

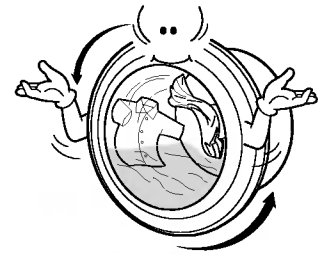
Washing Machine

OWNER'S MANUAL

MODEL : WD-1021WH



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



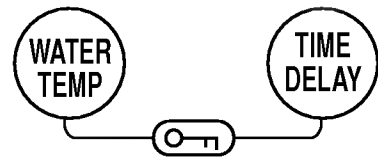
Protection against wrinkles

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



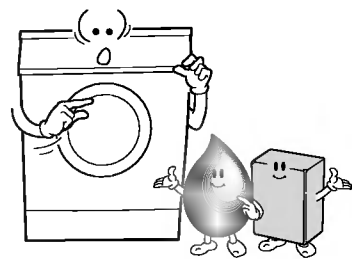
Powerful shower rinse

Powerful shower rinse removes any excess detergent from the laundry whilst using only a small amount of water.



Child-Lock

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



Low noise control

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



Preferred temperature selection

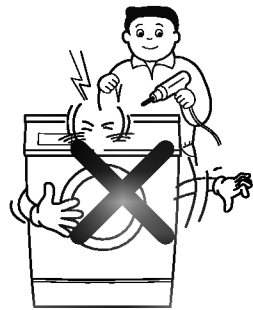
There are 4 temperature selections between cold and 95 degree Celsius.

- Safety precaution..... 4
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- Installation 6
- Adding detergent 7
- Control panel 8
- How to use your washing machine 10
- Manual operations 12
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- Maintaining the washer.....14
- Trouble-shooting guide 16

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

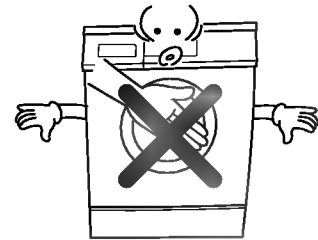
§ Electric shock

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



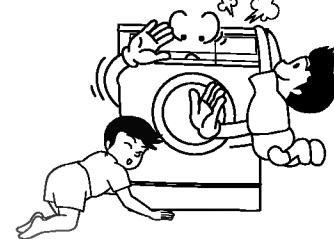
§ High temperature

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



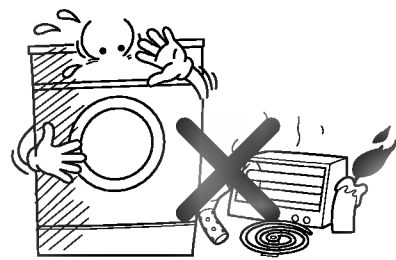
§ Children's Safety

- 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.



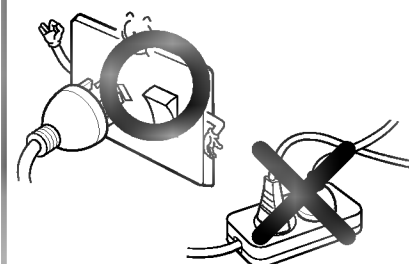
§ On control panel

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



§ Electric outlet

- Use the exclusive AC 230-240V 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.



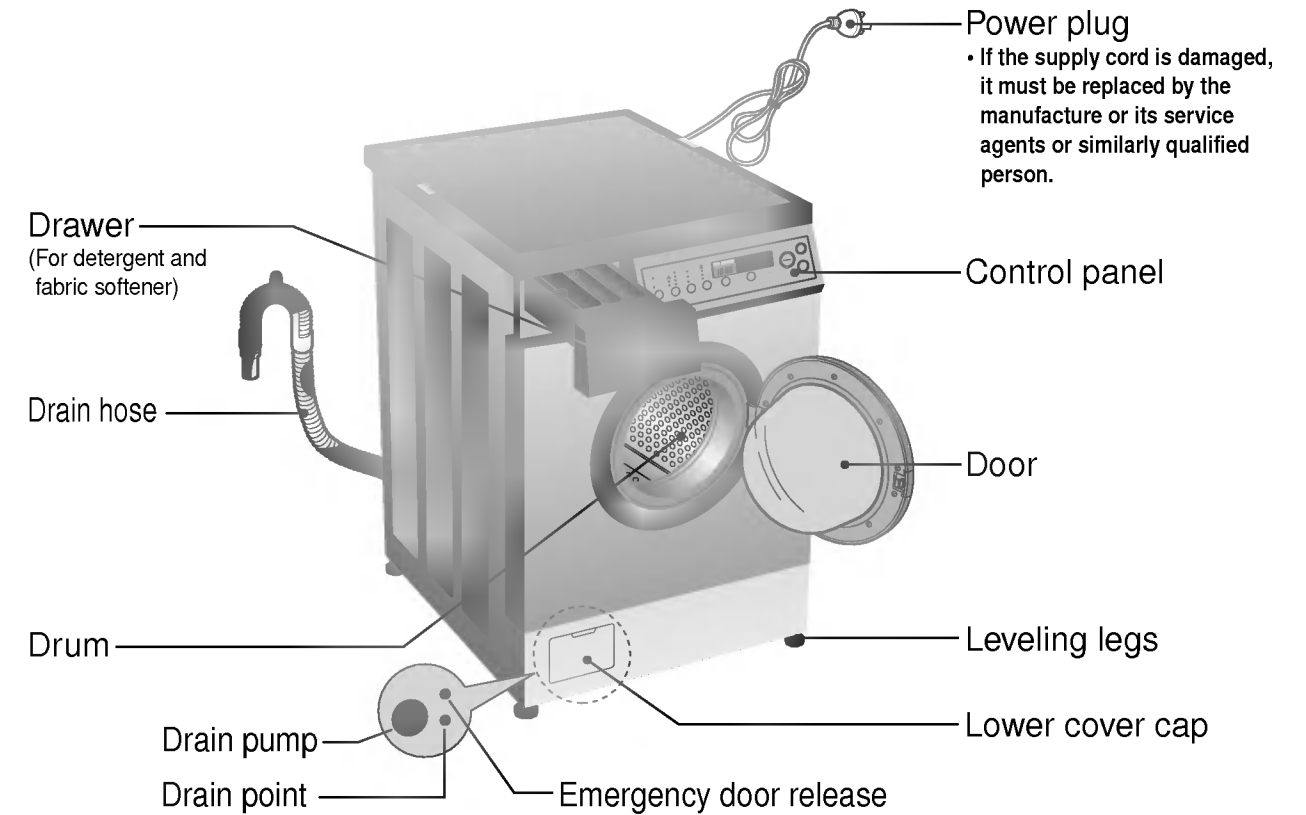
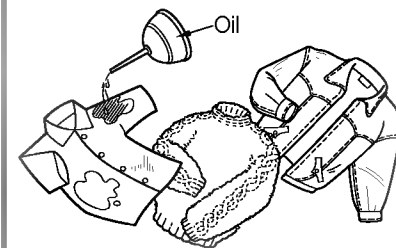
§ Abnormal use

- Use only laundry for washing.



§ Not permitted laundry

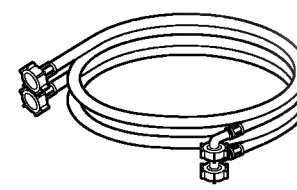
- Do not wash laundry stained with edible oil, machine oil, dry-cleaning oil, etc. It may cause a fire.



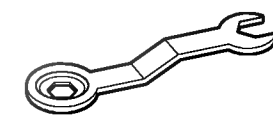
Power plug
• If the supply cord is damaged, it must be replaced by the manufacture or its service agents or similarly qualified person.

■ Name	: Front loading washing machine
■ Power supply	: Refer to rating label
■ 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	: 89 l (12 l/kg)
■ Permissible water pressure	: 0.3-10kgf/cm ² (30-1000kPa)
■ Permissible cold water temperature	: 4-25°C
■ The hot water should ideally be at 60°C and must NOT be above 70°C	
■ TT : Appliance comply with the requirement by certification Type Test Mark.	
■ No further backflow protection required for connection to the water supply.	
* The appearance and specifications may be varied without notice to raise the units quality.	

§ Accessories



Inlet hose (2EA)

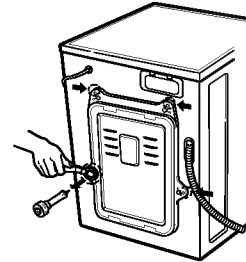


Spanner

■ How to disassemble the transit bolts

• To protect the washer during transportation, the special 4 bolts have been fitted to the back of the unit. Before operating the washer, remove the bolts. (If they are not removed, they will 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

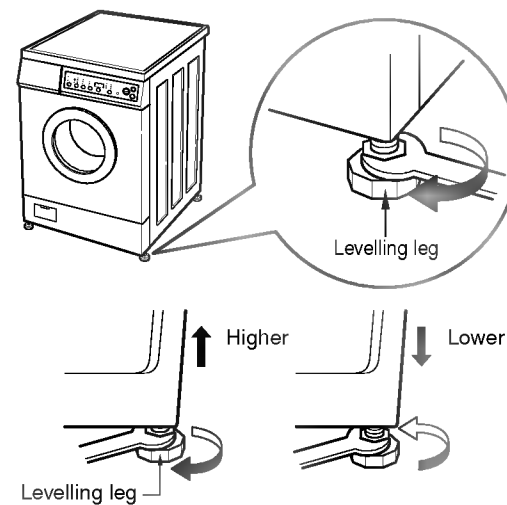


• Keep the transit bolts and spanner for future use.

■ Level adjustment

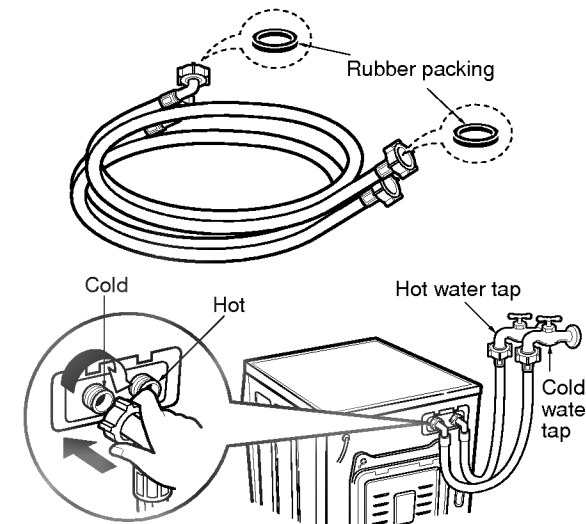
• If the washer is not leveled, it could cause noise or vibration.

1. Select a place for installation
 - Place it on 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. (Check it by shaking the washer)
3. After adjusting the level, check it by shaking the washer. Readjust the level if necessary.



■ Connecting the inlet hose

• This washing machine has been designed that it can be connected both the hot and cold inlet hose.



- To prevent leaks two rubber packings are supplied with the water inlet hose inside the valve connector.
- If there is only one tap, connect the hose to the cold water inlet.
- Do not invert there position (for example : cold tap into hot inlet valve and vice versa).
- The connections are tightly fixed.
- When using only cold water, only cold inlet hose can be used.

1. Fix the red marked inlet hose at the hot water tap and at the inlet valve with the red filter on the rear side of the machine.
2. Fix the other inlet hose at the cold water tap and at the inlet valve with the white filter on the rear side of the machine.

WARNING

The water supply pressure must be between 30 kPa and 1000 kPa.

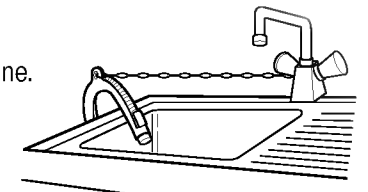
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■ Electrical connection

- Do not use an extension cord or double adapter.
- 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 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 the plug is accessible.

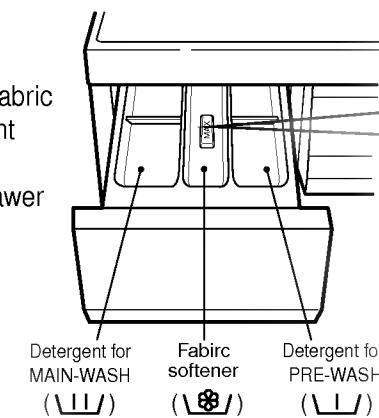
■ Water drain

- 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.



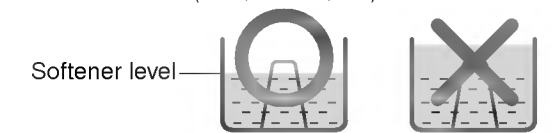
■ Where to place the detergent

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

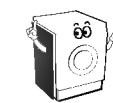


The drawer for fabric softener

- Do not leave the fabric softener in the detergent drawer for more than 2 days. (Fabric softener could be hardened)
- Do not open the detergent drawer during water fill cycle.
- Softener will automatically add during last rinsing cycle.
- Do not fill past MAX indicator.
- Do not use solvents (trilen, benzine, etc.)



- Programmes with PRE-WASH (U/U) (U/U)
- MAIN-WASH only (U/U)



- The detergent should be used according to the instruction of the detergent manufacturer.
- If more detergent than 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.

Detergent dosages

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

The amounts depend on

- degree and type of soiling
- size of wash
 - full-load : according to manufacturers' 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.

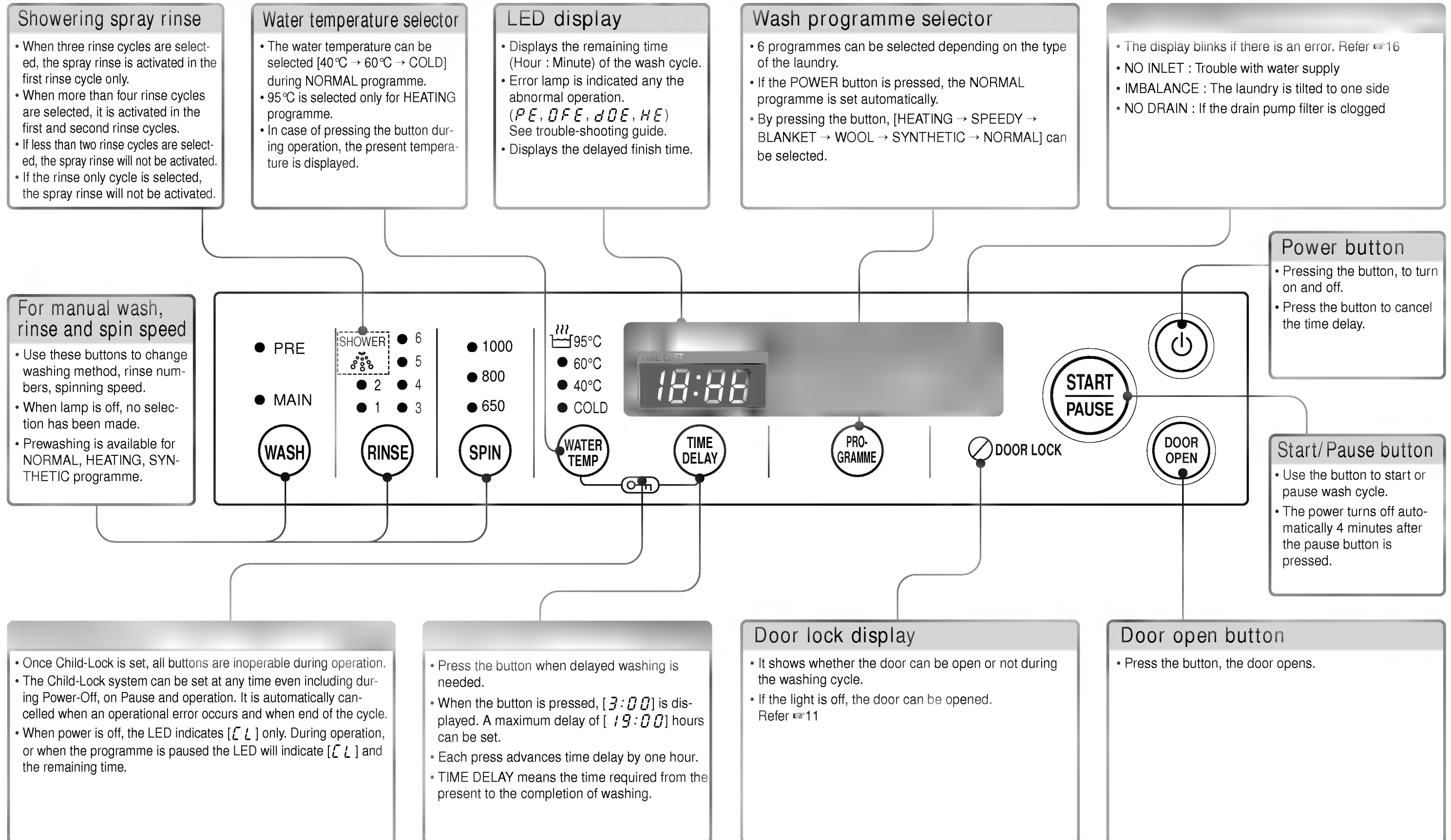
Choosing the right detergent

The type of detergent depends on

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

Note : For wool only use appropriate detergents.

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

□ **Prepare the washing.**

- Make sure that the machine is plugged in the electric 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.

■ **In case of automatic washing**

1. Press the **POWER** button.

2. Press the **START/PAUSE** button to start the washing machine.

- The NORMAL programme is carried out automatically.


3. The optimum wash programme is selected once the load is detected.

■ **To change the washing programme preferred**

1. Press the **POWER** button.

2. [HEATING → SPEEDY → BLANKET → WOOL → SYNTHETIC → NORMAL] will appear in order by pressing the **PROGRAMME** button.

- Make adjustment to water temperature, rinse or spin cycles to suit your wash needs by pressing these buttons.

		• 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 woolens 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, woolen 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.

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



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.

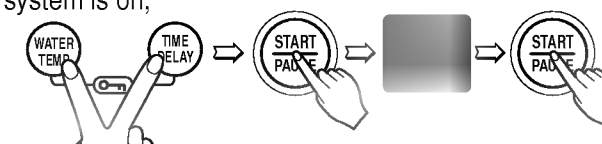
□ **The Child-Lock system**

- The Child-Lock system can be programmed and cancelled by pressing 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 or infirm persons you can use this option)


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

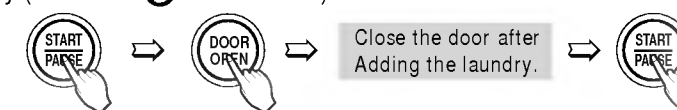
1. Press both WATER TEMP. and TIME DELAY buttons.
2. Press the START/PAUSE button.
3. Change the desired programme and press the START/PAUSE button.




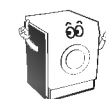
- If you want to deactivate Child-Lock during wash cycle press both WATER TEMP and TIME DELAY buttons simultaneously.

-  **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.



- Never wash whites and coloureds together.
- Follow the wash code symbols on each garment label and manufacturer's washing instructions.
- Sort the laundry as follows : white, colour, synthetic, delicate, woolen.

Soiled condition	Washing	Temperature
Heavy soiled	-Pre wash	Cotton in white : Cold - 95°C
	-Main wash	Cotton in color : Cold - 60°C
Moderately soiled	-Main wash	Mixed cotton : Cold - 60°C
		Chemical fiber : Cold - 40°C

- **Pre wash** : The prewash can be used with programmes for NORMAL, HEATING, SYNTHETIC. Used the prewash function only for a heavily soiled.

- **Main wash** : We recommend using this programme only for slightly soiled laundry items.

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

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 electric blanket.

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

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

■ Prepare the washing

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

1. Press the **POWER** button.

- The NORMAL programme is set.

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

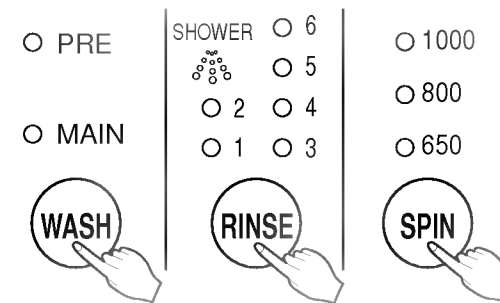
- Press the SPIN button to select the spin speed.
- Press the WASH button until light turns off.
- Press the RINSE button until light turns off.

Washing & rinsing only

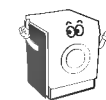
- Put in the detergent and fabric softener.
- Press the WASH button to select the washing method.
- Press the RINSE button to select the numbers of rinse cycles.
- Press the SPIN button until light turns off.

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.

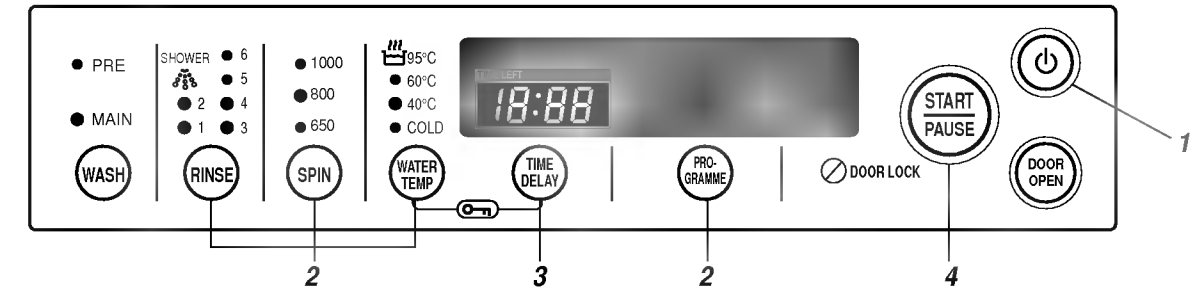


- The programme is not carried out if the light turns off.
- Pre wash is available only, the NORMAL/HEATING/SYNTHETIC programmes.
- If the "rinse only" cycle is selected, the shower rinse will not be activated.
- When selecting "rinse only", water temperature is fixed to cold water.



Completion 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.



■ Prepare the washing

- Press the DOOR OPEN button.
- Load 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** selection 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.

Time delay setting

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



Press the TIME DELAY button.



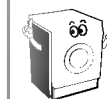
Press the TIME DELAY button twice and set the time to [5:00]



- 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 power failure
- According to the condition of water supply and temperature, the delayed time and actual washing time can be slightly different.
- Press the POWER button can be pressed to cancel the time delay.
- Pressing the button once will increase the time delay by one hour.

4. Press the **START/PAUSE** button

- All lights except the time delay display 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.

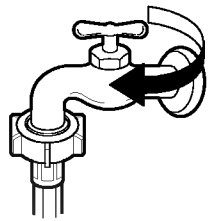
If you are unable to unload the washing machine at the end of the delay cycle, it is best not to select the

- ❑ Remove the power plug prior to maintaining.
- ❑ Clean the filter periodically every 3 months.

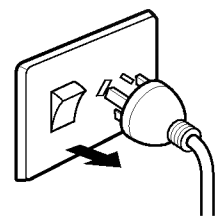
§ Clean the filter in the inlet valve

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

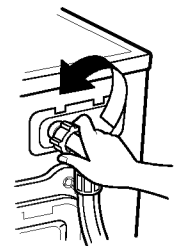
1 Turn off the water tap.



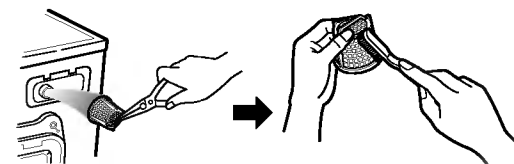
2 Take out the power plug from the outlet.



3 Disconnect the inlet hose.



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

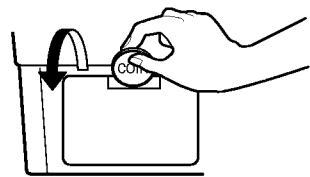


- Insert it in its original place.

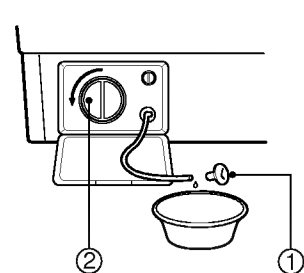
§ Cleaning the drain pump

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

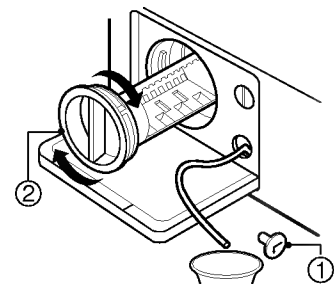
1 Open the lower cover cap using coin.



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.

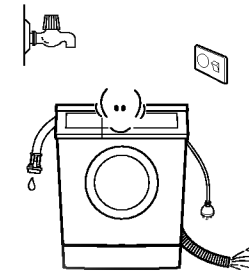


3 Take out any foreign material from the drain pump (②).
 • After cleaning, turn the drain pump (②) clockwise and insert the drain point (①) to the original place.
 • Close the Lower cover cap.

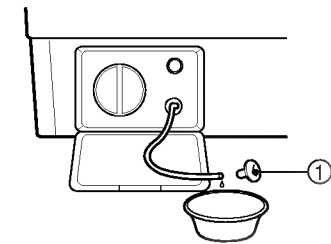


§ To prevent being frozen in winter

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

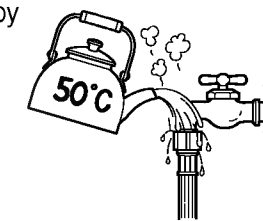


2 Reduce the water from the drain point (①).

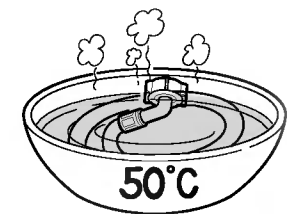


§ When the machine is frozen

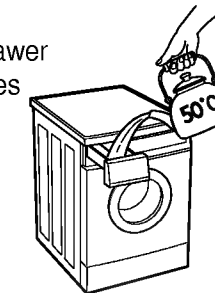
1 Remove the inlet hose by pouring 50°C hot water around the water tap.



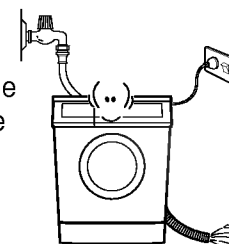
2 Soak it in the 50°C hot water.



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

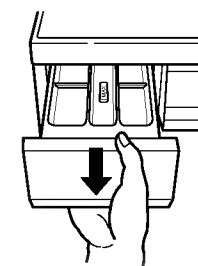


4 Connect the inlet hose to the water tap and check the drain after turning on the water tap and operating the washing machine.

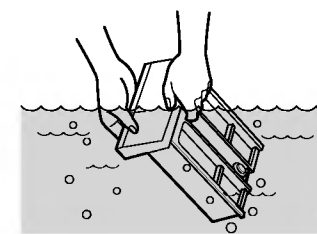


§ Maintenance of detergent drawer

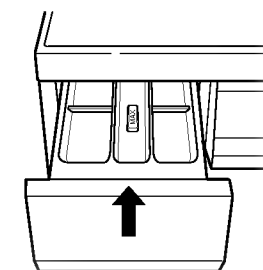
1 Pull out the detergent drawer.



2 Clean it in the water.


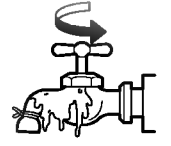


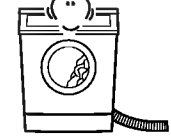
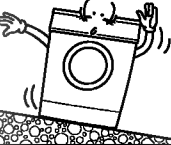

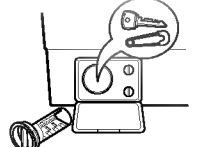
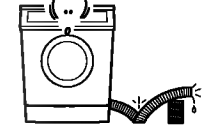
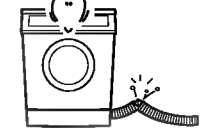






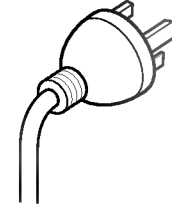
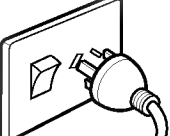
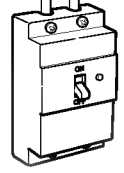

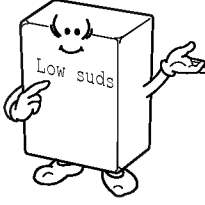

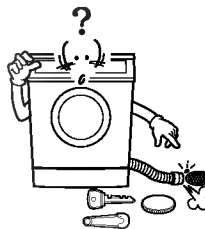


3 Insert it in its original place.



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 ? • Is only the hot water connected? 	<ul style="list-style-type: none"> • Turn the water tap on. • Melt it with 50°C hot water. (Refer 15) • Separate the filter and remove the foreign material.(Refer 14) • The cold inlet hose must be connected.
	 <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. • Adjust the level.
	 <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 14) • Put the hose in evenly. • Place the drain hose under 85 cm from the floor. • Melt it with 50°C hot water. (Refer 15)
Door is faulty 	 <ul style="list-style-type: none"> • Door not closed completely ? 	<ul style="list-style-type: none"> • Close the door. * If [DOE] is not released, call the service centre.
Water is not heating 	<ul style="list-style-type: none"> • Take out the power plug. • Call the service centre or agent. 	

Symptom	Check points	Solution
The machine does not start up.    	<ul style="list-style-type: none"> • Did you press the POWER button? • Is the power plug unplugged? • 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 low sud detergent which is indicated 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 14)
	If the water overfills due to abnormal water valve. You will get [DFE] display.	<ul style="list-style-type: none"> • Close the water tap. • Take out the power plug. • Call the service centre.
	[PE] is displayed if the water level sensor malfunctions.	

Memo

Memo