



Washing Machine

OWNER'S MANUAL

MODEL : WF-T1041TP

Please read this manual carefully before operating your set.
Retain it for future reference.
Record model number and serial number of the set.
See the label attached on the back cover and quote this
information to your dealer when you require service.



"Turbo Drum" washer doesn't operate during the lid opened when the lid is open during the wash, rinse and spin cycle, the operation stops for safety.

Turbo drum washing

- When "Punch + 3" washing wings turns, the washing tub turns in the opposite direction. This makes the both sides current of water which improve wash-performance by rubbing clothes strongly.
- The wash-performance gets more by falling water-course which cones from a small waterfall in the washing tub,

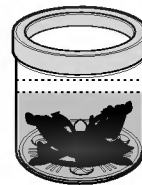


3 Step washing

- 3 step washing makes best washing performance with low tangling.



Rubbing



Rubbing and Shaking

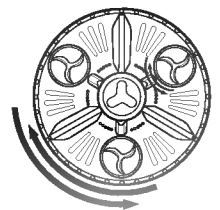


Shaking and Disentangling



Innovated washing wings

- Three small washing wings generate strong and sharp washing currents to clean laundry uniformly.
- Adjusted vertical movement and rotating direction of the washing punch reduces laundry entanglement and improves washing power.



Double devices for removing naps

- Two lint filters catch naps and thread generated during washing to make the laundry cleaner.



**Basic
understanding
of washing
machine**

Safety information

Name of Each Part

Function of Each Button

Care Before Washing

**How to use
washing
machine**

Fuzzy / Economy / Blanket / Wool / Soaking Washing

Delay Start (Reservation) Washing

Other Washings

Water Level and Amount of Detergent

How to Use the Bleach & the Softener

Child Lock function

**How to install
and maintain**

Installing the Washer

Maintaining the Washer

Cleaning and Maintenance

Troubleshooting Guide

Specifications

WARNING!

Read and follow this safety information carefully. For your safety, the information in this manual must be followed to minimize the risk of fire or explosion, electric shock, or to prevent property damage, personal injury, or loss of life. Save these instructions.

WATER HEATER SAFETY

- Under certain condition hydrogen gas may be produced in a water heater that has not been used for two week or more. Hydrogen gas can be explosive under these circumstance . If the hot water has not been used for two weeks or more, prevent the possibility of damage or injury by turning on all hot water faucets and allowing them to run for several minutes. Do this before using any electrical appliance which is connected to the hot water system. This simple procedure will allow any built-up hydrogen gas to escape. Since the gas is flammable, do not smoke or use an open flame or appliance during this process.

PROPER INSTALLATION

- Install or store where it will not be exposed to temperature below freezing or exposed to the weather.
- Properly ground washer to conform with all governing codes and ordinances. Follow details in Installation Instructions.

YOUR LAUNDRY AREA

- Keep the area underneath and around your appliances free of combustible materials such as lint, paper, rags, chemicals, etc.
- Close supervision is necessary if this appliance is used by or near children. Do not allow children to play on, with, or inside this or any other appliance.

WHEN USING THE WASHER

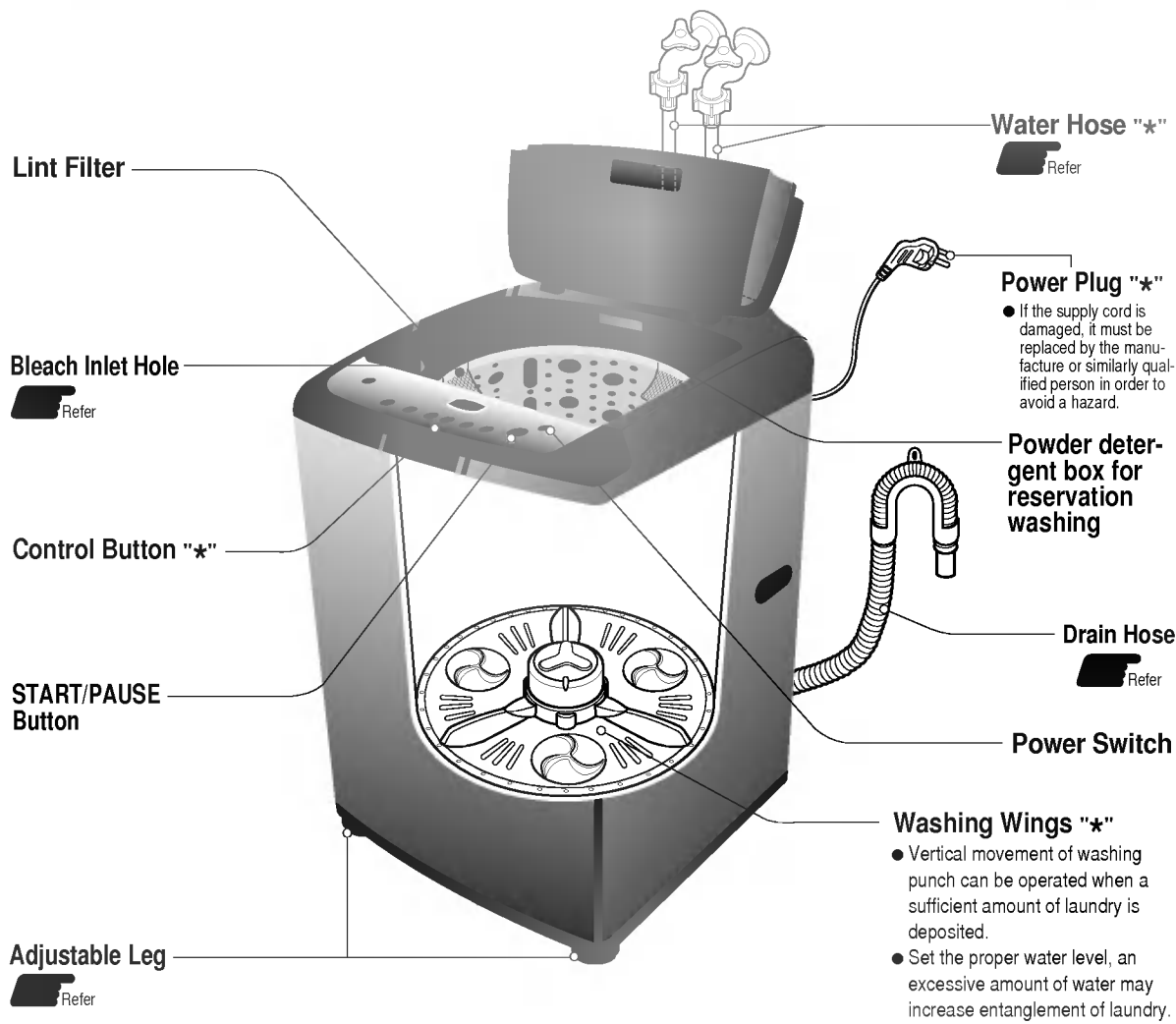
- Use this appliance only for its intended purpose as described in this Owner's Manual.
- Never reach into washer while it is moving. Wait until the machine has completely stopped before opening the lid.
- Do not mix chlorine bleach with ammonia or acids such as vinegar and/or rust remover. Mixing different chemicals can produce a toxic gas which may cause death.
- Do not wash or dry articles that have been cleaned in, washed in, soaked in, or potted with combustible or explosive substances (such as wax, oil, paint, gasoline, dry-cleaning solvents, kerosene, etc.) which may ignite or explode. Do not add these substances to the wash water. Do not use or place these substances around your washer or dryer during operation.
- The laundry process can reduce the flame retardant of fabrics. To avoid such a result, carefully follow the garment manufacturer's wash and care instructions.
- To minimize the possibility of electric shock, unplug this appliance from the power supply or disconnect the washer at the household distribution panel by removing the fuse or switching off the circuit breaker before attempting any maintenance or cleaning.

NOTE: Pressing Power button to turn off does NOT disconnect the appliance from the power supply.

- Never attempt to operate this appliance if it is damaged, malfunctioning, partially disassembled, or has missing or broken parts, including a damaged cord or plug.

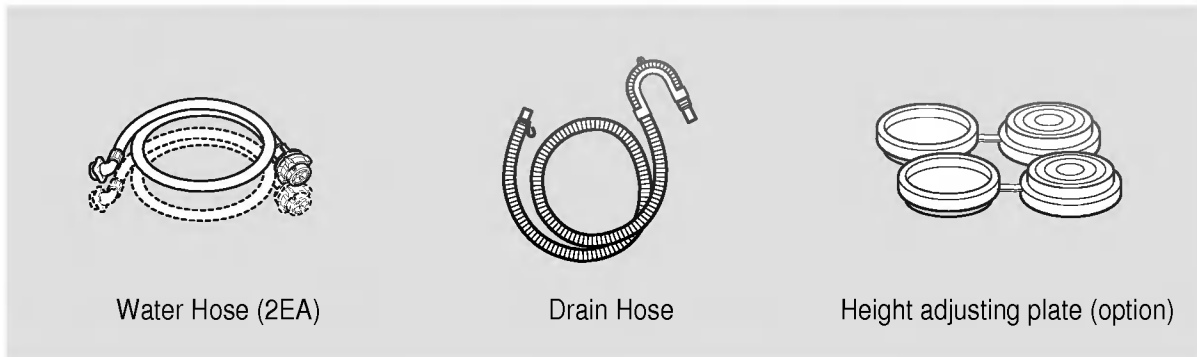
WHEN NOT IN USE

- Turn off water faucet to relieve pressure on hoses and valves and to minimize leakage if a break or rupture should occur. Check the condition of the fill hoses ; they may need replacement after 5 years.
- Before discarding a washer, or removing it from service, remove the washer lid to prevent children from hiding inside.
- Do not attempt to repair or replace any part of this appliance unless specifically recommended in this Owner's Manual, or in published user-repair instructions that you understand and have the skills to carry out.
- Do not tamper with controls.



Name of Each Part

Accessories



NOTE
" * " part can be different according to the model.

Changing various functions is possible only in PAUSE state.
 Selection button does not work when the washer is in operation (Except for water level button).

- Use it to select hot or cold water (When hot water only is selected, hot water is supplied for washing and hot and cold water are supplied for rinsing).
- In WOOL program, cold water is selected automatically (Hot water may damage the fabric.)
- When hot water only is selected, all process can't be done, wash process only can be done.
- When wash is selected, HOT & COLD LEDs are on.

- Use it to adjust the strength of water current.
- By pressing the button, it cycles [NORMAL → STRONG → GENTLE].
- Strength of the water current can be adjusted at any program. At the beginning, it starts with NORMAL.

- In case of abnormal operation, the following indications are displayed.
Abnormal water supply : [] lamp blinks.
Abnormal drainage : [] lamp blinks.
Abnormal spin : [] lamp blinks.
Abnormal water level sensing : [] displayed.
Abnormal lid open : [] lamp blinks.
Abnormal overflowing : [] lamp blinks.



- By pressing the button, it cycles [LARGE → EX-LARGE → SMALL → MEDIUM → LARGE]
- At FUZZY program, water level is selected automatically based on the amount of laundry.
- Water level is set to LARGE for WOOL program, EX-LARGE for BLANKET program.
- Water level can be adjusted even when the washer is in operation.

- Use this function for delayed washing.
- Use it to set the delay time.
- By pressing the button, it cycles [3 → 4 → 5 → ... → 11 → 12 → 14 → 16 → ... → 46 → 48 → 3] hours. (Up to 48 hours can be delayed).
- To cancel delay time, turn the power switch off.

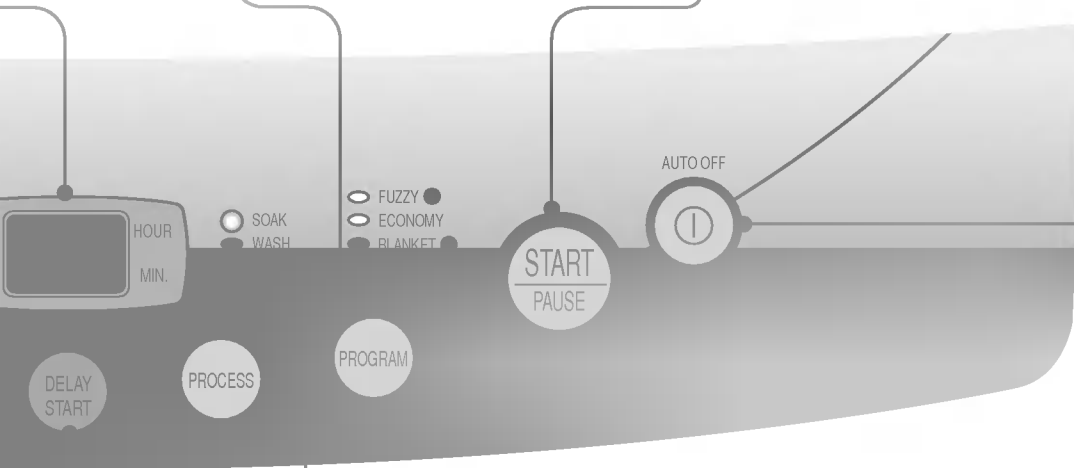
NOTE

"*" part can be different according to the model.

- Use it to select washing programs.
- By pressing the button, it cycles [FUZZY → ECONOMY → BLANKET → WOOL → FUZZY].

- Use it to start or pause temporarily.
- Pressing the button repeats start and temporary pause
- After 10 minutes in a temporary pause state, the power will automatically turn off.

- Power is automatically cut after the wash program finishes.



- Use to select the desired function among soak, wash, rinse and spin.
- By pressing, it cycle [WASH+RINSE+SPIN] → [SPIN] → [RINSE+SPIN] → [RINSE] → [WASH+RINSE] → [WASH] → [SOAK+WASH+RINSE+SPIN] → [SOAK+WASH+RINSE] → [SOAK+WASH].

1. Child Lock function

- Use to lock or unlock the control buttons to prevent all the setting being changed by a child.
- For locking, push two buttons simultaneously and for unlocking, push two buttons one more in washing process.
- During locking, "⏸" & remained washing time will blink alternatively on display.

2. Mute function

- To use washer without buzzer sound, push water level and process button simultaneously. To unset, push two button one more simultaneously.

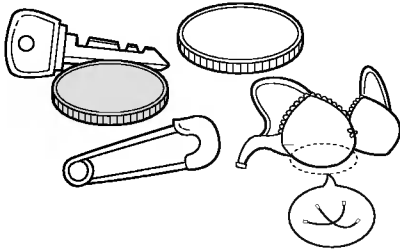
3. Self cleaning system

- In initial state of all washing process, the drain pump winks for 3~5 seconds to pump water with dirt in outer tub out and to reinforce pumping ability.

* ③ : 3 step works at large and medium water level of fuzzy and Blanket.

Laundry Handling

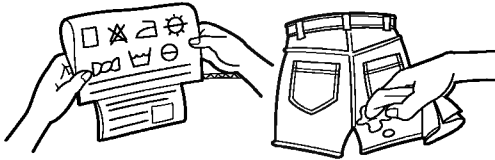
- Check pockets for any articles (They may damage clothes or the washer).



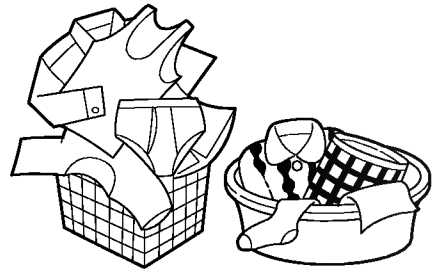
- Brush off dust and soil from clothes.



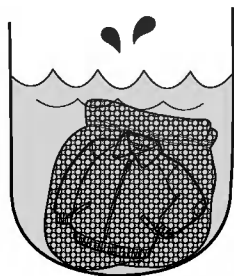
- Check the label of garments for the washing method. Clean partial stains before washing.



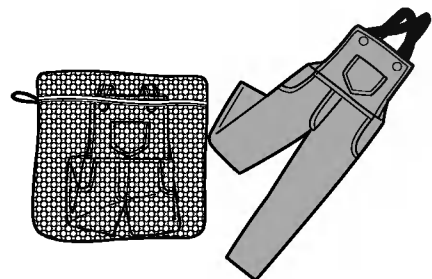
- Wash colored and white clothes separately.



- Since bulky and light laundry may float, buy a washing net and wash them a few at a time (parker, jumper, etc.).



- Since stringed or long clothes may cause entanglement, tie them or use the washing net.



- Floating laundry may get damaged.
- When you use a washing net, insert detergent after dissolving it, so that undissolved detergent will not be left in the net.

- It may come to increase the noise but during spin, do not care about it.

Preparation before washing



























1 Connect the water hoses.

















 Refer

Care Before Washing

 23

 20

Washing Programs	AUTO OFF 	Add the laundry			Add the detergent
Fuzzy Washing (Normal Wash) Used for normal loads, this mode automatically selects the most appropriate conditions and completes the sequence in one operation. The built-in sensor detects the size of the load and the ideal wash power and wash, rinse and spin times are set accordingly.					 <ul style="list-style-type: none"> • Add the appropriate quantity of detergent as indicated by the water level next to WATER-DETERGENT. Or follow the detergent manufacturer's instructions
Economy Wash Use this mode when washing lightly solid clothes for a short time. The weight should be under 3.2kg.			 <ul style="list-style-type: none"> • Select the ECONOMY program on the Control panel. 		
Blanket Wash Use Blanket program when washing Blanket of different sizes			 <ul style="list-style-type: none"> • Select the Blanket program on the Control panel. 		
Wool Wash Use this program for washing delicate fabrics such as lingerie and woolsens. (wash only "water washable" clothes) Before washing your woolsens check the care label for the washing instructions. (wash only water washable clothes)			 <ul style="list-style-type: none"> • Select the WOOL program on the Control panel. 		 <ul style="list-style-type: none"> • Use neutral detergent appropriate for the laundry. • When washing woolsens use a mild detergent recommended for washing wool.
Soak Wash Use this mode for washing excessively dirty laundry by soaking in water for some time to remove proteins and fats. 'SOAK' mode can be used with all washing programs simultaneously except for 'WOOL' program.			 <ul style="list-style-type: none"> • SOAK will not work in WOOL Program. 		 <ul style="list-style-type: none"> • Keep pressing the PROCESS button until the SOAK light is on and then WASH, RINSE, SPIN lights are on simultaneously. • If necessary, select the desired washing process from (SOAK+WASH+RINSE+SPIN), (SOAK+WASH+RINSE), (SOAK+WASH) manually. 

	Close the lid	Finish	Caution & Note								
 <ul style="list-style-type: none"> The pulsator rotates for 8 seconds to detect the laundry load. Then the water level and the amount of detergent to be used will be shown and water will be supplied. 	 <ul style="list-style-type: none"> Water will be supplied for 2 minutes after the start of the wash to supplement the water the laundry has absorbed. 	 <ul style="list-style-type: none"> When the wash program ends, the buzzer will ring for 10 seconds before the Power goes off automatically. 	<ul style="list-style-type: none"> If water is already in the tub, or putting wet laundry into the tub before starting will increase the water level. With lightweight bulky loads, water level can set low. Changes to water temperature (hot/cold) an wash level are possible during operation. (refer to p 6) 								
			<ul style="list-style-type: none"> Before starting to wash, make sure that the laundry is washable. 								
			<table border="1"> <tr> <td rowspan="2">Possible Laundry</td> <td>100% chemical fiber with the hand-wash tag</td> <td>Weight : the weight of sheet is under 5.0kg</td> </tr> <tr> <td>100% Polyester with the hand-wash tag</td> <td>Blanket Stuffing : Weight about 2kg (total weight of blanket 3.5kg) Size : under approx. 2m(width) x 2.5m(breadth)</td> </tr> <tr> <td>Impossible Laundry</td> <td>• electrical blankets</td> <td>• carpets</td> </tr> </table>	Possible Laundry	100% chemical fiber with the hand-wash tag	Weight : the weight of sheet is under 5.0kg	100% Polyester with the hand-wash tag	Blanket Stuffing : Weight about 2kg (total weight of blanket 3.5kg) Size : under approx. 2m(width) x 2.5m(breadth)	Impossible Laundry	• electrical blankets	• carpets
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Impossible Laundry	• electrical blankets	• carpets									
			<ul style="list-style-type: none"> Use a nylon net for washing cashmere blankets to prevent them floating out of the tub. Water may splash out when washing light laundry, such as a cashmere blanket or bed sheet with water set at high level. When setting the water level manually, do not set to MEDIUM to prevent damage to laundry. Washing with hot water may damage the laundry (Water is set to cold automatically). Ensure that the load is under 2kg In order to avoid damage to laundry, the spin cycle may appear slow. This also avoids wrinkles and clothing may still contain some water. This is normal. 								
 <ul style="list-style-type: none"> The water level and the amount of detergent to be used will be shown and water will be supplied. 			<ul style="list-style-type: none"> Soak Wash cannot be selected for the Wool Wash program. 								



This can be used conveniently for the every washing type.(except for HOME DRY and WOOL program.) When you want to cancel reservation for delayed washing, switch the power off and start again.

3

How to set the reservation time

Example : It's 7 a.m. now. If you'd like your wash to finish at 9 p.m. set the time as in the figure below.

- When you push the button the reservation time changes [3 →4→5...→12→14→16...→48→3] repeatedly.

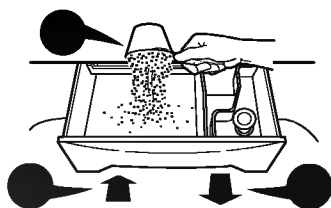


14 hours : 7 a.m. ~ 9 p.m.

How to put the detergent into the detergent box

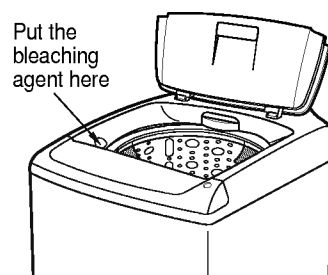
For powder detergent

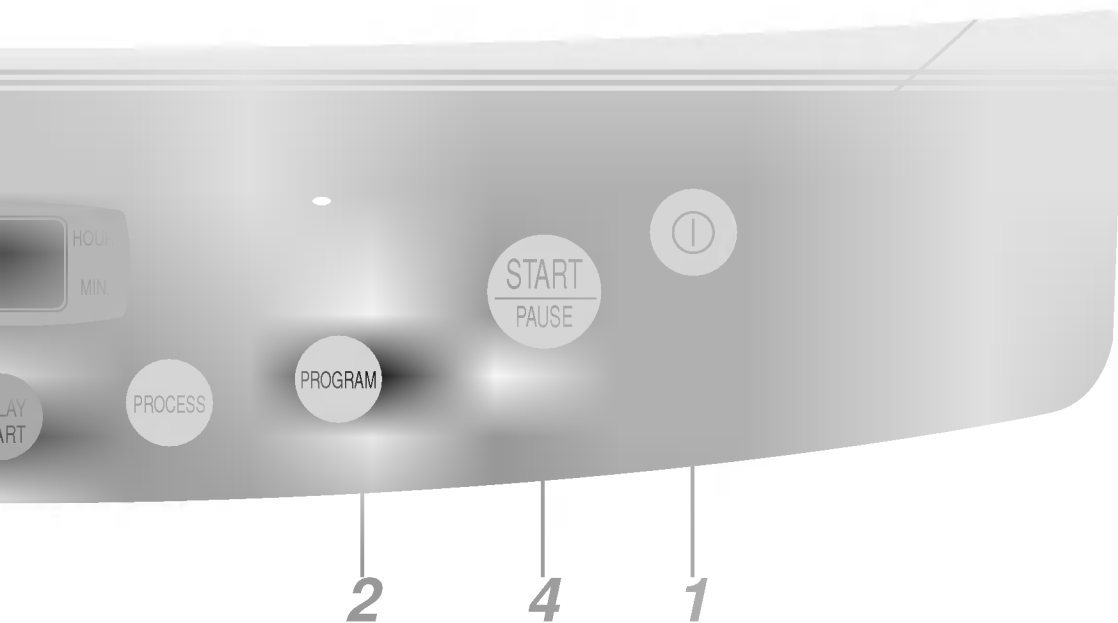
- Put in into the exclusive detergent box. Pull put the box and put the detergent then close the box again.
- Dry the moisture in and out of the box before inserting the detergent (the detergent can become hard).



For liquid detergent

- Put the detergent after diluting it with the water at the rate of 1:1.





1 Press the [POWER] button.

2 Select a DELAY START(RESERVATION) program.

3 Set the Time.
● Press the DELAY START(RESERVATION) button to set the time when the delayed washing is completed.

4 Insert laundry and press the [START/PAUSE] button.

5 Deposit detergent in the powder detergent box and close lid.
● Make sure to deposit detergent in the powder detergent box.
If you leave detergent with the laundry for a long time, the laundry may get partially discolored.

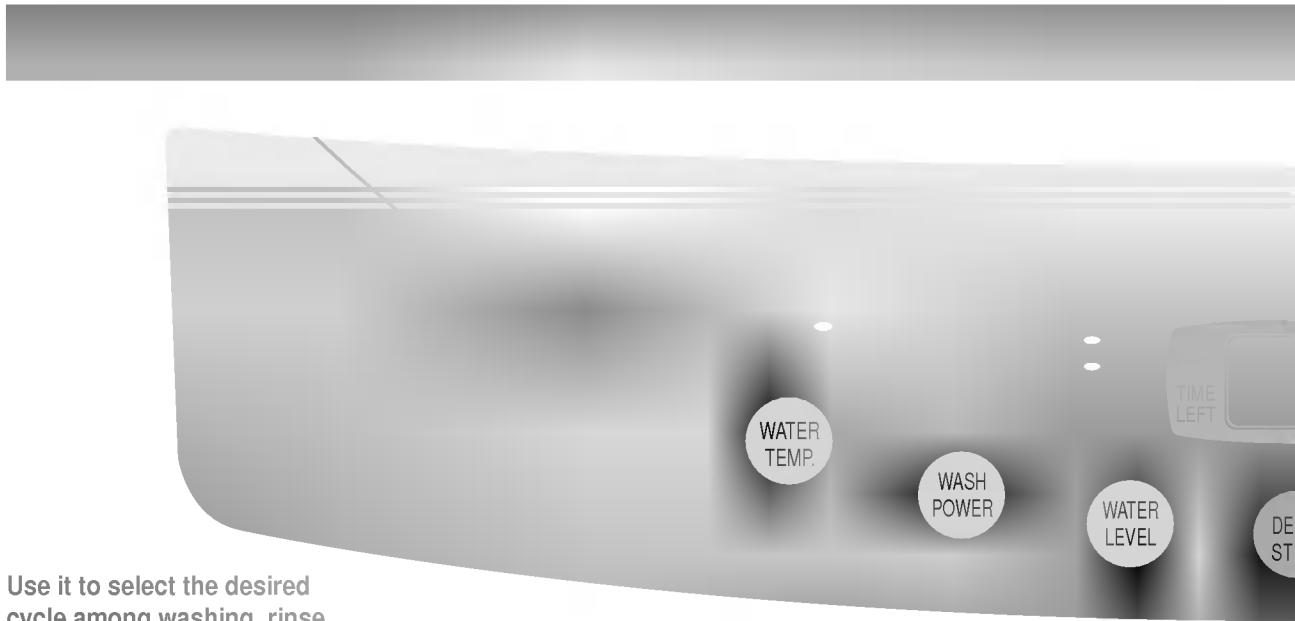


When the lid is opened, delay start(reservation) washing cannot proceed.



How to wash when you go out

- when you cannot take the laundry out immediately after washing is completed, you'd better select wash and rinse only (in this case, do not select spin to prevent wrinkle).



Use it to select the desired cycle among washing, rinse and spin, or to repeat one of them after washing is completed.

2

1 Press the [POWER] switch



	<ul style="list-style-type: none"> ● Press the WASH button to select the time. ● Adjust the water level according to the amount of laundry. ● If the water level is not selected, it is automatically set to [LARGE].
	<ul style="list-style-type: none"> ● Press the WASH button to select the time. ● Adjust the water level according to the amount of laundry. ● If the water level is not selected, it is automatically set to [LARGE].
	<ul style="list-style-type: none"> ● Press the RINSE button. ● Adjust the water level according to the amount of laundry. ● If the water level is not selected, it is automatically set to [LARGE]. ● In this case, amount of laundry will not be sensed. ● When selecting rinse only, it starts with water supply.
	<ul style="list-style-type: none"> ● Press the RINSE button to select the number of rinses. ● Press the SPIN button to select the time. ● Adjust the water level according to the amount of laundry. ● If the water level is not selected, it is automatically set to [LARGE].
	<ul style="list-style-type: none"> ● Press the SPIN button to select the time.



3 Deposit laundry

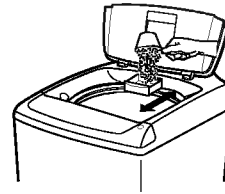


4 Press the START/PAUSE button



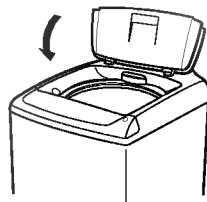
- The washer displays the amount of detergent and begins supplying water.

Deposit detergent and close the lid.



- Deposit detergent based on the indicated amount.
- If only [WASH or WASH+RINSE] is selected, water will not be drained after it is completed.
- For draining, press the SPIN button and the START/PAUSE button.









Close the lid



- If the lid is not completely closed, the washer generates the alarm sound.

5 Press the START/PAUSE button



WATER LEVEL	AMOUNT OF WATER	AMOUNT OF LAUNDRY	AMOUNT OF DETERGENT	
			REGULAR	CONCENTRATED
 EX-LARGE	94 ℓ	More than 7.1 kg	 About 98 g	About 65 g
 LARGE	85 ℓ	Less than 7 kg	 About 85 g	About 57 g
 MEDIUM	72 ℓ	Less than 4 kg	 About 65 g	About 48 g
 SMALL	52 ℓ	Less than 2 kg	 About 42 g	About 34 g

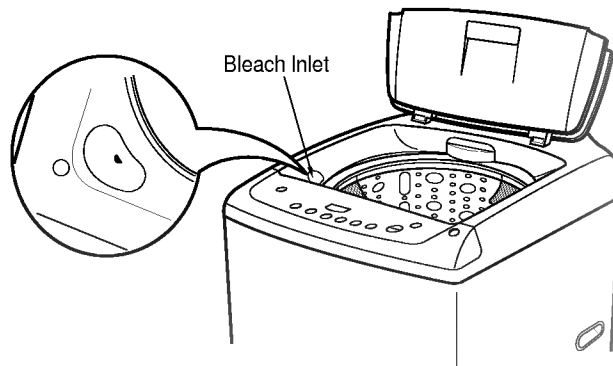
- Concentrated detergent: 20g per 30 liters of water.
- Regular synthetic detergent: 30g per 30 liters of water.
- When sensing water levels automatically, the amount of water can differ according to the amount of laundry even at the same water level.
- For synthetic detergent, use one that generates less bubbles. This type of detergent is specially designed for washers.
- In case of using liquid detergent, dissolve it with water(detergent: water=1:1) and deposit it through the bleach deposit hole.



- If you use laundry soap(neutral resin) for a long time, dirt separated from laundry may remain on the inner-tub wall and cling to laundry during washing.
- Using excessive amount of detergent may reduce the rinse effect and pollute the environment.

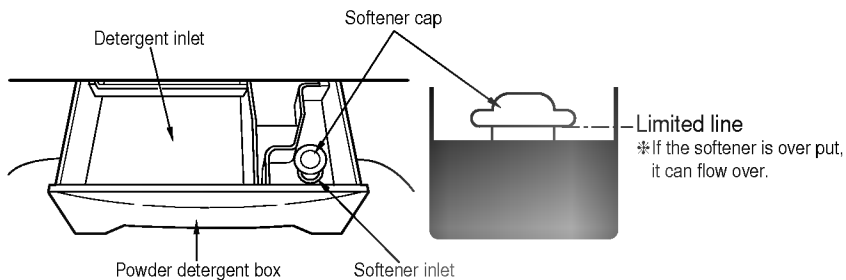
How to use the bleach agent

- In the case of using the bleach, it is necessary to use the oxygenated bleach.
- Put the powdered bleaching agent after separating the clothes only for bleaching.
- Put the liquid bleaching agent with into the washing tub.



How to use the softener agent

- Pull and open the detergent box in the direction of arrow as indicated at picture.
- Put the enough agent under the standard line as indicated at the picture.
- Put the box slowly and smoothly not to make the agent flow over.



REFERENCE

- The softener is to be inserted automatically with the alarming sound at the last time of rinse.
- Insert the softener yourself at the last time of rinse since softener can be failed to be inserted automatically when the water pressure is weak (less than 0.5kgf/cm^2).
- Do not leave the washing machine with the softener in it more than 2 days.
(I could fail to insert softener by itself when left with softener because of the solidating of softener.)
- Do not put the bleach and softener directly to the clothes. (the clothes can be damaged of discolored.)



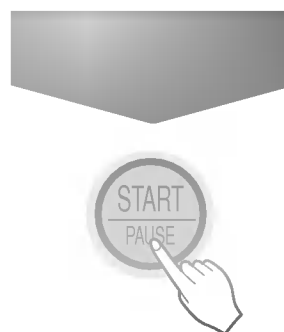
If you want to lock all the keys to prevent all the setting from being changed by child's wrong behavior you can use this child lock option.

How to lock

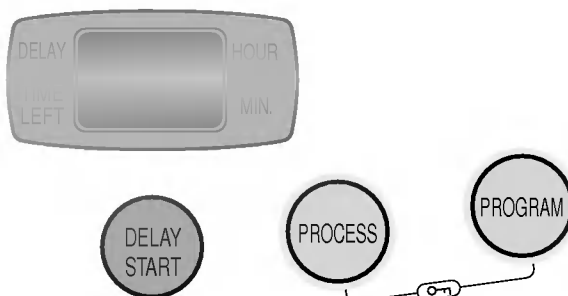
1 Press the POWER button.



2 Press the START/PAUSE key after all washing conditions are set according to the manual.



3 Press both the process button and the program button simultaneously while wash is proceeding, then all the keys are locked until completing the wash program or unlocking them.



- "L" and the remaining time are alternatively shown on the display while they are locked.

How to unlock

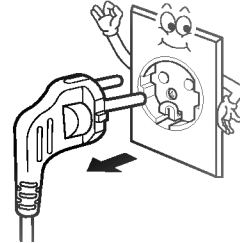
- If you want to unlock during wash press both the process button and the program button simultaneously again.



Make sure to connect the ground wire.
Otherwise, it may cause electric shock!

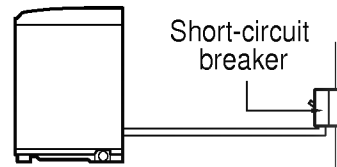
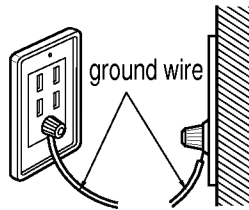
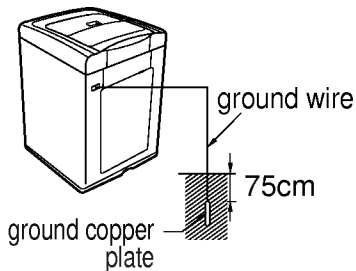
How to ground

- If AC outlet with ground terminal is used, grounding is not need.



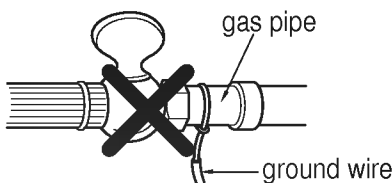
Other grounding method

- Connect the ground wire to the ground copper plate and then bury it under the moist ground at least 75cm deep.
- Connect the ground wire to the ground terminal at the outlet.
- When installing it in an area where grounding is not possible, purchase a short-circuit breaker and connect it to the outlet.



Place where grounding should be avoided

- Never connect the ground wire to gas pipes, water pipes, lightning arrest or telephone outlets.
- There is no ground effect in the plastic water pipe.

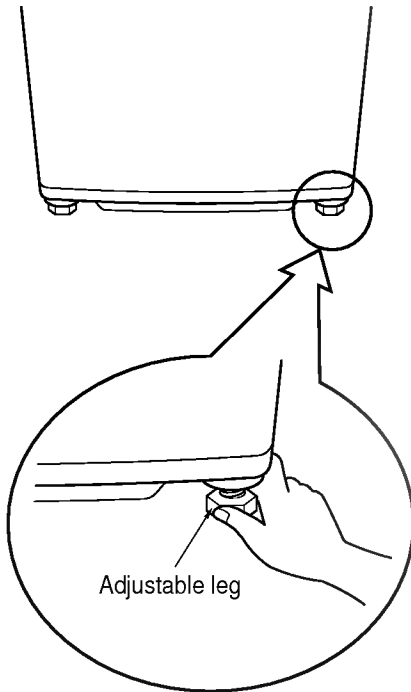




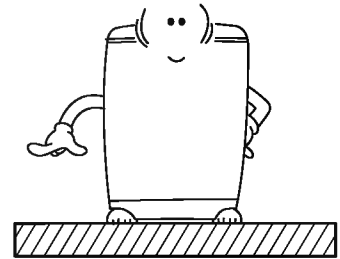
Improper installation of the washer may cause noise and malfunctioning.

1. The ventilating openings in the base area must be obstructed by carpeting when the washing machine is installed on a carpeted floor.
2. Install the washing machine on a level and firm surface, any tilt should be less than 1°.

How to adjust level

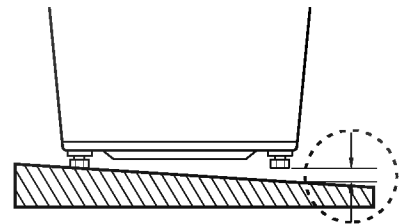


1 Installation area



- Install the washer on flat and firm surface.

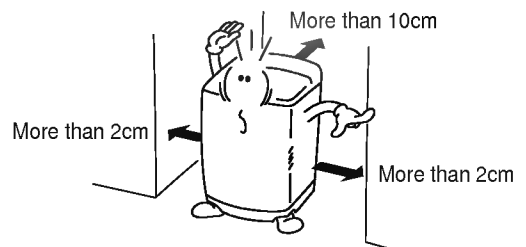
3 Checking slope



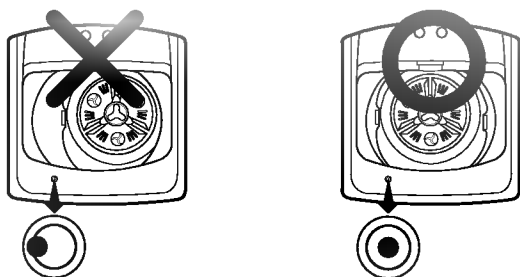
- Check if installation surface is tilted.
(Try to shake the washer and check if the washer is firmly installed.)

Distance between drain hose and the wall

Distance between drain hose and the wall should be more than 10cm, and the distance between the other part or the rear part and the wall should be more than 2 cm.

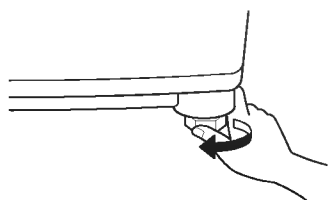


2 Checking level



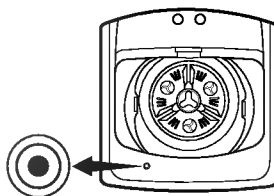
- Open the lid, and check if the washer is correctly leveled by looking down from the top.

4 Horizontal setting



- Lift up the front of the washer and adjust the drop of the level indicator to the center by turning the adjustable legs clockwise or using the adjusting plate.

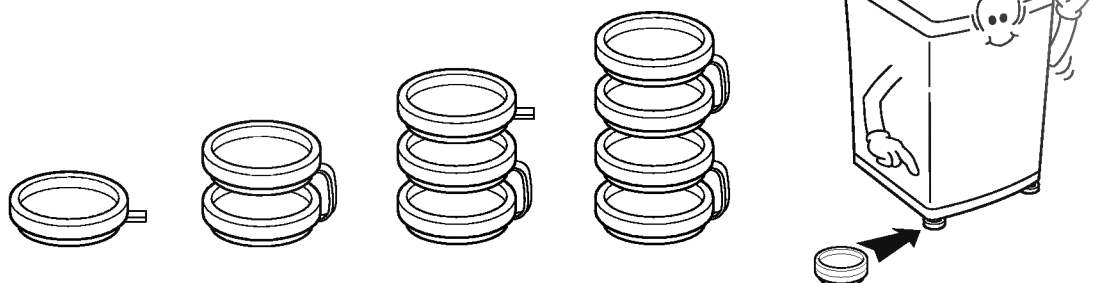
5 Confirming level



- Place the washer to original position and confirm the level as in figure 2. (Try to shake the washer and confirm the level.)
- Check the location of the level in the front of washer.

How to use the adjusting plates(optional)

- Use the adjusting plates to level the washer when the adjustable leg's cannot cover the gap.



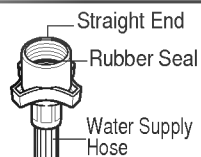
Connecting inlet hose (Screw type)

The inlet hose is connected to tabs with 3/4" thread.

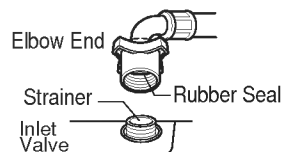
1 Ensure that rubber seals are fitted.

2 Connect the cold inlet hose having the blue end or blue markings.

- Attach the straight end of the cold hose to a cold water tap and then screw it tightly so that water will not leak.

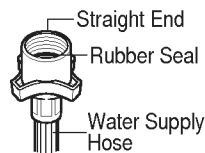


- Attach the elbow end of the cold hose to the cold valve inlet with the blue strainer and then screw it tightly so that water will not leak.

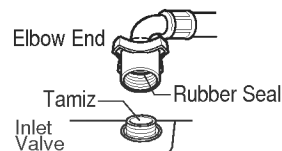


3 Connect the hot inlet hose having the red end or red markings.

- Attach the straight end of the hot hose to a hot water tap and then screw it tightly so that water will not leak.



- Attach the elbow end of the hot hose to the hot valve inlet with the red strainer and then screw it tightly so that water will not leak.



4 Make sure that the hose nuts are tight.

- It's the owner's responsibility to connect the inlet hoses so that water will not leak.

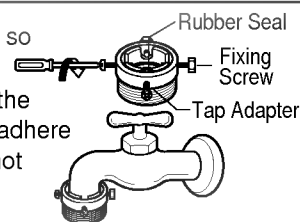


Connecting tap adapter(Optional)

For connecting the inlet hose to taps without thread the tap adapter is provided optionally on some models.

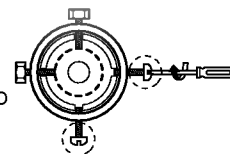
1 Unscrew the fixing screws of the adapter.

- Unscrew the 4 fixing screws of the tap adapter so that the tap can be placed in the middle. Push the connector vertically upwards so that the rubber seal within the adapter can completely adhere to the tap. (Take care that the rubber seal will not come off while pushing.)



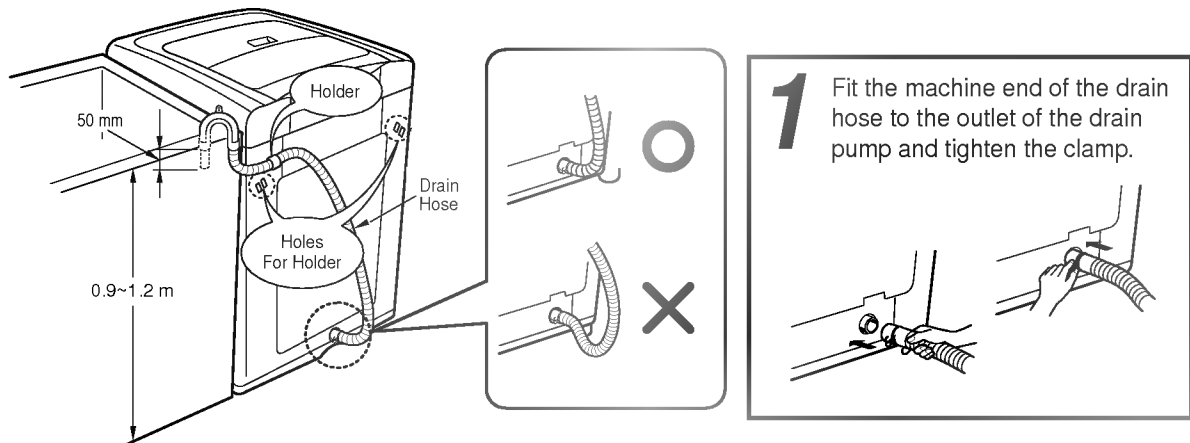
2 Fix the tap adapter to the tap.

- Place 2 fixing screws towards the wall and tighten them by hand or with a screwdriver to fit the size of the tap diameter. Then tighten the indicated 2 screws to fit the tap.

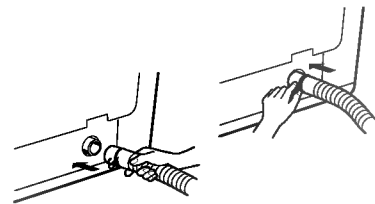


After fixing the tap adapter connect the inlet hose according to the above instruction.

How to install the drain hose



1 Fit the machine end of the drain hose to the outlet of the drain pump and tighten the clamp.



2 Put the other end of the drain hose over the standpipe or wash tub.

3 Fit the plastic holder into either holes for the holder at the rear of the machine. The holder is possible to fit at either direction according to location of the standpipe. Make sure that the holder keeps firmly the drain hose so that the drain hose should not fall down as shown in the fig.

NOTE :

- To prevent syphoning, the drain hose should not extend more than 50 mm from the end of the hose guide.
- The discharge height should be approximately 0.9~1.2m from the floor.



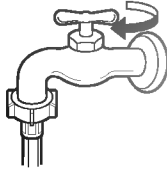
- Do not install the washer where it is directly exposed to sunlight, wind, rain etc.
- Plug the power cord of this washer into a properly installed standard power point that is switched & earthed.
- Permissible water temperature : Max 70°C(160°F)
- Permissible water pressure : Max 116psi (800kpa, 8kg/cm²), Min 4psi (30kpa, 0.3kg/cm²)
- If water temperature & pressure is greater than above, it may cause damage to the machine. If you have uncontrolled water temperature & pressure you should fit a temperature & pressure relief valve to ensure that water temperature & water pressure remains within the safe limits. Consult a plumber or electrician if you are unable to adjust water temperature and pressure.
- Do not over tighten the coupling nuts with a tool. inlets are plastic : Do not strip or crossthead.

When the water supply is bad, check substances like stone or sand in the filter.
If the filter is clogged with dirt, water cannot flow into the washer. Clean the filter regularly.

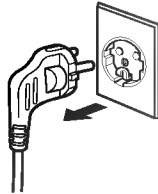
Cleaning the filter in the inlet valve

Before cleaning the filter in the inlet valve, completely remove the water remaining in the water hose.

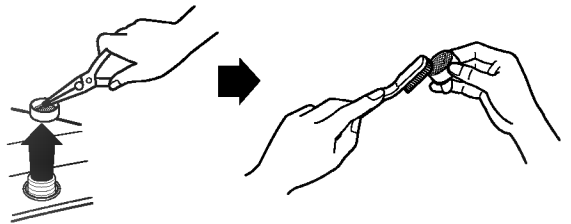
- 1 Turn off the faucet and press the power switch.
2 Select cold & hot water and press START/PAUSE button. Let the washer operate for 5 seconds.



- 2 Switch off the washer and disconnect the power cord.



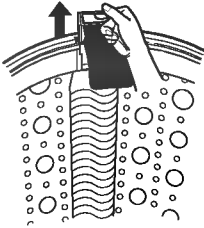
- 3 Disconnect water hose, and remove filter from the inlet valve by hand or with tools. Remove dirt with a tooth brush, etc.



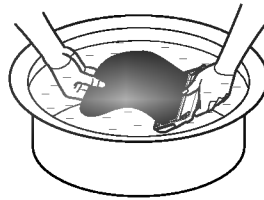
● Then insert it back into the water inlet.

Cleaning the lint filter

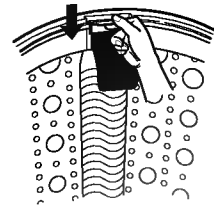
- 1 Press and then pull forward the lint filter from the washing tub to the arrow direction.



- 2 Turn inside out and wash it to remove dirt.



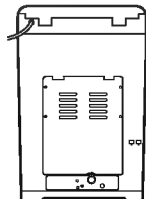
- 3 Insert it back into place ("Click").



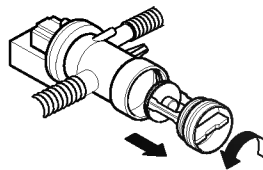
● When the lint filter is worn out, etc., contact a LG Service Center for new one.

Cleaning the pump casing (when drainage is bad)

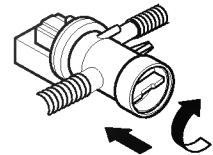
- 1 Unfasten 2 screws of the back cover.



- 2 turn the cap to the arrow direction and unfasten it.



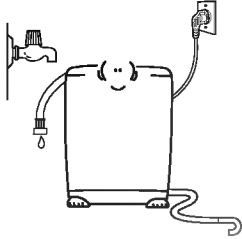
- 3 Reassemble the cap to the arrow direction and fasten it.



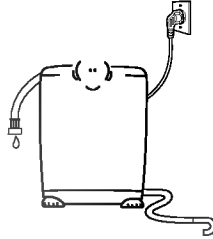
● CAUTION : Check it over if water leaks after reassembling.(Rubber ring is in the cap)

To prevent freeze in winter

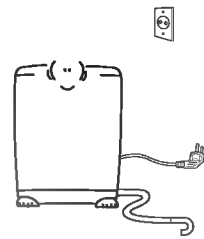
1 Close faucet and remove the water hose. Direct the hose toward the bottom and completely remove water from the hose.



2 Press the SPIN button and let it spin for 1 min. to remove water from the tub and drain hose.

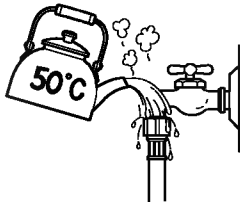


3 Unplug the power cord.

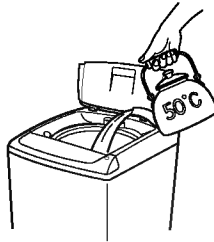


When frozen

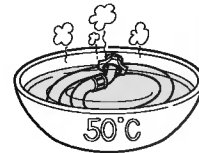
1 Pour 50°C of hot water on the faucet and remove the water hose.



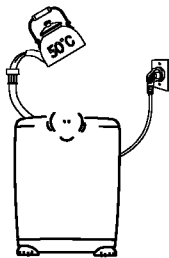
2 Pour 50°C of hot water inside the tub and leave it for 10 min.



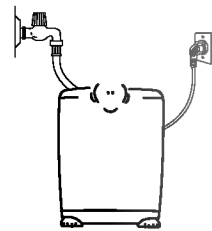
3 Submerge the separated hose in 50°C of hot water



4 Connect the water hose to the washer and then start the washer. Pour 50°C of hot water into the water hose. Connect the water



5 hose to the faucet and check if water is draining.



☛ **Stainless steel inner tub won't be rusted.**

However, external rust may cling to it in the following causes:

- Metal product (like hairpin, etc.) that can be rusted is left inside the tub for a long time.
- Water with a lot of iron substance is used for a long time.
- Water or chlorine type bleach is left inside the tub for a long time.

☛ **If rust is found, soak sponge or soft cloth with cleaner (neutral cleaner) and wipe the rust. (Never use metal sponge)**



When there is a fear of freezing

- Close the water taps and remove the Water Supply Hose.
- Remove the water which remains in the water supply.
- Lower the drain hose and drain the water in the bowl and the drain hose by spinning.

If frozen

- Remove the water supply hose, and immerse it in hot water at approx.. 40°C.
- Pour approx.. 2 liters of hot water at approx.. 40°C, into the bowl and let it stand for 10 minutes.
- Connect the water supply hose to the water tap and confirm that the washing machine performance the supply and drainage of water.

Wash Inner-tub Leave the lid open after washing to allow moisture to evaporate. If you want to clean the inner-tub use a clean soft cloth dampened with liquid detergent, then rinse. (Do not use harsh or gritty cleaners.)

Inlet Hoses Exterior Hoses connecting washer to faucet should be replaced every 5 years. Immediately wipe off any spills. Wipe with damp cloth. Try not to hit surface with sharp objects.

Long Vacations Be sure water supply is shut off at faucets. Drain all water from hoses if weather will be below freezing.

Scrud

Scrud is the name given to the waxy build-up that can occur within any washer when the fabric softener comes into contact with detergent. This build-up is not brought about by a fault in the machine.

If scrud is allowed to build-up in the machine it can result in stains on your clothes or an unpleasant smell in your washer. **If you wish to use fabric softener we recommend.**

If you wish to use fabric softener we recommend:

- Clean your machine regularly
- Cold water washing increases the chance of this build-up occurring. We recommend a warm or hot wash at regular intervals e.g. approx. every 5th wash.
- Fabric softener of thinner consistency is less likely to leave residue on the dispenser and contribute to a build-up.




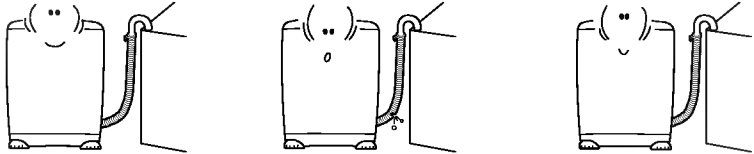




Cleaning the inside of your washing machine

- If you use fabric softener or do regular cold water washing, it is important that you occasionally clean the inside of your machine
- Fill your machine with hot water. Add about two cups of a powder detergent that contains phosphate.
- Select Wash cycle and operate. Repeat it 2 or 3 times.
- Stop the machine, open the lid, and leave it to soak overnight.
- After soaking, drain the machine and run the machine through a regular cycle.
- We do not recommend that you wash clothes during this procedure.




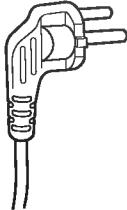

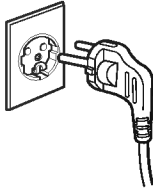
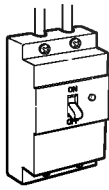



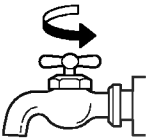

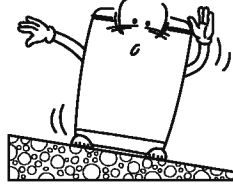
Products that might damage your washing machine

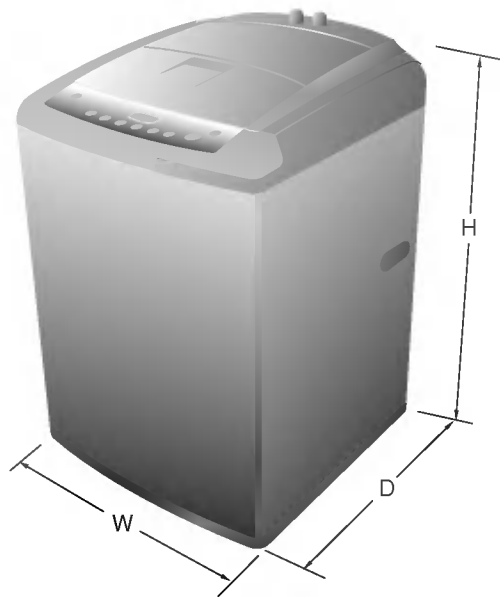
- Concentrated bleaches and diaper sanitizer will cause damage to the paintwork and components of your washer.
- Hydrocarbon solvents i.e. petrol, paint thinners and lacquer thinners, etc. can dissolve plastic and blister paint (Be careful when washing garments stained with these solvents as they are flammable DO NOT put them in washer or dryer.)
- Some pretreatment sprays or liquids can damage your washer's control panel.
- Use of dyes in your washer may cause staining of the plastic components. The dye will not damage the machine but we suggest you thoroughly clean your washer afterwards.
We do not recommend the use of dye strippers in your washer.
- Do not use your washer lid as a work surface.

If an abnormal symbol appears in the display window, check the following before asking for service.

<p>Abnormal faucet</p> 	 <p>Is the faucet closed abnormally?</p> <p>Is the faucet frozen? Is water supply discontinued?</p> <p>Is the water pressure lowered or the filter clogged?</p> <p>Is hot water selected when only a cold water hose is connected to the cold valve? (In this case, select cold water.)</p>
<p>Abnormal drainage</p> 	 <p>Check if electric power has gone off.</p> <p>Check that the drain hose is not twisted or kinked?</p> <p>Is the drain hose hung properly?</p>
<p>Abnormal spin</p> 	 <p>Is the laundry gathered to one side?</p> <p>Is the washer tilted?</p>
<p>Opened lid</p>  <p>(At this time, buzzer sounds without lamp indication)</p>	 <p>Is the lid closed? If the lid is open, alarm is generated and rinse and spin cannot be proceeded.</p> <p>Is the lid closed after setting delayed washing? If the lid is opened, delayed washing cannot be proceeded.</p>



Abnormal level sensing 	Ask for service center		
Abnormal level power 			
Abnormal level overflowing 			
No power 	AUTO OFF  Is the power switch pressed?	 Is the power plug firmly connected?	 Is power supply is correct? Is the short-circuit breaker closed?
No operation 	 Is the lid closed and the START/PAUSE button is pressed?	 Is the tub filled with required amount of water?	 Is the faucet closed?
Excessive vibration and noise during spin 	 Is the washer installed on firm and level surface?		
Water supply and rinse after pausing it during rinse or spin.	<ul style="list-style-type: none">● It is normal, the washer is automatically correcting the laundry gathered to one side.● No special action is needed.		



- Dimensions : 625 (W) × 625 (D) × 1007 (H) mm
- Weight : 47kg
- Water pressure : 30 - 800Kpa (0.3 kg f /cm² - 8 kg f /cm²)

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

