



Washing Machine

OWNER'S MANUAL

MODEL : WF-1011STP



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.

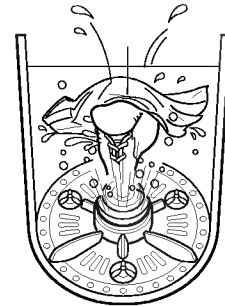


Product Features



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.



Strong showering water supply

- Strong showering removes detergent and naps to ensure improved rinsing effects.



Double devices for removing naps

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



High-intensity stainless inner-tub

- Spin bumpy side wall of the inner-tub, together with rhythmic waves improve washing power by beating and rubbing the laundry.
- Speed up the results to improve drying.



Strong spin

- By employing a strong spin method, laundry becomes much cleaner.



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Safety Measure

Manufacturer is not responsible for accidents caused by the user as a result of not following the user's guide

In Operation

- Do not insert the hand inside the inner-tub during operation. Hands may get caught in the laundry.
- If the machine does not stop operating up to 15 seconds after opening the lid, stop using the machine and contact A/S center for repair.



Installation Area

- Avoid area exposed to snow, rain, or where humidity is high. Avoid water-contact to the switch area. It may cause electric shock or malfunction.



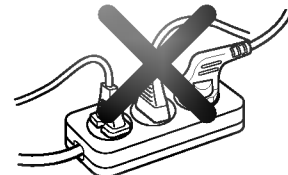
Children's Safety

- Do not let children climb on top of the machine or climb into the inner-tub.
- Do not let children insert the hand into the bottom of the machine where is a revolving part. Injury may occur!



Electric Outlet

- Avoid connecting several electric devices into a single outlet. It may cause a fire.



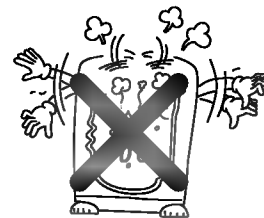
Volatile Material

- Do not wash or dry clothes stained with volatile material such as Benzene or thinner. It may cause an explosion, fire or burn.



Hot Water

- Avoid using hot water over 70°C. It may deform plastic parts or cause malfunctions.



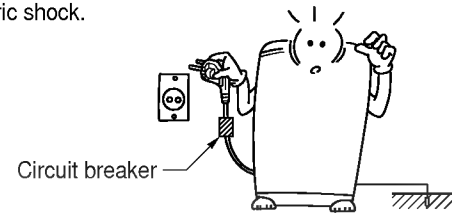
Heat

- Avoid electric heaters, candles, cigarette lighters, bug smokers, etc., near the machine. It may ignite or deform plastic parts.

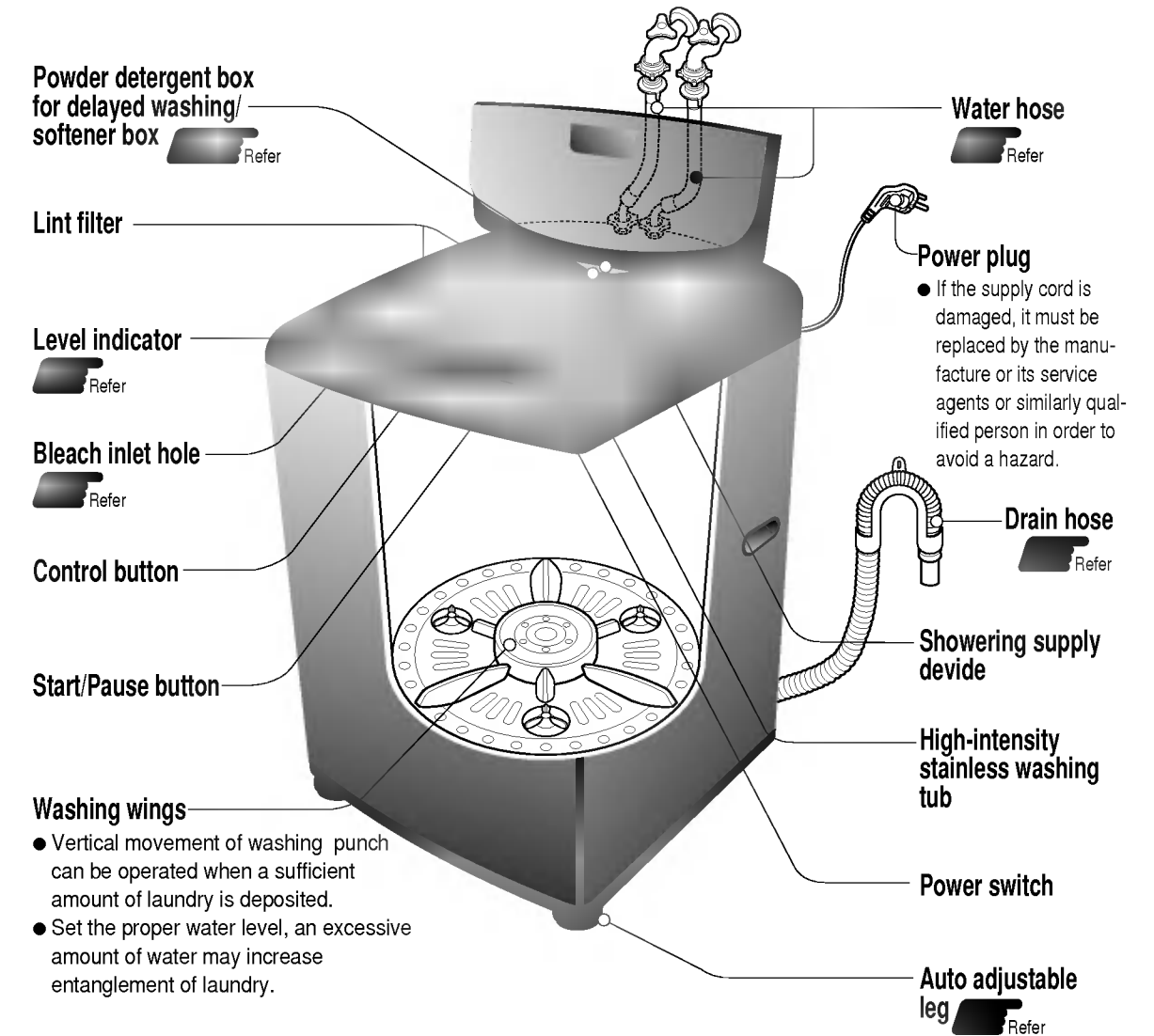


Grounding

- Before connecting the power cord, make sure to ground or connect a circuit breaker. Refer
- Otherwise, it may cause electric shock.

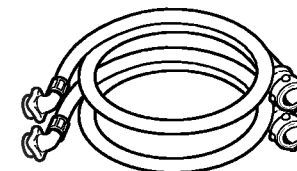


Name of Each Part

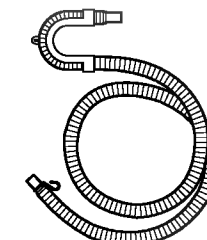


Power plug
 ● If the supply cord is damaged, it must be replaced by the manufacture or its service agents or similarly qualified person in order to avoid a hazard.

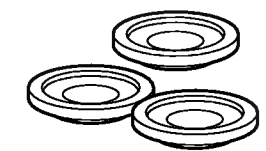
Accessories



Water hose(2EA)



Drain hose



Height adjusting plate(3EA)

Name of Each Part

Function of Each Button

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).

How to use delayed washing

- 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.

Detergent deposit display


- Upon loading laundry, it displays the correct amount of detergent to be added according to the amount of laundry (based on concentrated detergent).

Wash process display

- Indicates the current washing status.
- Next step is lit, current step blinks and finished step is turned off.

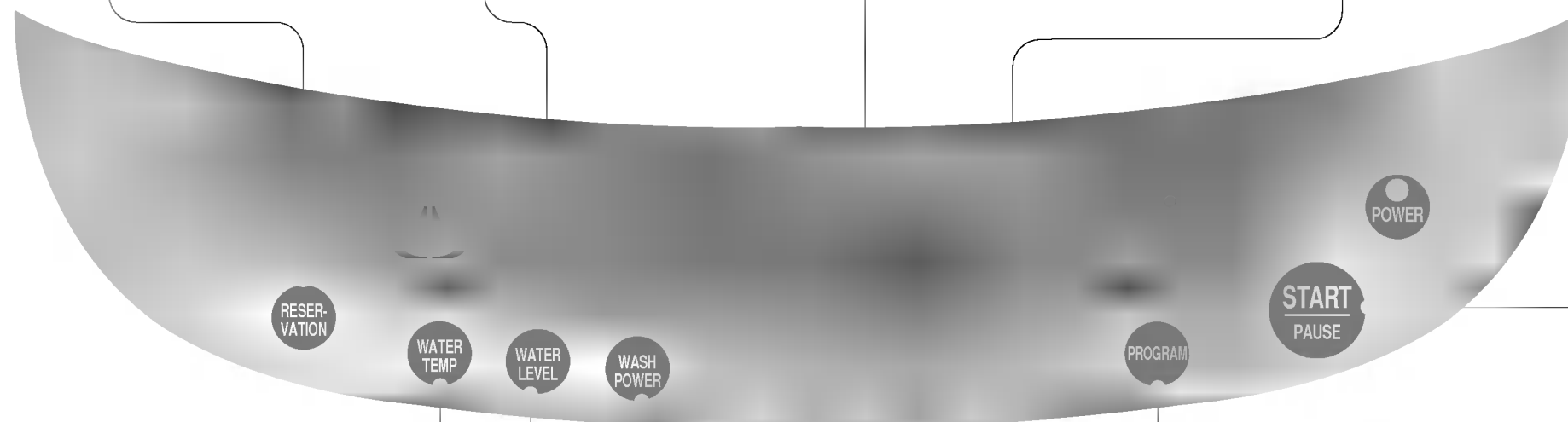
NOTE In contents of display part the meanings of M, T, M are minutes, times and minutes.

Displaying abnormal operation

- In case of abnormal operation, the following indications are displayed.
 - Abnormal water supply** : INLET Er. lamp blinks.
 - Abnormal drainage** : DRAIN Er. lamp blinks.
 - Abnormal spin** : SPIN Er. lamp blinks.
 - Abnormal water level sensing** :  displayed.
 - Abnormal lid open** : DOOR Er. lamp blinks.

Start and temporary pause

- 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.







How to select temp.

- 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.)


How to adjust the water level

- By pressing the button, it cycles [LARGE → LARGE • EX-LARGE → EX-LARGE → SMALL → SMALL • MEDIUM → MEDIUM → MEDIUM • LARGE → LARGE]
- At FUZZY and JEAN 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.

Wash power

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

How to select a washing program

- Use it to select washing programs.
- By pressing the button, it cycles [FUZZY → FUZZY + SOFTENER → BLANKET → BLANKET + SOFTENER → ECONOMY → ECONOMY + SOFTENER → JEAN → JEAN + SOFTENER → WOOL → WOOL + SOFTENER].
- SOFTENER setting indicates when to insert fabric softener during the final rinse. 

For manual wash, rinse and spin

Wash:

Use it to change washing time.
By pressing the button [15min → 17min → 21min → 25min → 40min → 60min → 90min → OFF → 3min → 6min → 9min → 12min → 15min] SOAKING is used to remove old or hardened dirt more effectively. Soaking time is about 40, 60, 90minutes (You cannot choose in WOOL program.)

Rinse:

Use it to change the frequency of rinses.
By pressing the button, [rinse 1 → rinse 2 → rinse 3 → rinse 4 → rinse 5 → off → rinse 1] are repeated.
When you select rinse only, the operation starts with water supply.

Note

When rinsing or spinning only, FUZZY is set to [LARGE] and ECONOMY is set to [MEDIUM] and BLANKET is set to [EX-LARGE] automatically. Adjust the water level as needed.

Spin:

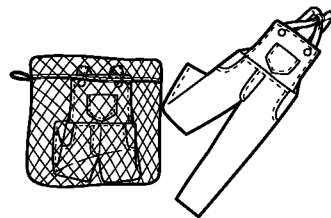
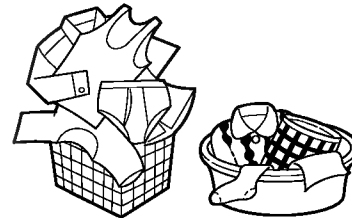
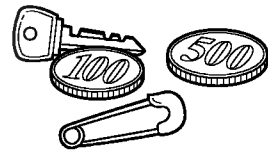
Use it to change the spinning time.
By pressing the button, [6min → 8min → OFF → 1min → 2min → 4min → 6min].

Care Before Washing

Sensing laundry amount and displaying water level

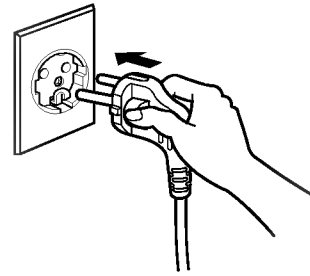
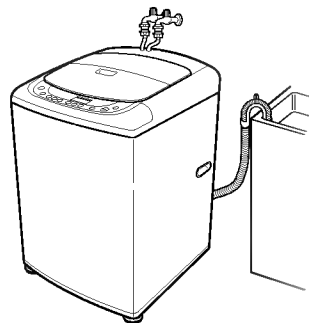
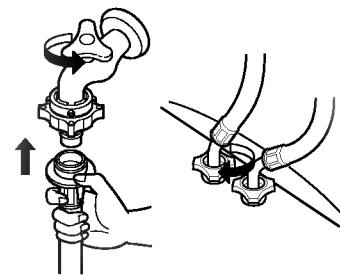
§ Laundry Handling

- Check pockets for any articles (They may damage clothes or the washer).
- Brush off dust and soil from clothes.
- Check the label of the garment's 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.



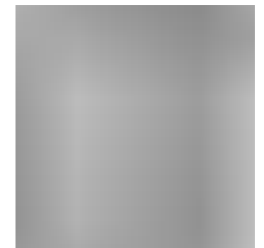
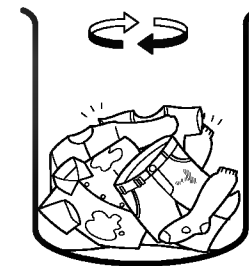
§ Preparation for Washing

- 1 Connect the water hose and then open the faucet.**
- 2 Lower the drain hose.**
- 3 Connect the power plug to the wall outlet.**



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- 1 Deposit laundry and press the START/PAUSE button.**
- 2 Without water, the pulsator turns to the left and right for about 4 seconds to sense the amount of laundry.**
- 3 A proper water level and the amount of detergent is displayed.**



- If either the inner-tub contains water or the laundry is wet, water level may be different from the initial set level. (It is not malfunctioning. It is the proper water setting for laundry.)
- Bulky and light laundry may cause a water level lower than usual. In this case, manually adjust the water level.

§ Example of deposition of detergent deposit based on the indicated amount.

- The following indication of the amount of detergent is based on a concentrated detergent. (1 detergent cup: around 40g)



**In case of small water level:
concentrated detergent(3/4 cup).**

- Regular (high-density) detergent uses 1.5 times as much as the indicated amount.

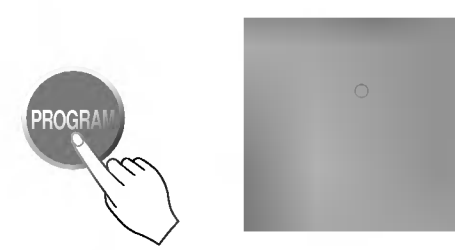
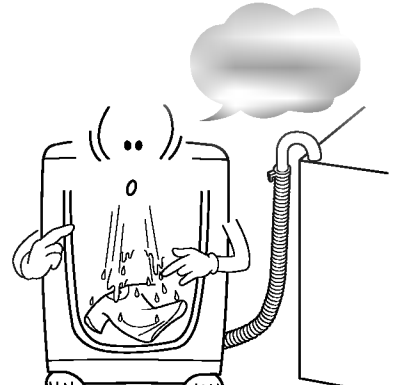
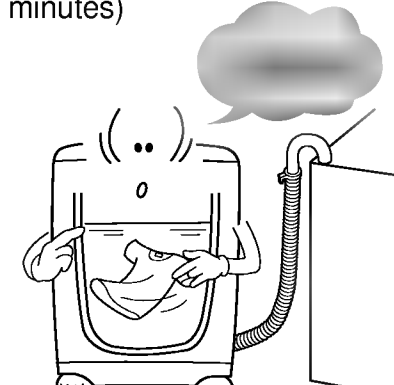
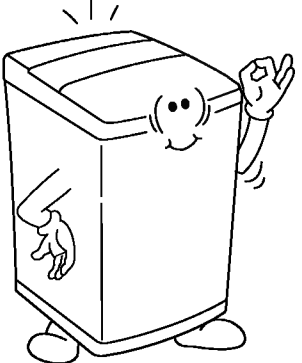


Sensing laundry amount and displaying water level

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What is the Softener Program?

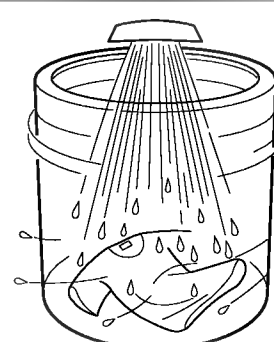
The washer sounds 'boo-' during the final rinse to indicate the time for deposition of fabric softener. (If you are not present after selecting softener program, washing completes normally without deposition of fabric softener.)

<p>1 Select [Program+Softener].</p>  <ul style="list-style-type: none"> ● Press the program button to select [PROGRAM AND SOFTENER] simultaneously. 	<p>2 When the final rinse starts...</p>  <ul style="list-style-type: none"> ● When the water supply starts to rinse, boozer sounds 20 times to indicate the time to deposition the fabric softener. ● Now open the lid, deposit directly fabric softener in tub and then close the lid. The rinse will start after the water supply is completed. 	<p>3 After the final rinse water supply (If you did not deposit fabric softener after the first boozer sound, the boozer sounds for the second time, and the washer waits for 3 minutes)</p>  <ul style="list-style-type: none"> ● If you did not deposit fabric softener during the first indication, deposit it during the second indication. ● If you deposit fabric softener and press the START/PAUSE button, rinse starts immediately (You don't have to wait for three minutes). 	<p>4 Washing is completed.</p> 
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What is the Softener Program?



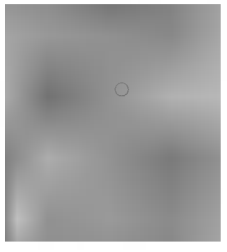


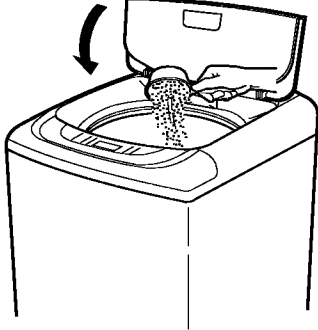
What is Showering Water Supply?

This function is to remove substances like wastes of detergent and naps.

	<ul style="list-style-type: none"> ● This function operates before rinsing, after washing and draining (At this time, water supply and draining are performed at the same time). ● Showering water supply function is performed before each rinse. 	<p>NOTE</p> <ul style="list-style-type: none"> ● If you did not select [SOFTENER] program, fabric softener would be input automatically with boozer at last rinse. ● To supply fabric softener automatically, deposit proper amount of fabric softener but less than at the height of softener cap in the softener box before wash. <p>CAUTION</p> <ul style="list-style-type: none"> ● WOOL program does not have showering water supply function. ● The inner-tub may turn during the showering water supply. It is not malfunctioning. ● If you select rinse only, showering water supply function does not operate during the first rinse.
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Fuzzy • Jean Washing

With one-time operation, the washer completes washing cycles by itself. If adjusting wash time, the number of rinses or spin times desired, adjust them in the PAUSE state. If adjusting water level is desired, directly adjust it by pressing the "WATER LEVEL" button.

<p>1 Press the power switch.</p> 	<p>2 Select the desired program.</p>   <ul style="list-style-type: none">● Press program button to select either [FUZZY], [FUZZY+SOFTENER], [JEAN], [JEAN + SOFTENER].	<p>3 Deposit laundry.</p>  <ul style="list-style-type: none">● For laundry with fragile buttons, etc., turn them inside out to prevent damage.	<p>4 Press the START/PAUSE button.</p> 	<p>5 Deposit detergent and close lid.</p> 
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NOTE

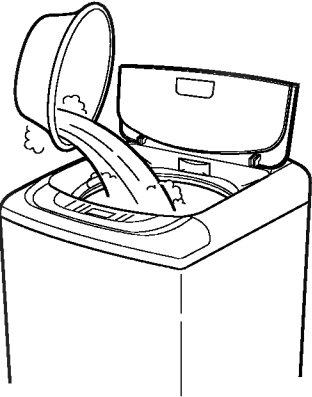
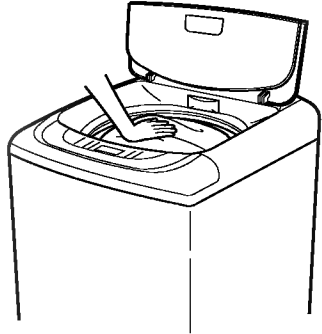


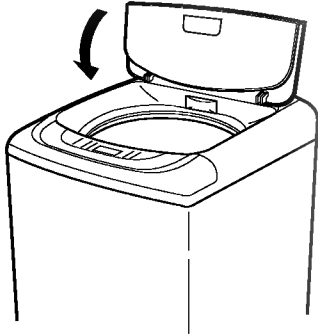

In Fuzzy program.....

- The washer senses the amount and kinds of laundry and sets the most appropriate water current, wash time, number of rinses and spin time by itself.
- While sensing the most appropriate water level, each water level lamp blinks in turn.

NOTE

- If either the inner-tub contains water or the laundry is wet, water levels may become higher. Manually adjust proper water level before operating the washer.
- Bulky and light laundry may cause a water level lower than usual. In this case, manually adjust the water level.
- For laundry that may easily be discolored, do not use [SOAKING] washing.
- Water supply may be resumed about 2 minutes after starting the wash. It is an automatic water level adjustment function.

Blanket Washing

<p>1 Deposit detergent.</p>  <ul style="list-style-type: none"> ● Use the dissolved detergent in water about 30°C. ● Water level is automatically set to [EX-LARGE]. Deposit proper amount of detergent. 	<p>2 Deposit blanket.</p>  <ul style="list-style-type: none"> ● After inserting blanket, press it uniformly for good washing results. 	<p>3 Press the power switch.</p> 	<p>4 Set to BLANKET program.</p>  <ul style="list-style-type: none"> ● Press program button and select either [BLANKET] or [BLANKET + SOFTENER]. ● In this case, the washer will automatically set to [EX-LARGE] water level and [] wash power. 	<p>5 Close the lid.</p>  <ul style="list-style-type: none"> ● If the lid is not closed, the machine cannot start spinning. It also generates the alarm sound. 	<p>6 Press the START/PAUSE button.</p>  <ul style="list-style-type: none"> ● Electric power turns off automatically 10 seconds after the alarm sounds, when washing completely finishes.
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CAUTION

- Never wash electric blanket.
- Use a washing net in case of a cashmere quilt, since its lining may come out of the inner-tub and become damaged.
- When washing light laundry like a cashmere quilt and bedspread at a high water level, a little bit of water may come out of the drain-outlet.
- In case of using a dryer, use BLANKET drying program. For detailed description, refer to the dryer user's guide.
- Never wash carpet in the washer (It may damage the washer and the carpet).

Note: In Blanket Program

Blanket:


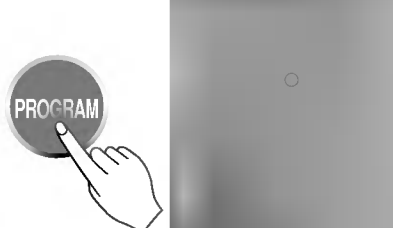


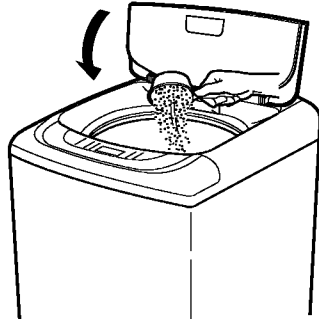
- Blankets made of 100% synthetic fiber with hand washing marks can be washed.
- Kinds:
 - Acryl blanket: 100% acryl(nylon coating)
 - Mixed fabric blanket: cotton+polyester
 - Wool blanket: carded wool blanket
- Weight: Less than 5.0kg for a sheet

Quilt:

- Following quilts with hand washing marks can be washed.
- Fillings:
 - 100% polyester
 - Weight: about 2kg (weight of the whole quilt: less than 3.5kg)
- Size: smaller than 200 × 250cm

Economy Washing

This function can be used for a more efficient rinse.
Use this function to wash diapers or babies' wear.





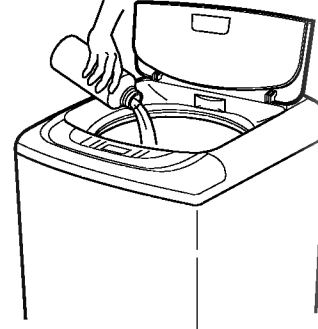
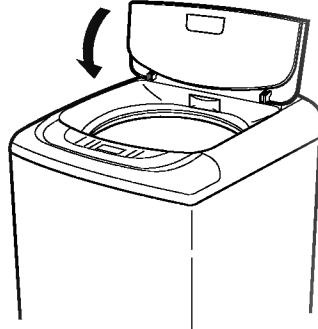
<p>1 Press the power button.</p> 	<p>2 Select Economy program.</p>  <ul style="list-style-type: none">● Press program button and select either [ECONOMY] or [ECONOMY + SOFTENER].	<p>3 Deposit laundry.</p> 	<p>4 Press the [START/PAUSE] button.</p>  <ul style="list-style-type: none">● Insert laundry and press START/PAUSE button. The washer senses the amount of laundry and displays the water level.	<p>5 Deposit detergent and close lid.</p>  <ul style="list-style-type: none">● Pull the powder detergent box forward and deposit displayed amount of detergent on control panel (or detergent usage of brand) Then, push back the box.● During depositing powder detergent, you will hear alarm sound. It is not an error message in reservation washing. Alarm sound reminds you to close the lid.● If the lid is not closed, the machine cannot start spinning. It generates the alarm sound.● If the lid is opened, delayed washing cannot proceed.● In case of reopening the lid during procedure, you must close the lid and press START/PAUSE button two times to run.
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- To protect laundry, do not select [] wash power.
- When using neutral detergent or liquid detergent, deposit proper amount of detergent based on the [Instructions for detergent].

Wool Washing

Use this function to wash delicate and weak laundries like lingerie, wool fabric, etc.

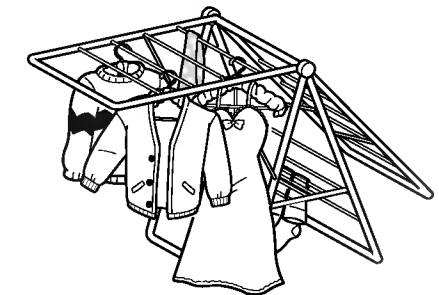
<p>1 Press the power button.</p> 	<p>2 Select WOOL program.</p>  <ul style="list-style-type: none"> ● Press program button and select either [WOOL] or [WOOL + SOFTENER]. 	<p>3 Deposit laundry.</p>  <ul style="list-style-type: none"> ● For laundry with fragile buttons, etc., turn them inside out. 	<p>4 Press the START/PAUSE button.</p> 	<p>5 Deposit detergent</p>  <ul style="list-style-type: none"> ● Use proper kind of detergent according to the type of laundry. 	<p>6 Close lid.</p>  <ul style="list-style-type: none"> ● If the lid is not closed, the machine cannot start spinning. It also generates the alarm sound. ● Electric power turns off automatically 10 seconds after the alarm sounds, when washing completely finishes.
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- Do not select MEDIUM or SMALL water levels. Laundry may get damaged.
- Only cold water is set(Hot water may damage laundry).
- When you use neutral detergent or detergent for domestic dry cleaning, deposit proper amount of detergent based on the 'Instructions for detergent'.
- Use this program for delicate and weak laundries like wool clothes and lingerie(Wash clothes with [WATER-WASHING] marks only).
- Wash less than 2.0kg of laundry at a time.
- Do not wash altogether with white clothes, bright-colored clothes or dark-colored clothes which can be easily discolored.
- Since spin is 'weak' for WOOL program, water may drop even after spinning.

How to dry wool and lingerie clothes



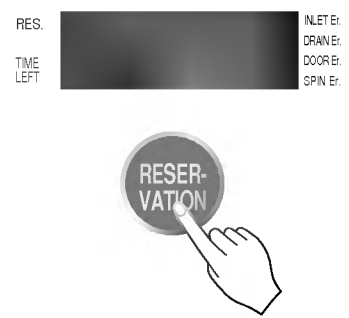

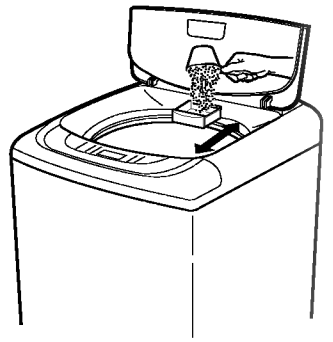
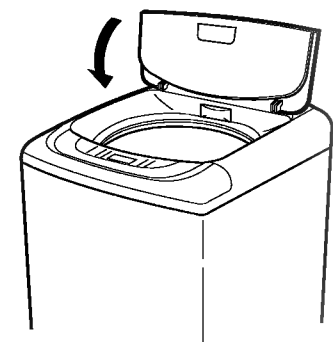
- Spread wool and lingerie clothes on a shady, flat surface.
- In case of using a clothes hanger, wrap the upper portion of the hanger with a towel to maintain the shape of the neck or shoulder section.



- Weak wrinkles after drying can be smoothed out by ironing.

Delayed Washing


This can be used conveniently for the every washing type.
When you want to cancel reservation for delayed washing, switch the power off and start again.

<p>1 Press the power button.</p> 	<p>2 Select a program.</p>  <p>● Select a program except for [WOOL] program.</p>	<p>3 Set the time.</p>  <p>● Press the RESERVATION button to set the time when the delayed washing is completed.</p>	<p>4 Insert laundry and press the START/PAUSE button.</p>  <p>● The washer will automatically set to 'three times' rinse.</p>	<p>5 Deposit detergent in the powder detergent box.</p>  <p>● Deposit detergent based on the indicated amount. ● If the lid is not closed, the machine cannot start spinning and generates the alarm sound.</p>	<p>6 Close lid and press START/PAUSE button two times again.</p> 
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How to set the delay 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.

RES. TIME LEFT  INLET Er. DRAIN Er. DOOR Er. SPIN Er. **14 hours : 7 a.m. ~ 9 p.m.**



- 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, delayed washing cannot be proceed.
- In case of power failure, set again from the beginning.
- According to water supply conditions, washing may be unable to be completed by the preset time.
- Remove any water from the powder detergent box before depositing detergent. Moisture may harden the detergent.
- After setting delay time, you can change the program, wash time, number of rinses, spin time, water temperature and water level.

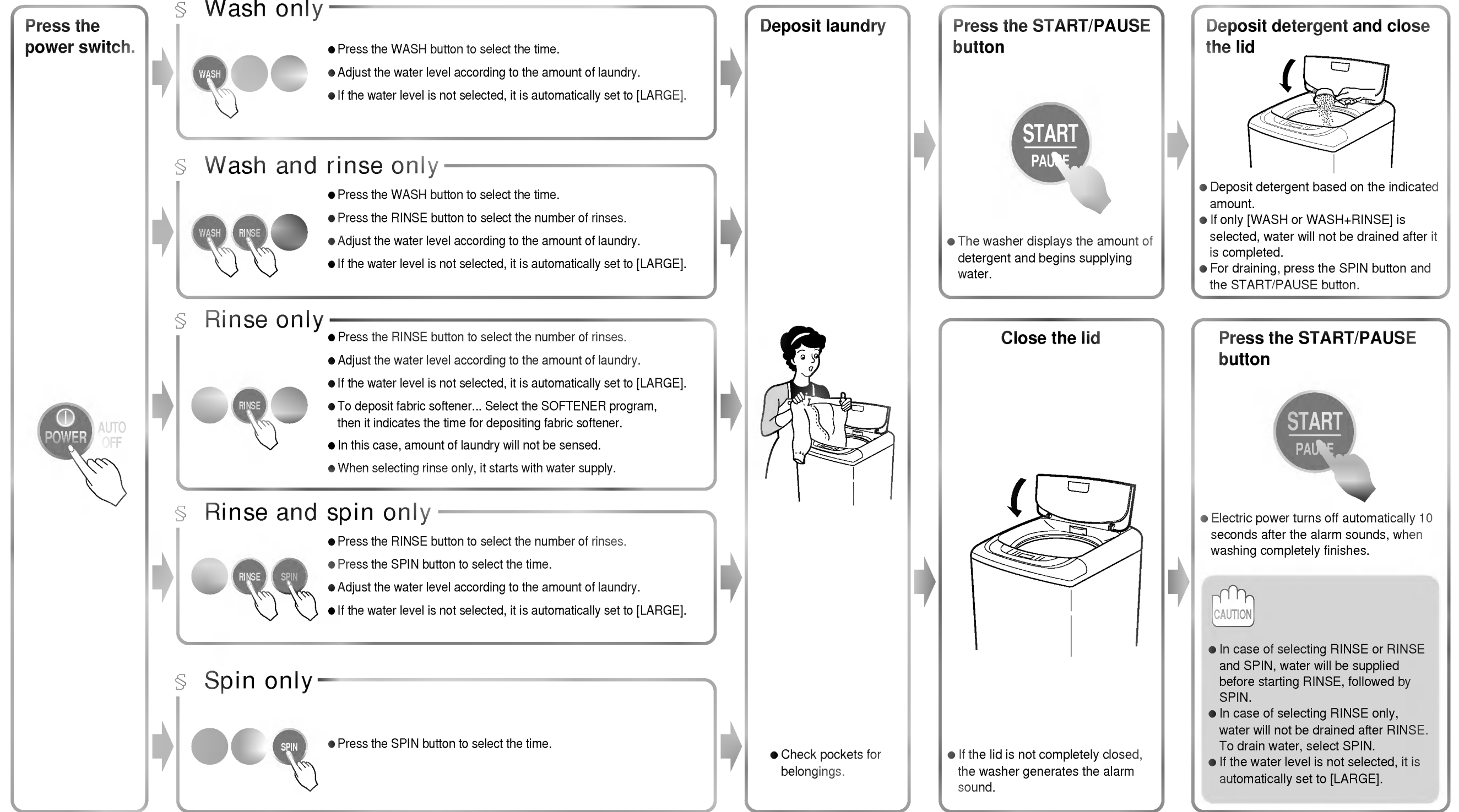


How to wash when you go out

- 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 wrinkles).

Other Washing

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



Water Level and amount of Detergent

WATER LEVEL	AMOUNT OF WATER	AMOUNT OF LAUNDRY	AMOUNT OF DETERGENT	
			REGULAR	CONCENTRATED
EX-LARGE	94 l	More than 7.1kg	About 98g	About 65g
	85 l	Less than 7.0kg	About 85g	About 57g
LARGE	80 l	Less than 5.5kg	About 75g	About 53g
	72 l	Less than 4.2kg	About 65g	About 48g
MEDIUM	65 l	Less than 3.2kg	About 54g	About 44g
	52 l	Less than 2.2kg	About 42g	About 34g
SMALL	45 l	Less than 1.0kg	About 32g	About 29g

- 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.

CAUTION

- If you use laundry soap(natural 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.

Basis of Selecting Each Button

In addition to full-automatic washing, the user can select other functions as desired. When the washer is in operation, pause the washer before making changes.

§ Water supply selection

- By pressing the button, it cycles COLD → HOT, COLD → HOT → COLD.
- Even when only HOT is selected, COLD and HOT water is supplied simultaneously during the RINSE cycle.
- At WOOL program, only COLD water is used.

§ Water LEVEL selection

- Water level is set automatically after sensing the amount of laundry is high or low, press the WATER LEVEL button to change the water level.

§ Wash power selection

Strong		Heavily-stained clothes
Medium		Normally-stained clothes, cotton, yam, synthetic fabric, thin clothes
Weak		Lightly-stained clothes

- * For WOOL program, water current is separately adjusted to a very gentle one to prevent damage to clothes.
- * To dissolve detergent, the washer starts operating at a level which is one step lower than the preset water level.

§ Wash selection

SOAKING	40, 60, 90min	Heavily stained clothes, cotton, yam, synthetic fabric, normally-stained clothes, thin clothes
25	17 - 25min.	Heavily stained clothes, thick clothes, it generates the alarm sound
↑	9 - 15min.	Normal clothes, cotton, yam, synthetic fabric, normally-stained clothes, thin clothes
↓	3 - 6min.	Soft clothes, delicate clothes, lightly-stained clothes
3		Soft clothes, delicate clothes, lightly-stained clothes

- * Actual wash time may differ according to water level.
- * For LINGERIE program, washing wings revolve very slowly(to prevent shrinkage and damage).

§ Rinse selection

Rinse 4, 5	Heavily stained clothes
Rinse 2, 3	Normal clothes, cotton, yam, synthetic fabric, normally-stained clothes, thin clothes
Rinse 1	Lightly-stained clothes

§ Spin selection

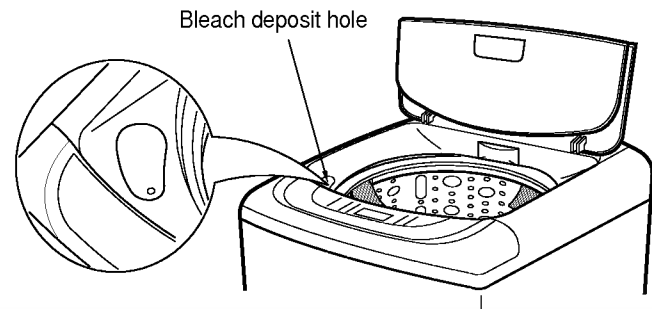
6 ~ 8min.	Thick clothes
4 ~ 6min.	Normal clothes, light clothes, thin clothes
1 ~ 4min.	Soft clothes
1min. at low revolution speed	Clothes to be ironed, delicate clothes

- * For WOOL program, the tub turns very slowly and spins for a very short time (to prevent damage to clothes).

How to Use Bleach/Installing the Washer

§ How to Use Bleach

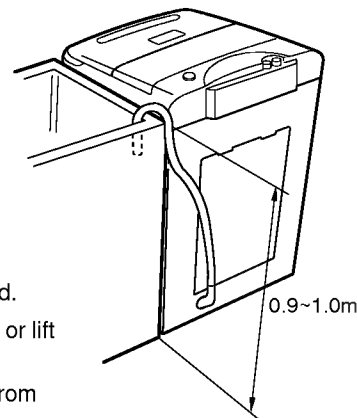
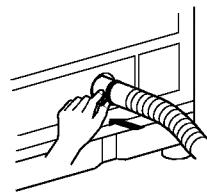
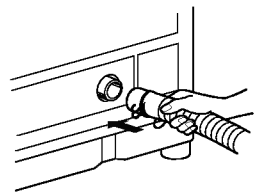
- Always separate clothes to be bleached and then deposit bleach through the bleach deposit hole.
- For powder bleach dissolve it with water and deposit it into the tub. Make sure that the bleach does not touch the laundry.
- * For a detailed description, refer to the "Directions for bleach".



- Do not deposit bleach directly into the laundry (The laundry may get discolored or damaged).
- Separately bleach colored clothes and synthetic textiles.

§ Connect the drain hose

- Connect the drain hose to the outlet of the drain pump located at the rear of the washing machine.
- Attach the clip to the drain hose. And then push it toward the body of the washing machine as indicated by the arrow.
- Check that the drain hose is hung up over the edge of the laundry tub. Do not use an extension hose.



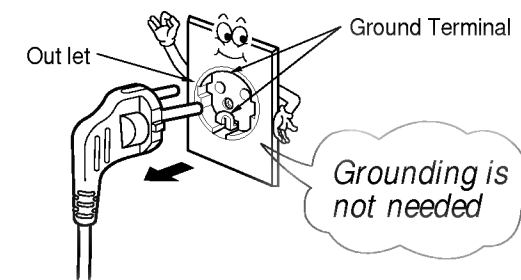
- **NOTE :**
- Never lay down the drain hose, as water will be discharged.
 - Be sure the drain hose is properly routed so it will not kink or lift from the sink.
 - The discharge height should be approximately 0.9~1.0m from the floor.
 - Connect the drain hose adjusting the length of it not to be drooped. If drain hose is dropped the drainage could be poor because of blockage in the hose.

Installing the Washer

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

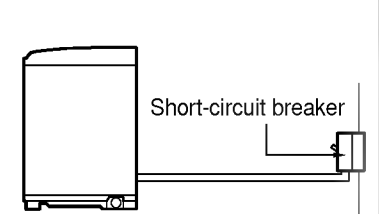
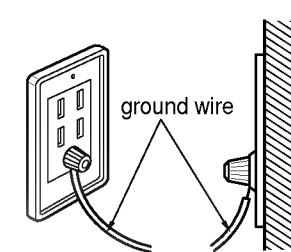
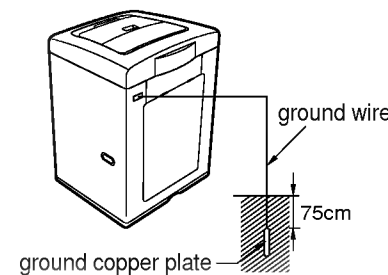
§ How to ground

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



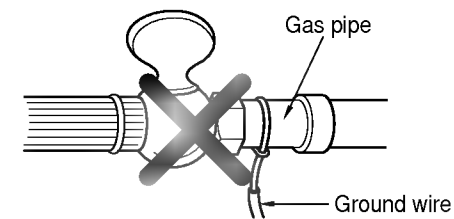
§ Other grounding method

- 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(15mA at operation, 7.5mA at idle) 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.

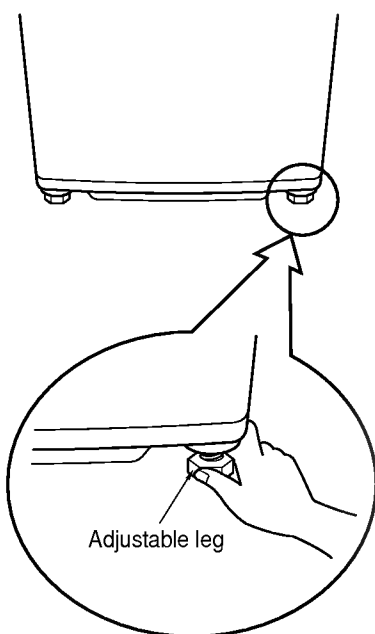


Installing the Washer

Improper installation of the washer may cause noise and malfunctioning.

- CAUTION**
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 4°.

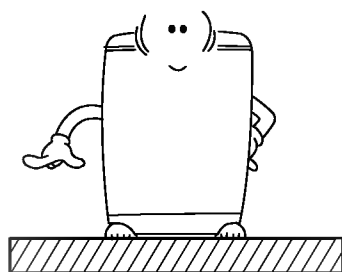
§ How to adjust level



Turn the adjustable legs to set the washer horizontal(2EA).

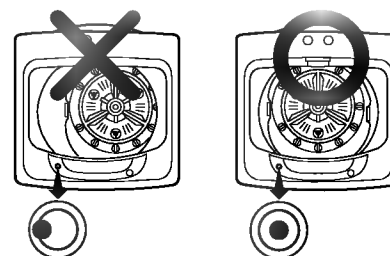
1 Installation area

- Install the washer on flat and firm surface.



2 Checking level

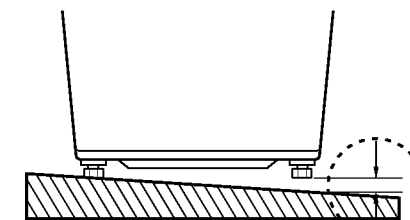
- Open the lid, and check if the washer is correctly leveled by looking down from the top.



- Adjust the drop of the level indicator to the red circle.

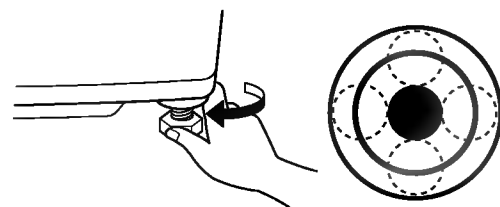
3 Checking slope

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



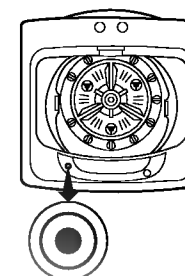
4 Horizontal setting

- 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.



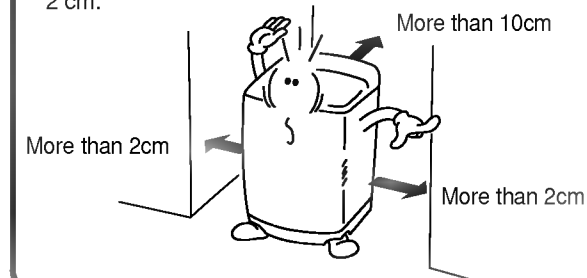
5 confirming level

- 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.



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.



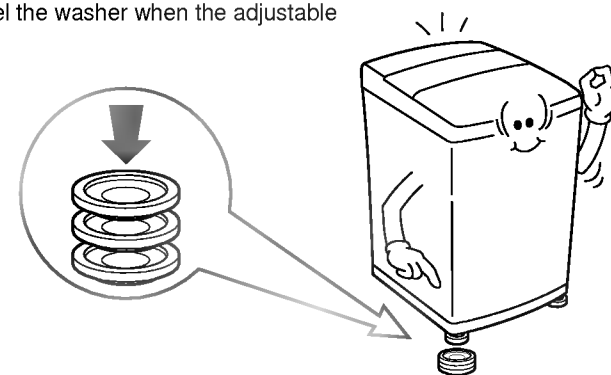
§ Horizontal setting

Location of drop	Cause	How to adjust
	When the front is lower.	• Adjust the front adjusting plate with the adjustable legs(2), or adjust the adjustable legs.
	When the rear is lower.	• Adjust the rear adjusting plate with the adjustable legs(2), or adjust the supporting plate.
	When the left is lower	• Adjust the left part of the front and rear adjusting plates or the supporting plate.
	When the right is lower.	• Adjust the right part of the front and rear adjusting plates or the supporting plate.

(Example) To move the drop of the level indicator by 1.5 mm: Use two adjusting plates and a 10 mm supporting plate, and turn the adjustable legs 2-3 times.

How to use the adjusting plates

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





Installing the Washer


§ Connect the inlet hose

● How to connect the hose of one touch type

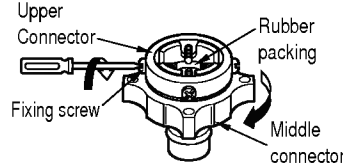
Used the horizontal faucet.

Horizontal faucet 

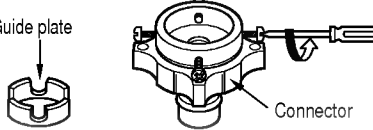
Extension faucet 

Square faucet 

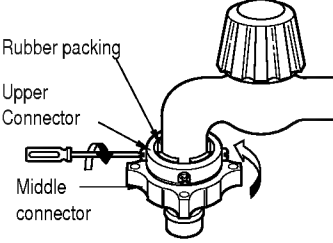
1 Untighten the upper connector screw.



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

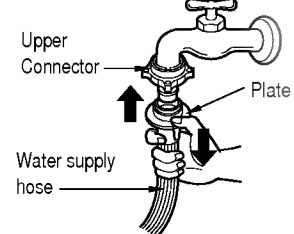


2 Push the upper connector up till the rubber packing is in tight contact with the faucet. Then tighten the 4 screws.



- Turn the middle connector not to have water leaked.

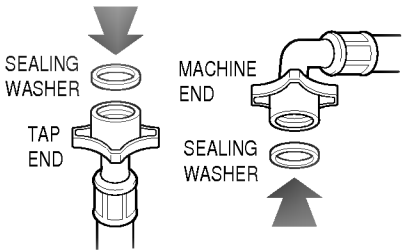
3 Connect the water supply hose to the middle connector, pushing the plate down.



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

● How to connect the hose of Nut type

- Place sealing washers into the straight ends of the inlet hoses and connect to taps.
- Place sealing washers into the elbow ends of the inlet hoses and connect to machine inlet valve.
- The inlet hose and the inlet valve with orange-colored end is for hot water and the inlet valve with blue colored end is for cold water.
- After securing the inlet hose check hose connections for leaks and correctness, cold to cold and hot to hot.



CAUTION

- 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.

Maintaining the Washer

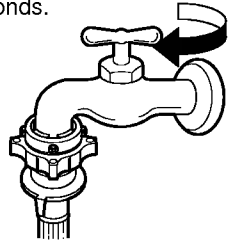
When the water supply is bad, check substances like stone or sand in the filter.
If the filter is clogged with dirt, water cannot flow into the washer. Clean the filter regularly.

§ Cleaning the filter in the inlet valve

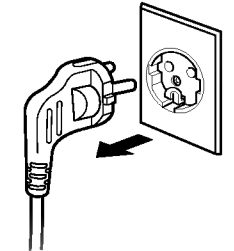
Before cleaning the filter in the inlet valve, completely remove the water remaining in the water hose.

1 Turn off the faucet and press the power switch.

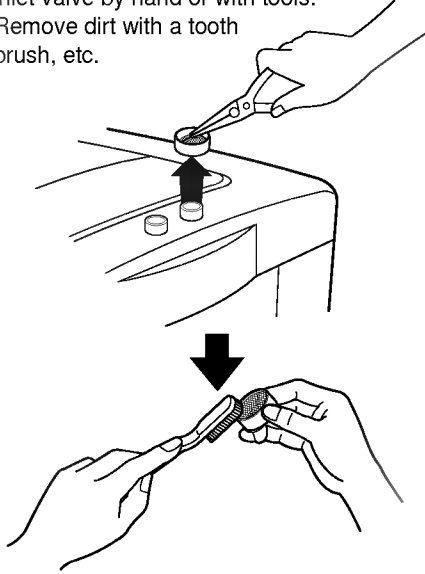
- Select cold & hot water and press START/PAUSE button. Let the washer operate for 5 seconds.



2 Switch off the washer and disconnect the power cord.



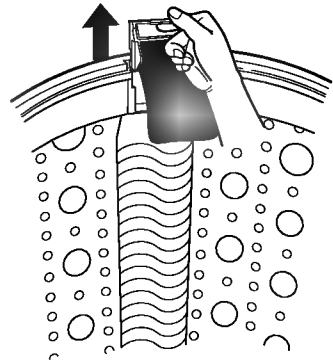
3 Disconnect water hose, and remove filter from the inlet valve by hand or with tools. Remove dirt with a tooth brush, etc.



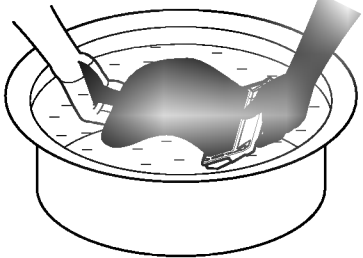
- Then insert it back into the water inlet.

§ Cleaning the lint filter

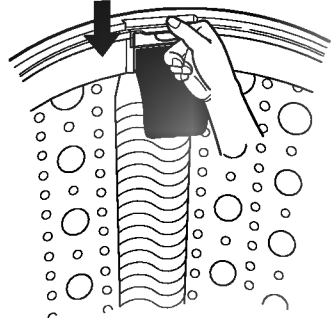
1 Press and then pull forward the lint filter from the washing tub to the arrow direction.



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 a new one.

Maintaining the Washer

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

CAUTION ❖ "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)"



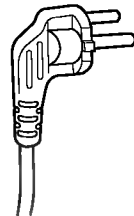

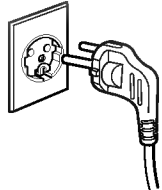
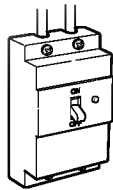



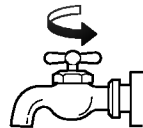


Troubleshooting

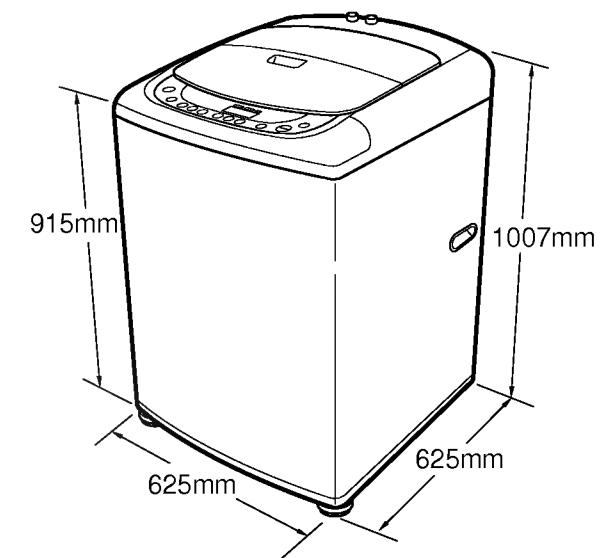
If an abnormal symbol appears in the display window, check the following before asking for service.

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

Troubleshooting

Specification

SYMPTOM	ITEM TO BE CHECKED
Abnormal level sensing 	Ask for service center
Abnormal level power 	
No power 	 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 	 <p>Is the washer installed on firm and level surface?</p>
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.



- Water pressure : 30~800kPa (0.3kgf/cm²~8kgf/cm²)
- Revolution speed of the wings : 120rpm
- Revolution speed of the tub : 650^{±50}rpm
- Weight : 47kg
- Dimension : 625mm(W) × 625mm(D) × 1007mm(H)
- Standard water amount : 94 ℓ
- Standard water consumption : 260 ℓ (2 Rinses)

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