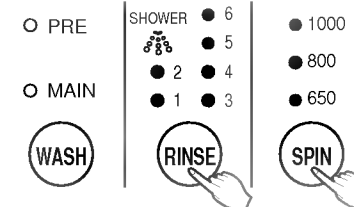


- Select the water temperature by pressing the WATER TEMP. button.

3. Select the manual

■ Washing only

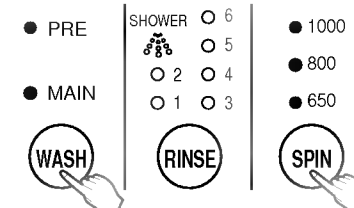
- Put in the detergent



- Press the WASH button to select the washing method.
- Press the RINSE button until light turns off.
- Press the SPIN button until light turns off.

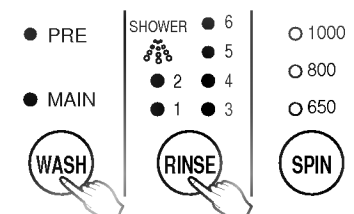
■ Rinsing only

- Put in the fabric softener.



- Press the RINSE button to select the numbers of rinse cycles.
- Press the WASH button until light turns off.
- Press the SPIN button until light turns off.

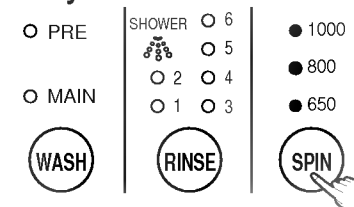
■ Spinning only



- Press the SPIN button to select the spin speed.
- Press the WASH button until light turns off.
- Press the RINSE button until light turns off.

■ Washing & rinsing only

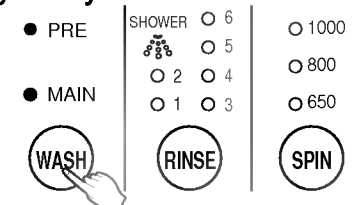
- Put in the detergent and fabric softener.



- Press the WASH button to select the washing method.
- Press the RINSE button to select the numbers of rinse cycles.
- Press the SPIN button until light turns off.

■ Rinsing & spinning only

- Put in the fabric softener.



- Press the RINSE button to select the numbers of rinse cycles.
- Press the SPIN button to select the spin speed.
- Press the WASH button until light turns off.

4. Press the START/ PAUSE button

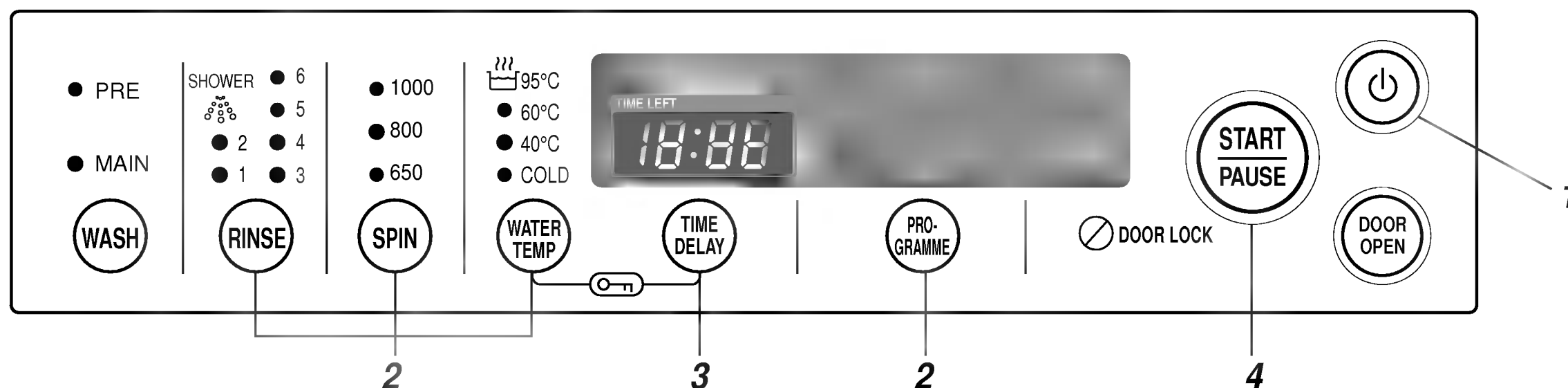


Completion washing

- If the washing is completed, the display shows [END] with a beep.



- Press the DOOR OPEN button and take out the laundry.
- Switch off the appliance and turn off the tap.



§ Time delay setting

Example) If you want to completed after washing 5 hours, press the TIME DELAY button and adjust the time.



If the TIME DELAY button is pressed, [3:00] is displayed



Press the TIME DELAY button twice and set the time to [5:00]



• Minimal 3 Hours delay



• The washing is completed after 5 hours



- Time delay is possible between 3 to 19 hours and not possible under 3 hours.
- Time delay does not proceed during the power failure
- According to the condition of water supply and temperature, the delayed time and actual washing time can be slightly different.
- The POWER button can be pressed to cancel the TIME DELAY.
- Pressing the button once will increase the time delay by one hour. If the button is pressed continuously, the time increases automatically.
- Set the TIME DELAY and press the START/PAUSE button, the TIME DELAY display and the remaining time display stays on but other control panel is off.

□ Prepare the washing.

- Press the DOOR OPEN button.
- Put in the laundry and close the door.
- Place the detergent and fabric softener in the drawer.

1. Press the POWER button

- The NORMAL programme is set automatically.

2. Press the PROGRAMME button to select the programme you require.

- Select the rinse, spin and the water temperature.

3. Press the TIME DELAY button

- Select the finish time you require by pressing the TIME DELAY button.

4. Press the START/PAUSE button

- All lights except the time delay and the remaining time are off.



The washing is completed at the selected time.

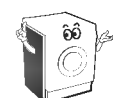
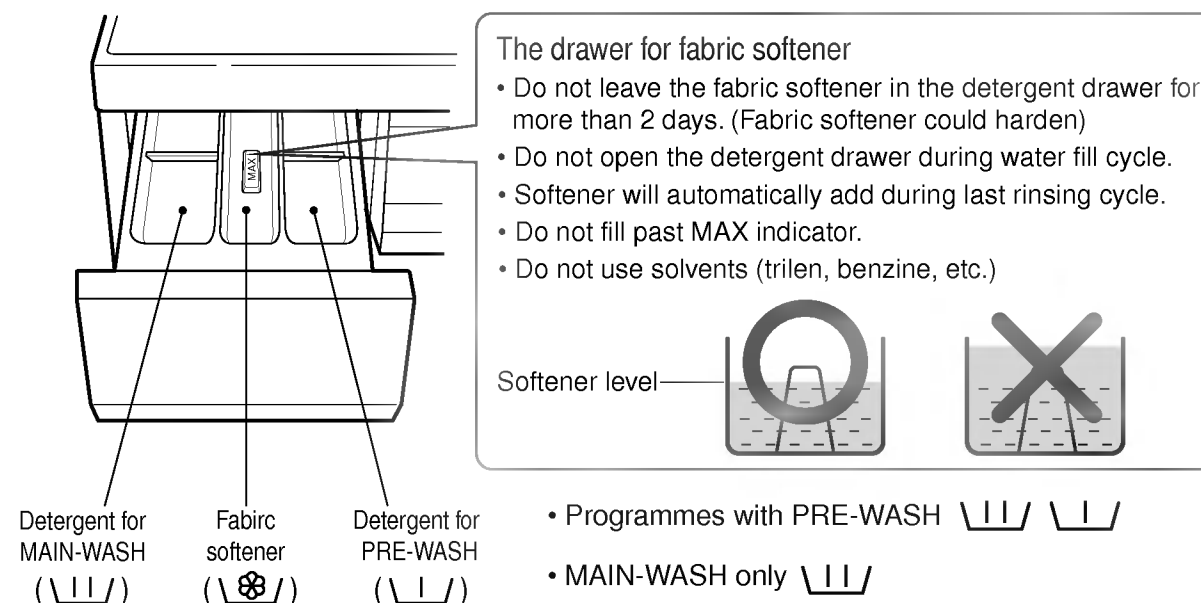
- Switch off the appliance and turn off the tap.

The washing programme for when you go out

If you are unable to unload the washing machine at the end of the delay cycle, it is best not to select the spin cycle.

■ Adding detergent and fabirc softener

- Pull out the detergent drawer.
- Put the detergent and fabric softener in the detergent drawer before washing.
- Close the detergent drawer completely.



- The detergent should be used according to the instruction of the detergent manufacturer.
- If the detergent is used over the recommended amount too many bubbles will be generated thus causing an inferior washing result. This will also cause a malfunction.
- Use front loader detergent only for drum washing machine.

Detergent dosages

Do not exceed manufacturer's recommended dosages as shown on the detergent package.

The amounts depend on

- degree and type of soiling
- size of wash
- full-load : according to manufacturer's instructions
- part-load : 3/4 of the normal amount
- minimum load (about 1kg) : 1/2 the amount used for full load
- water hardness in your area.

Choosing the right detergent

The type of detergent depends on

- the type of fabric (cotton, synthetic, delicate items, wool)
- colour
- wash temperature
- degree and type of soiling

Note : For wool only use appropriate detergents.

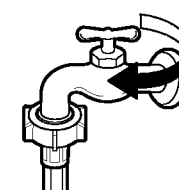
❑ Remove the power plug prior to maintaining.

❑ Clean the filter periodically every 3 months.

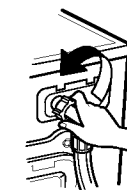
■ Clean the filter in the inlet valve

- If no water flows through detergent drawer or filter and is clogged with foreign material, "NO INLET" is displayed on the LED.
- Remove the water from inlet hose completely before cleaning the filter.

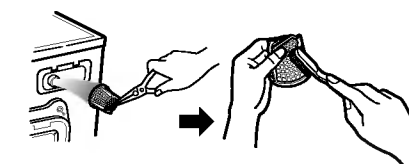
1. Turn off the water taps.



2. Disconnect the inlet hose



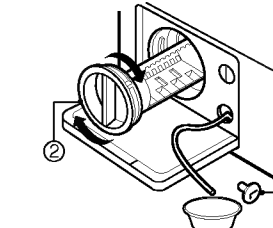
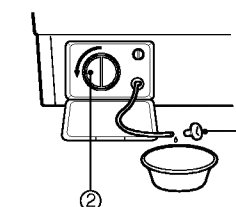
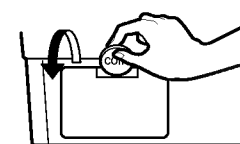
3. Remove the filter with a tool or by hand and take out foreign material using a toothbrush.



• Insert it in original place.

■ Cleaning the drain pump

- If noise occurs or not the water is draining completed due to foreign material in the pump, "NO DRAIN" is displayed on the LED.



1. Open the filter cover by using coin.

2. Take out the drain point (①), then the water flows out. If the water does not flow any more, turn the drain pump(②) to the left until it is open.

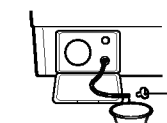
3. Take out any foreign material from the drain pump(②). After cleaning, turn the drain pump(②) clockwise and insert the drain point (①) to the original place.

• Close the Lower cover cap.

■ To prevent being frozen in winter

1. Turn off the water tap and remove the inlet hose.

2. Remove the water from the drain point (①).

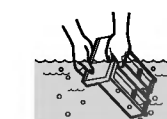


■ Maintenance of detergent drawer

1. Pull out the detergent drawer.

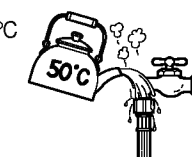
2. Clean it in the water.

3. Insert it in its original place.

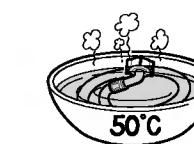


■ When the machine is frozen

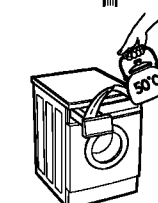
1. Remove the inlet hose by pouring 50°C hot water around the water tap.



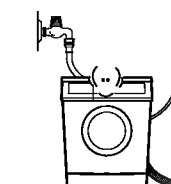
2. Soak it in the 50°C hot water.



3. Pour the hot water in the drawer and maintain it for 10 minutes for melting.


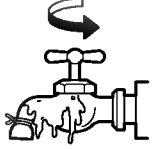


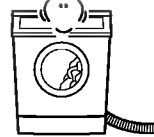
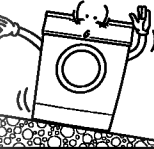

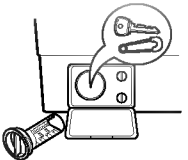
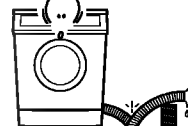
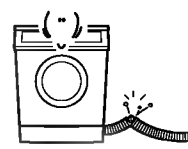

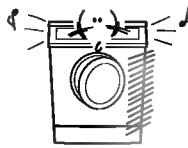



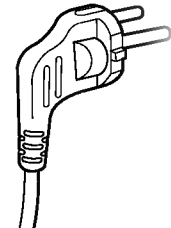

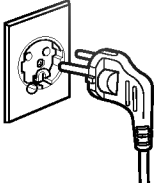
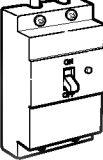

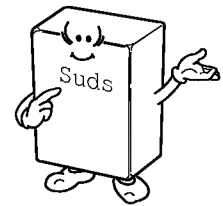
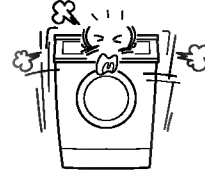
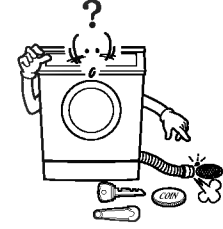


4. Connect the inlet hose to the water tap and check the drain after turning on the water tap and operating the washing machine.



Trouble - Shooting guide

❑ Check the following before asking for service if the error message is displayed during washing, rinsing and spinning.

Symptom	Check points	Solution
	 <ul style="list-style-type: none"> Is the water tap turned off ? Is the water frozen?  <ul style="list-style-type: none"> Is the water pressure low or the filter clogged ? 	<ul style="list-style-type: none"> Turn on the water tap. Melt it with 50°C hot water. Refer 17 Separate the filter and remove the foreign material. Refer 17
	 <ul style="list-style-type: none"> Is the laundry tilted to one side in the drum?  <ul style="list-style-type: none"> Is the washer leveled ? 	<ul style="list-style-type: none"> Spread the laundry evenly. Install it on a flat surface.
	 <ul style="list-style-type: none"> Is there foreign material in the drain pump ?  <ul style="list-style-type: none"> Is the drain hose bent or higher than 85cm above the floor. Is the hose clogged ?  <ul style="list-style-type: none"> Is the hose frozen ? 	<ul style="list-style-type: none"> Remove foreign material. Refer 17 Put the drain hose evenly. Place the drain hose under 85cm from the floor. Melt it with 50°C hot water. Refer 17
Door is faulty 	 <ul style="list-style-type: none"> Is the door open. 	<ul style="list-style-type: none"> Close the door. * If [DOE] is not released, call the service center.
Water is not heating 	<ul style="list-style-type: none"> Take out the power plug. Call the service center or agent. 	

Symptom	Check points	Solution
The machine does not start up. 	 <ul style="list-style-type: none"> Did you press the POWER button  <ul style="list-style-type: none"> Is the power plug unplugged?  <ul style="list-style-type: none"> Is the short-circuit breaker turned off? 	<ul style="list-style-type: none"> Turn it on Plug it in Turn it on.
Excessive suds 	 <ul style="list-style-type: none"> Did you put more detergent than recommended? Did you put low sud detergent on the front loading washing machine. 	<ul style="list-style-type: none"> Put the recommended amount Use detergent only for front loading washing machines.
Excessive vibration and noise 	 <ul style="list-style-type: none"> Did you remove the transit bolts? Is the washer leveled? Is the drain pump clogged with foreign material? 	<ul style="list-style-type: none"> Remove it. Place it at a even floor. Remove foreign material from the drain pump. Refer 17
 If the water overfills due to abnormal water taps, you will get [DOF] display.	<ul style="list-style-type: none"> Close the water tap. Take out the power plug . Call the service center. 	
 [PE] is displayed if water level sensor malfunction.		