Washing Machine
OWNER'S MANUAL

MODEL : WF-T854A, T902A

Please read this manual carefully before operating your washing machine and retain it for future reference.

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CAUTION **"Turbo Drum" washer doesn't operate while the lid is open. If the lid is opened during the wash, rinse and spin cycles, the operation stops for safety.**

Fuzzy logic control

- A load sensor & a micro processor in the controller detect laundry load and set optimum washing conditions such as water level, wash time etc.
- The most advanced technology in electronic control system provides the best washing performance.



Turbo drum washing

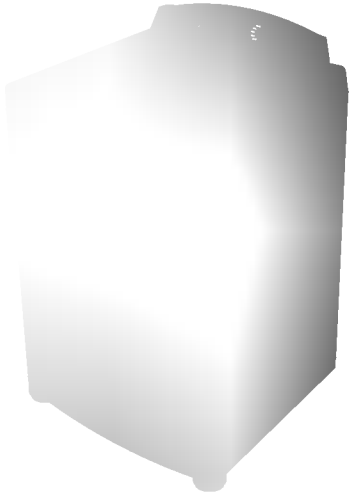
- The "punch + 3" washing wings and the washing tub turn in opposite directions. This makes the water current flow in two directions which improves washing efficiency.
- The wash performance is also improved by the water which continually cascades into the wash bowl from small waterfalls in the washing tub.



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.





3 Step washing

- 3 step washing produces the best washing performance with low tangling.



Rubbing → **Rubbing and Shaking** → **Shaking and Disentangling**

Device for removing naps

- Lint filter catches naps and thread generated during washing to make the laundry cleaner.



IMPORTANT SAFETY PRECAUTION

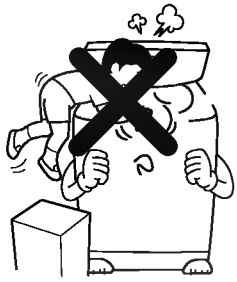
❑ Never touch the clothes in the bowl during operation or until the while bowl stops rotating.

● Even when rotating slowly, the clothes may wrap around your fingers, which is dangerous.



❑ The appliance is not intended for use by young children or infirm persons without supervision.

❑ Young children should be supervised to ensure that they do not play with the appliance.



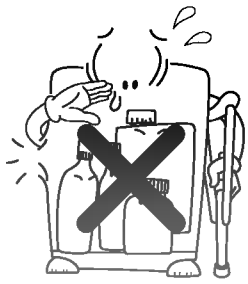
❑ Don't put hand(s) under the washer during operation.

● Rotating parts may injure your hand(s).



❑ Don't put kerosene, gasoline, benzine, thinner or clothes containing these chemicals into the washer.

● An explosion might result.



❑ Keep washer away from fire(a heater, burning cigarette, etc.).

● The washer may be deformed or a fire may break out.

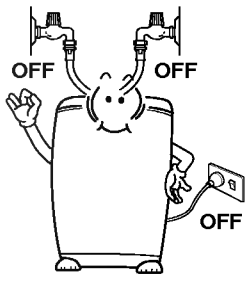


❑ After washing

● Close the water tap.

● Turn the POWER button "OFF" at the wall power outlet, if you will not be using the machine for a long period of time.

※ To prevent water leakage, fire, electric shocks, etc.



IMPORTANT SAFETY PRECAUTION

❑ Don't rest jean objects on or apply pressure to the lid.

● Don't bend the lid forcibly, as it may break.



❑ Don't press the switches and/or the panel with a sharp object, the pencil.

● Switch and/or panel damage or a malfunction may result.



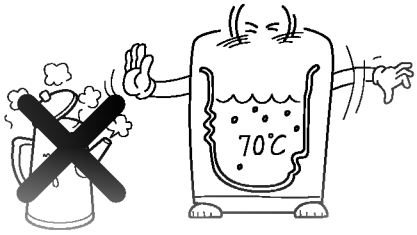
❑ Don't install the washer where it would be exposed to direct sunlight.

● Plastic parts and the painted cabinet may be deformed and/or fade.



❑ Don't use excessively hot water. (above 70℃)

● Plastic parts of the washer may be deformed or damaged.



❑ Don't spin-dry starched clothes.

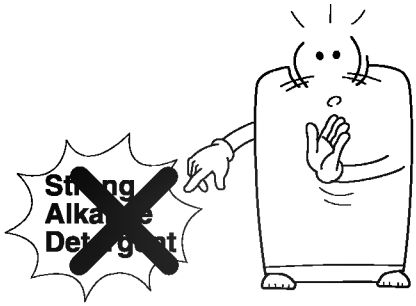
● If spined by mistake, operate the washer without load with only half the normal amount of detergent.

● Otherwise, starch adhering to the bowl may soil other clothes.

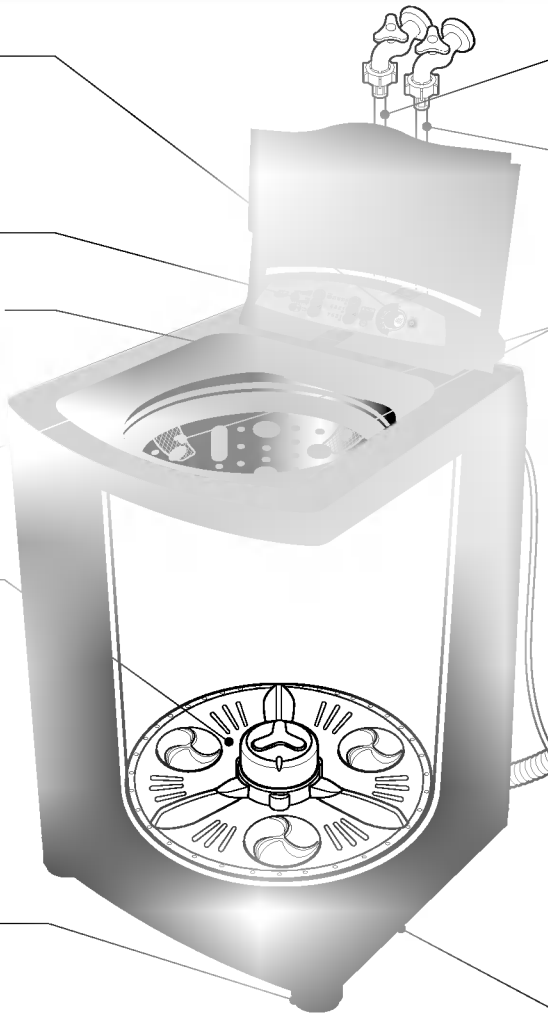


❑ Don't use strong alkaline detergents.

● The rubber parts may be damaged.



MACHINE PARTS



START/PAUSE BUTTON
Use to start or stop the washing machine temporarily.

FUNCTION SELECTOR

Powder detergent box for delayed washing/ softener box

INLET HOLE FOR BLEACH

WASHING WINGS
Vertical movement of washing punch can be operated when a sufficient amount of laundry is deposited.
Set the proper water level, an excessive amount of water may increase entanglement of laundry.

LEVELLING LEGS
Use to level the washing machine for correct balance & spin operation.

HOT WATER SUPPLY HOSE

COLD WATER SUPPLY HOSE
Make sure the water does not leak.

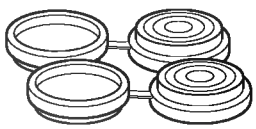
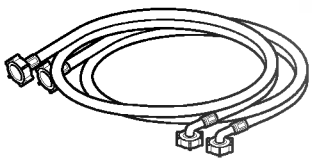
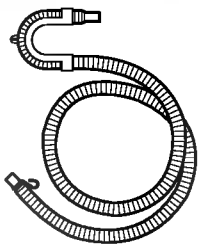
LINT FILTER
Clean regularly to stop linting on the clothes load.

DRAIN HOSE
Check if the drain hose is located in the laundry tub before operating the washing machine.

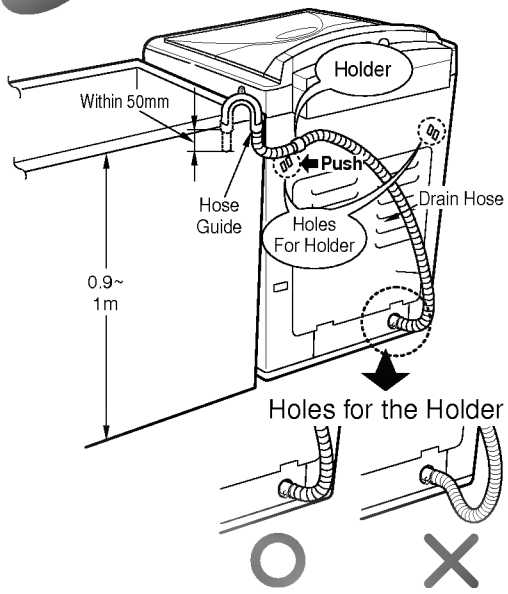
POWER PLUG
If the supply cord is damaged, it must be replaced by the manufacture or its service agents or similarly qualified person in order to avoid a hazard.

BASE

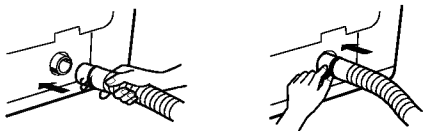
Accessories

Height adjustment plate	Inlet hose	Drain hose
		
2 Pieces	1 Each for cold and hot water	

w 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** :

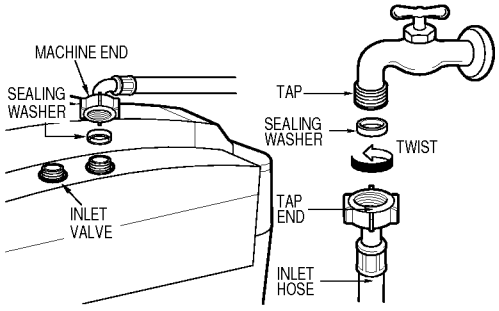
- To prevent syphoning, the drain hose should not extend more than 50 mm from the end of the hose guide.
- The discharge height should be approximately 0.9~1m from the floor.

oding drainage

- Your machine requires a floor drainage slope (or hole) that will SAFELY DISPOSE of the FULL FLOW of any water that may leak out the machine malfunction.
  It is therefore the OWNER'S RESPONSIBILITY to make sure this machine is installed in an area with a drain hole (or slope) that will prevent any possibility of water damage to floor coverings or property.

nnect inlet hose

- Check that sealing washers are firmly seated.
- Attach the curved end of the hose to the inlet valve of the washing machine; Tighten the coupling nuts securely by hand. (Fig. 1)
- Attach the straight end of the hose to the tap. Tighten the coupling nuts securely by hand. (Fig. 2)
- Either hose can be attached to hot inlet valve and tap.
- Turn on the taps and check for leaks. Tighten the coupling nuts firmly if there is any leakage. If water pressure is strong, close the water tap completely then open it slightly.



(Fig. 1) (Fig. 2)

CAUTION

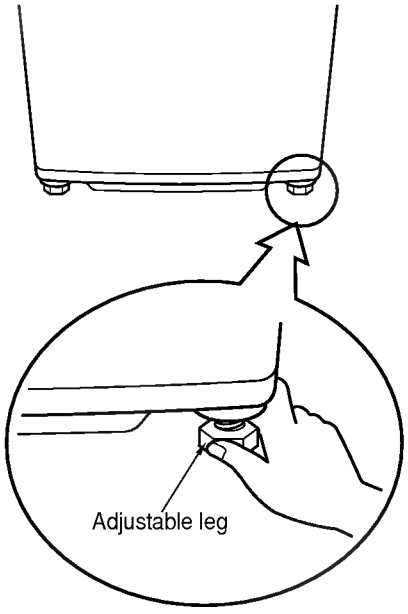
- Do not install the washer where it is directly exposed to sunlight, wind, rain etc.
- Plug the power cord of this washer into a properly installed standard power point that is switched & earthed.
- Permissible water temperature : Max 70℃(160℉)
- Permissible water pressure : Max 116psi (800kpa, 8kg/cm^2), Min 4psi (30kpa, 0.3kg/cm^2)
- 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 crossthread.



Improper installation of the washer may cause noise and malfunctioning.

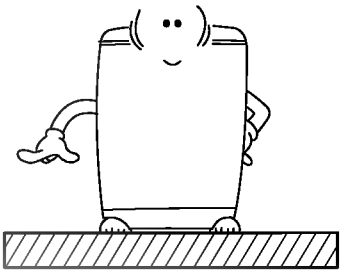
1. The ventilating openings in the base area must not be obstructed by carpeting when the washing machine is installed on a carpeted floor.
2. Install the washing machine on a level and firm surface.

w to adjust level



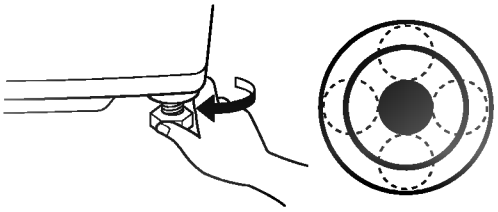
1 Installation area

- Install the washer on flat and firm surface.



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.

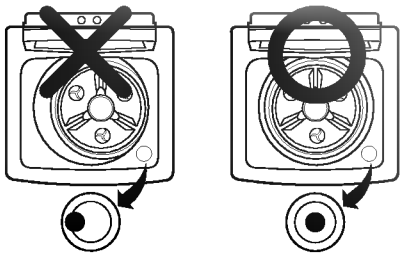


rizontal setting

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.

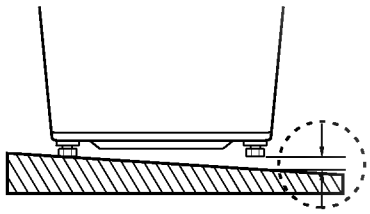
(Example) To move the drop of the level indicator by 15 mm: Use two adjusting plates and a 10 mm supporting plate, and turn the adjustable legs 2-3 times.

2 Checking level



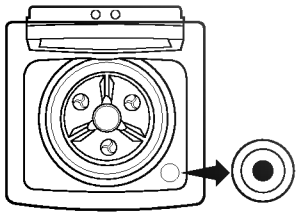
- Open the lid, and check if the washer is correctly leveled by looking down from the top.
- Adjust the drop of the level indicator to the red circle.

3 Checking slope



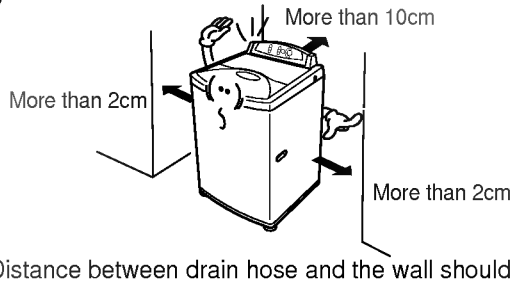
- Check if installation surface is tilted. (Try to shake the washer and check if the washer is firmly installed.)

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.

6 Distance between drain hose and the wall



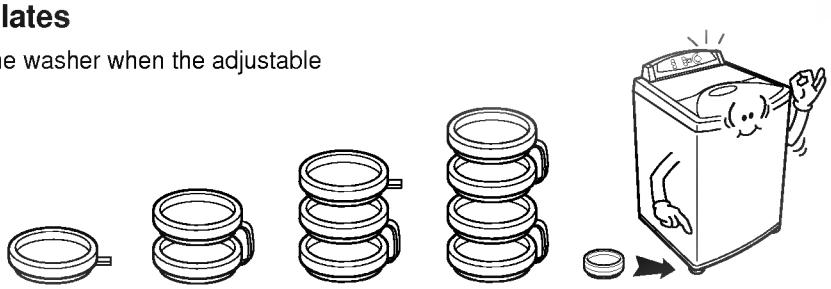
- Distance between drain hose and the wall should be more than 10cm, and the distance between the other sides and the wall should be more than 2 cm.

CAUTION

- If the appliance is supplied from a cord extension set or electrical portable outlet device the core extension set or electrical portable outlet device should be positioned so it is not subject to splashing or ingress of moisture.

How to use the adjusting plates

- Use the adjusting plates to level the washer when the adjustable legs cannot cover the gap.



ly automatic control

- The Fuzzy program is used for average day to day washing.
- Press POWER ON button.
- Load clothes.
- Add detergent, bleach and conditioner as desired.
- Close the lid and press START/PAUSE button.
- The water level lights will scroll up and down while the washer is working out the optimum water level for your clothes load.

paration before wash

Sort your washing into separate wash loads

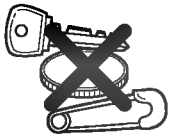
- Each load of washing should contain clothing which needs the same washing conditions. For example, you should not wash delicate clothes with very dirty work clothes.
- Some fabrics are lint collectors and can pick up lint, dirt and colour from other fabrics, which are lint producers. Some examples are listed below.

LINT COLLECTORS	LINT PRODUCERS
Corduroy	Towels
Synthetics	Nappies
Permanent press fabrics	Chenille / Candlewick

Make sure that you wash lint collectors separately from lint producers.



- Check if laundry is washable in water.



- Be sure to remove things such as keys, pins and coins from the laundry.



- Wash oily or dyed laundry separately.



- Shake loose dirt off before washing.



- Wash fluffy laundry by turning it inside out.



- Wash delicate clothes, wrapping them in a nylon net.

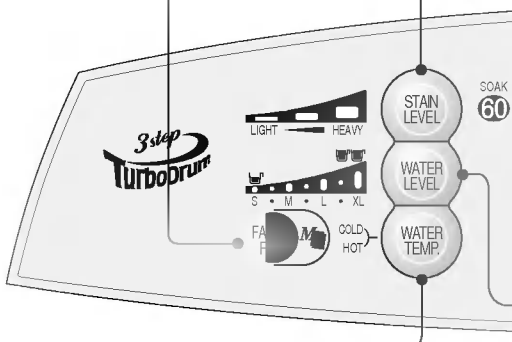
FAVOURITE SELECT

- Pressing the FAVOURITE button allows you to store your favourite wash conditions in the NORMAL cycle memory and than recall it for use at a later time.

STAIN LEVEL SELECT

- Default is MEDIUM. By pressing button [HEAVY ▶ LIGHT ▶ MEDIUM mode repeats.
- Available during washing.

✻ Except for WOOL and DELICATE program.



HOW TO SELECT TEMP.

- Used to select proper water temperature of washing water. [WARM(Hot and cold light turn on) → HOT → COLD → WARM] mode repeats.

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.

✻ Except for WOOL and DELICATE program.

[redacted]nual control

- Other programmes are selected as follows.
- Press POWER ON button.
- Load clothes.
- Add detergent, bleach and conditioner as desired.
- Select temperature, level, process, program and options as described below.
- Close the lid and press START/PAUSE button.

DISPLAY ABNORMAL OPERATION

- In case of abnormal operation, the following indications are displayed.

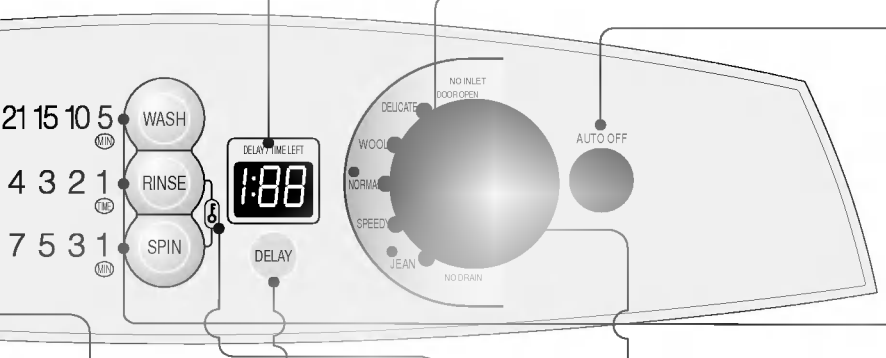
Abnormal water supply : NO INLET. lamp blinks.
Abnormal drainage : NO DRAIN. lamp blinks.
Abnormal spin : [redacted] displayed.
Abnormal water level sensing : [redacted] displayed.
Abnormal lid open : DOOR OPEN. lamp blinks.

HOW TO SELECT A WASHING PROGRAM

- Use it to select washing programs.
- By pressing the button, it cycles [NORMAL → SPEEDY → JEAN → DELICATE → WOOL → NORMAL]

[redacted]

- Use it turn on and off. By pressing the button [On→Off] are repeated.
- Electric power automatically turns off in 10sec, after the washing cycle finishes with "boo-" sound.
- Electric power automatically turns off after 10min.in 'Pause' condition



FOR MANUAL WASH, RINSE AND SPIN

- Wash:
  Use it to change washing time.
  By pressing the button [21min → SOAK 5min → SOAK 10min → SOAK 15min → SOAK 21min → OFF → 5min → 10min → 15min] SOAK is used to remove old or hardened dirt more effectively.
  Soak time is about 60minutes (You cannot choose in WOOL program.)
- Rinse:
  Use it to change the frequency or rinse.
  By pressing the button.
  [rinse 1 → rinse 2 → rinse 3 → rinse 4 → OFF → rinse 1] are repeated.
  When you select rinse only, the operation starts with water supply.
- Spin:
  Use it to change the spinning time.
  By pressing the button, [5min → 7min → OFF → 1min → 3min → 5min].

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 and DELICATE program.
- Water level is set to MEDIUM for SPEEDY program.
- Water level can be adjusted even when the washer is in operation.
- For appropriate quantity of detergent follow the detergent manufacturer's instruction

START AND TEMPORARY PAUSE

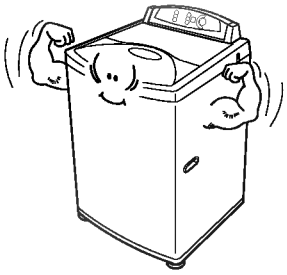
- Use it to start or pause.
  By pressing the button [Start▶Pause] are repeated.

[redacted]

- Used to lock or unlock the control buttons to prevent all the setting from being changed by a child
- For locking, push both buttons simultaneously and for unlocking, push them once more during the washing process.

✳ ❸ : 3 step works at large and medium water level of NORMAL and JEAN progream.

NORMAL, JEAN WASH PROGRAM



- Use the Normal program for normal dirty laundry and Jean program for Jeans, overalls etc.
- All conditions such as water level, wash time, rinse and spin time are automatically selected by microcomputer. All you have to do is press the START/PAUSE button.
- Check to see if everything is ready.

Preset program gives :

- Spray rinse + Deep1 rinse (Normal course), Deep2 rinse(Jean course).
- Warm wash water (cold or hot water can be set optionally
  ··· see the following table 1.)

Table 1. WASH WATER TEMPERATURE GUIDE

WATER TEMPERATURE	USED FOR
Hot	White and colorfast cottons, linens with jean or normal soil. Permanent press & synthetics with heavy or oily soil.
Warm	Dark or non-color fast fabrics. White & colored synthetics. Permanent press with normal or light soil. Wool is only selected with warm.
Cold	Lightly soiled fabrics.

Table 2. FILL TEMPERATURE OF EACH CYCLE FOR PROGRAM

For each program, the washing machine automatically selects a suitable fill water temperature.

PROGRAM	FILL TEMPERATURE		APPENDIX EXPLANATION
	WASH	RINSE	
Nomal, Jean, Speedy, Soak, Favourite	HOT WARM COLD	COLD	Fill temperature for wash can be change the to suit washing style. Fill cold for rinse is not able to change because of energy saving.
Delicate, Wool	WARM	WARM	Fill temperature is not able to change to protect laundry transformation.

☛ A wash temperature to be selected is illuminated during a complete cycle on the control panel.

❑ **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.
- When using natural detergent or liquid detergent, deposit proper amount of detergent based on the [instruction for detergent].

1 Press the POWER button.

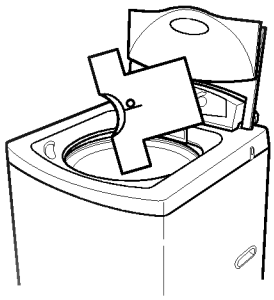


● Press program button to select either [NORMAL] or [JEAN].

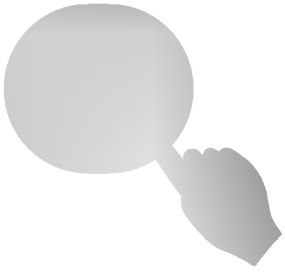
2 Select the desired program.



3 Put laundry in the tub.

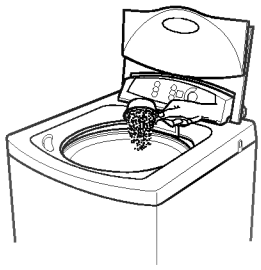


4 Press the START/PAUSE button.

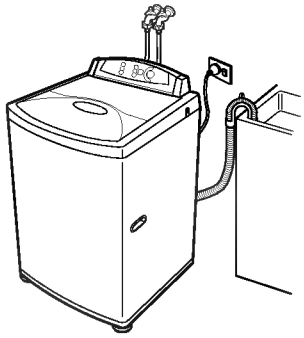


5 Put detergent in the wash bowl as indicated on the display or instruction of detergent manufacturer.





6 Close the lid.



● Electric power is automatically out after washing program finishes.

● Use this program for washing slightly soiled laundry.
● This program is economical because of its short washing time.
● Adjust water quantity according to the amount of laundry.
● Preset program gives: -10 minutes wash
-Spray rinse + Deep1 rinse
-3 minutes spin
-Medium water level
-Warm water
(Cold or hot water can be set optionally)

1 Press the power button



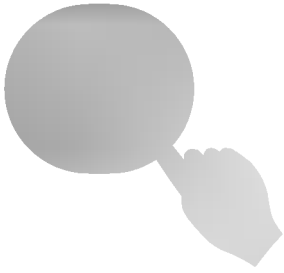
● Use this program for washing delicate laundry such as lingerie, blouses etc.
● Microcomputer controls the strength of circulation.
● Place detergent in detergent dispenser.
● Preset program gives: -10 minutes wash (Gentle wash)
-Deep 2 rinse
-1 minutes spin
-Large water level
-Warm water

❑ **NOTE** : ● When you wish to change washing cycles, select them manually.

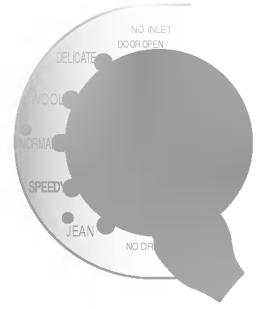
1 Press the power button



4 Press the START/PAUSE button.

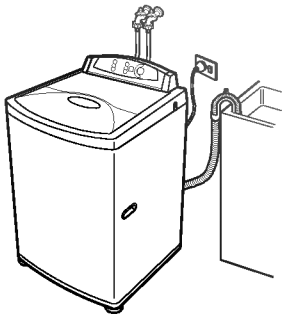


2 PROGRAM [CYCLE] selector



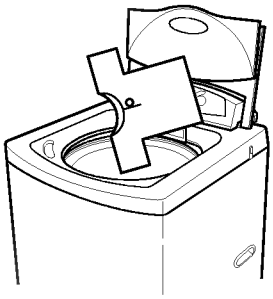
- Set the program selector to [SPEEDY] by pressing it.

3

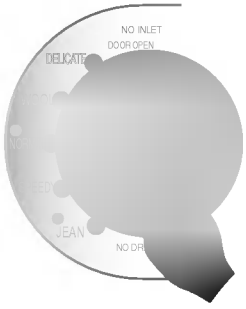


- After closing the lid press the START/PAUSE button.
- Deposit detergent based on the indicated amount.
- Power goes off automatically after wash finishes.

2 Put laundry in the tub.



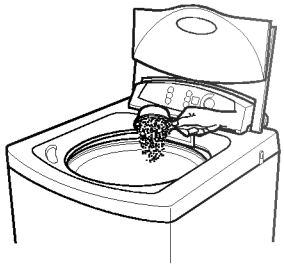
3 PROGRAM [CYCLE] selector



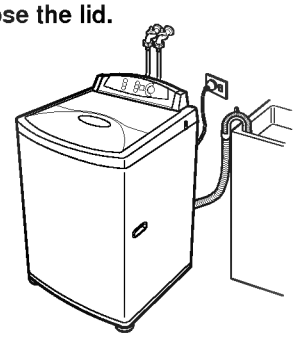
- Set the program selector to [DELICATE] by pressing it.

5 Put detergent in the wash bowl as indicated on the display or instruction of detergent manufacturer.





6 Close the lid.



- Electric power is automatically out after washing program finishes.

● Use this program for washing washable woollens, less than 2.0kg.
● Do not wash woollens with a dry cleaning label attached.
● Do not set water level to medium or below.
● Wash clothes with buttons and accessories inside out.
● Preset program gives: -5 minutes wash
-Deep 2 rinse
-1 minutes spin
-Large water level
-Warm water

❑ **NOTE** : ● When you wish to change washing cycles, select them manually.

1 Press the power button



● Use this program for washing heavily soiled laundry after soaking.
● This program provides the best washing effect.
● Do not use this program for washing laundry that may discolor.
● Preset program gives: -60minute soaking
-Deep 1 rinse
-Warm water
(Cold or hot water can be set optionally)

1 Press the power button

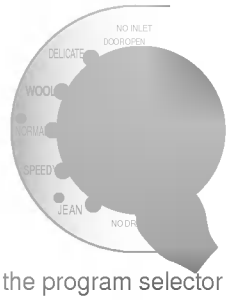


● Pressing the favourite button allows you to store your favourite wash conditions in the normal cycle memory and then recall it for use at a later time.

1 Press the power button

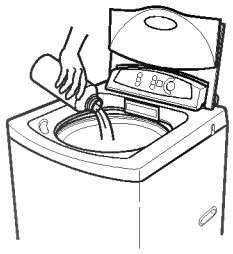


2 PROGRAM [CYCLE] selector



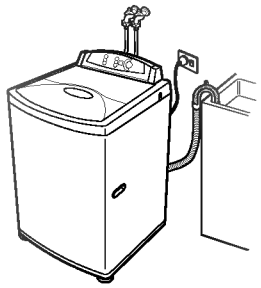
- Set the program selector to [WOOL] by pressing it.

3 Deposit detergent



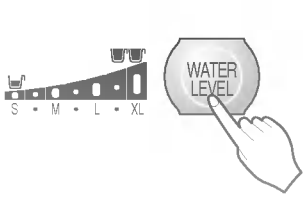
- Use proper kind of detergent according to the type of laundry.

4

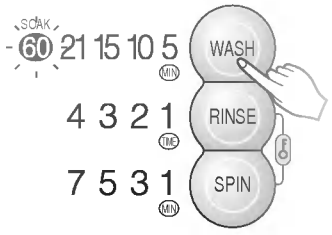


- Press the START/PAUSE button after closing the lid.
- Power goes off automatically after wash finishes.

2 [WATER LEVEL] selector

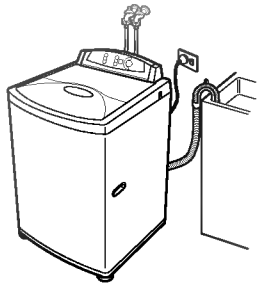


3 PROGRAM [CYCLE] selector



- Set the program selector to [SOAK] by pressing it.

4



- After closing the lid press the START/PAUSE button.
- Power goes off automatically after wash finishes.

2 Select the [FAVOURITE] program.



3 Select your favourite wash conditions.

- Press the WATER TEMP. button to select wash water temperature.
- Press the WATER LEVEL button to select water level.
- Press the STAIN LEVEL to select HEAVY or LIGHT wash option.
- Press the WASH button, the RINSE button & the SPIN button to select wash time, rinse times & spin time respectively you want to store.
- Push the FAVOURITE button (FAVOURITE cycle setting)

4

Press the START/PAUSE button to store & start your favourite wash cycle.
Power turns off automatically after wash.

To recall your favourite cycle.

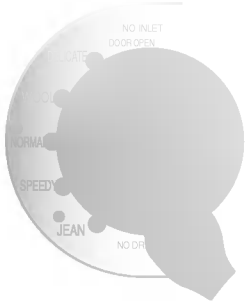
1. Press POWER on.
2. Select the favourite cycle by pressign the PROGRAM.
3. Push the FAVOURITE button (FAVOURITE cycle settng.)
4. Press the START/PAUSE button. Then the wash cycle starts.

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

1 Press the power button.



2 Select a program.



3 Set the time.



- Press the DELAY START button to set the number of hours before you want the washing to be completed.

❑ 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 delay start button, the delay time repeatedly changes the number of hours before you want the wash to be completed [3 → 4 → 5... → 12 → 14 → 16... → 48 → 3]

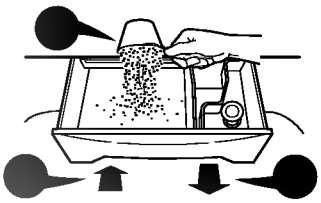


14 hours : 7 a.m. ~ 9 p.m.

❑ How to put the detergent into the detergent box

◆ For powder detergent ◆

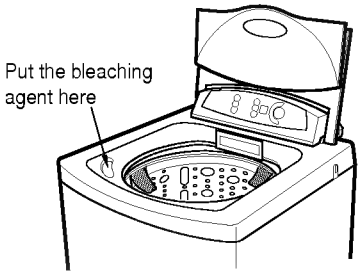
- Pour it into the exclusive detergent box. Pull put the box and put the detergent then close the box again.



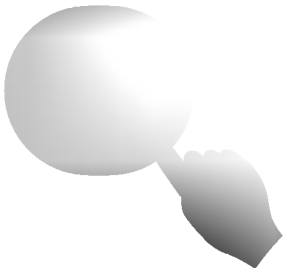
- Dry the moisture in and out of the box before inserting the detergent.(moisture may harden the detergent)

◆ For liquid detergent ◆

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

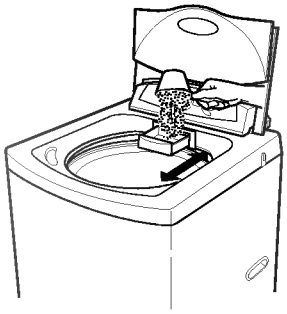


4 Insert laundry and press the START/PAUSE button.



- Insert laundry and press START/PAUSE button. The washer senses the amount of laundry and displays the water level.

5 Deposit detergent in the powder detergent box.



- 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 an alarm sound. It is not an error message, but just reminds you to close the lid.

6 Close lid and press START/PAUSE button two times again.



- 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.

CAUTION

- Make sure to deposit detergent in the powder detergent box.
  If you leave detergent with the laundry for a long time, the laundry may become partially discolored.
- When the lid is opened, delayed washing cannot proceed.
- In case of power failure, set again from the beginning.
- Depending or 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.

❑ NOTE :

How to wash when you go out

- When you cannot take the laundry out immediately after washing is completed, you should select wash and rinse only(In this case, do not select spin to prevent wrinkles).

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

Press the power switch.



❑ WASH ONLY • • •When wash liquid is to be used twice.



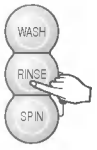
- Press the WASH button to select the washing time.
- Adjust the water level according to the amount of laundry.
- If the water level is not selected, it is automatically set to [LARGE].

❑ WASH & RINSE • • • When it is not desirable to spin clothes in order to avoid wrinkles.



- Press the WASH button to select the washing time.
- Press the RINSE button to select the number of rinses.
- Adjust the water level according to the amount of laundry.
- If the water level is not selected, it is automatically set to [LARGE].

❑ RINSE ONLY • • • When it is desirable to rinse clothes which have already been washed.



- Press the RINSE button to select the number of rinses.
- Adjust the water level according to the amount of laundry.
- If the water level is not selected, it is automatically set to [LARGE].
- To deposit fabric softener... Select the SOFTENER program, then it indicates the time for depositing fabric softener.
- In this case, amount of laundry will not be sensed.
- When selecting rinse only, it starts with water supply.

❑ RINSE & SPIN • • • When it is desirable to rinse and spin clothes which have already been washed.



- Press the RINSE button to select the number of rinses.
- Press the SPIN button to select the spinning time.
- Adjust the water level according to the amount of laundry.
- If the water level is not selected, it is automatically set to [LARGE].

❑ DRAIN or SPIN ONLY • • • When it is desirable to drain water from the bowl or spin clothes before drying.



- Press the SPIN button to select the spinning time.

❑ WASH & SPIN • • • When heavy soiling is removed prior to normal washing



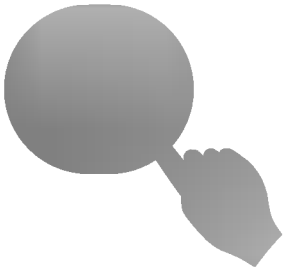
- Press the WASH and SPIN button to select the time.

Deposit laundry



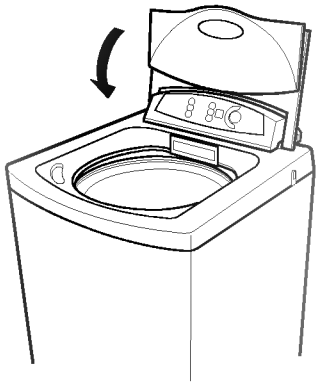
- Check pockets for belongings.

Press the START/PAUSE button



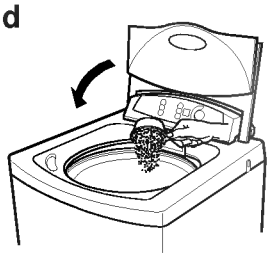
- The washer displays the amount of detergent and begins supplying water.

Close the lid



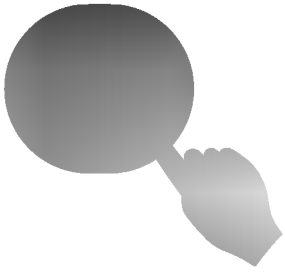
- If the lid is not completely closed, the washer generates the alarm sound.

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.

Press the START/PAUSE button



- Electric power turns off automatically 10 seconds after the alarm sounds, when washing completely finishes.

CAUTION

- In case of selecting RINSE or RINSE and SPIN, water will be supplied before starting RINSE, followed by SPIN.
- In case of selecting RINSE only, water will not be drained after RINSE. To drain water, select SPIN.
- If the water level is not selected, it is automatically set to [LARGE].

Here is the description of washing cycle programmed into the washing machine memory.

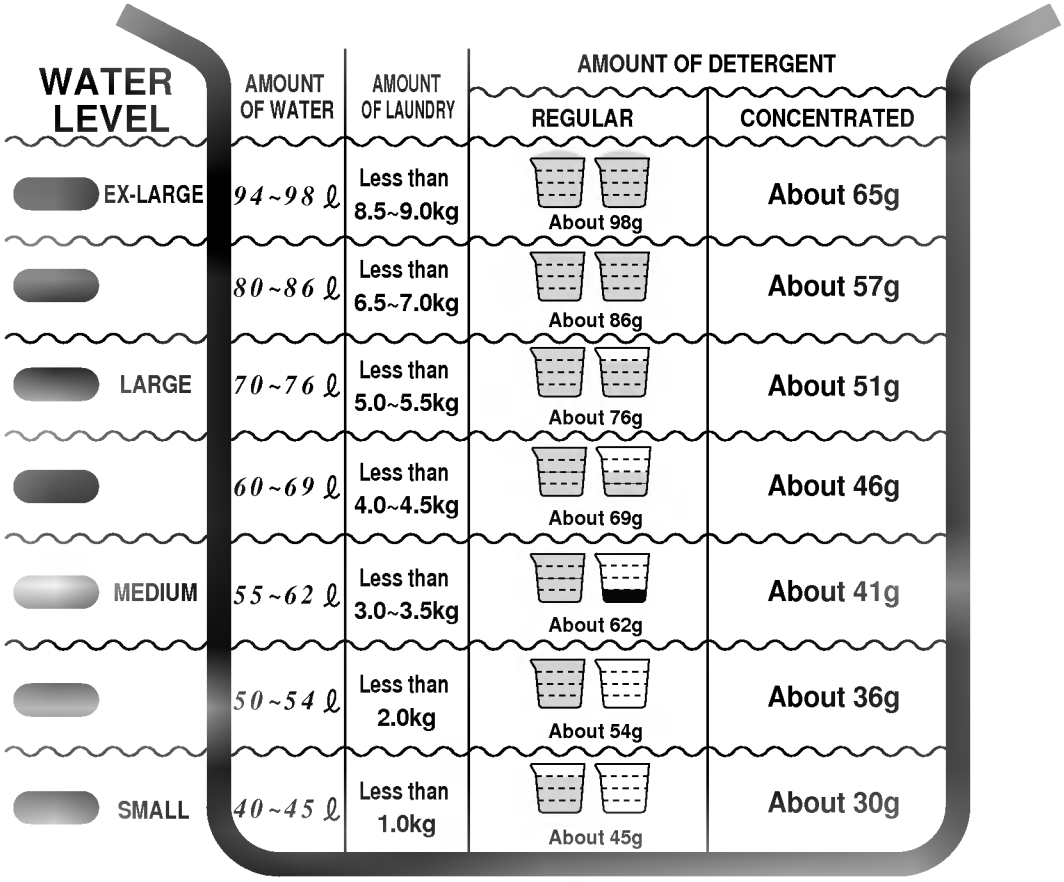
	Programmed Wash Cycles	Auto-Water Level Setting	Washing	Rinsing	Spinning	Time required (Approx.)
NORMAL (PROCESS)	NORMAL	EX-LARGE ▼ SMALL	21 min. max. 10~15 min. 3 min. min	DEEP rinse is 3min a time Deep2 Spray rinse + Deep1	7 min. ≀ 1 min.	63 min. ≀ 34 min.
	JEAN	EX-LARGE ▼ SMALL	21 min. max. 10~15 min. 3 min. min	DEEP rinse is 3min a time Spray rinse + Deep1	7 min. ≀ 1 min.	63 min. ≀ 34 min.
	DELICATE	LARGE	10 min.	DEEP2 (3 min.a time)	1 min.	55 min.
	SPEEDY	MEDIUM	10 min.	Spray rinse + Deep1	3 min.	38 min.
	WOOL	LARGE	5 min.	DEEP2 (3 min.a time)	1 min.	
	SOAK	EX-LARGE ▼ SMALL	60 min.	DEEP rinse is 3min a time Deep2 Spray rinse + Deep1	1~7 min.	123 min. ≀ 94 min.

❑ INFORMATION :

- The time required for each cycle may differ depending on the water pressure. The time shown on the Table is set under the situation of water supply for approx. 3min.per cycle(20 liters per minute EX-LARGE water level).
- The indication shown by ■ is the standard time.

❑ NOTE :

- High water pressure may cause noise during the water supply. Turn the water tap to adjust water supply if the noise is annoying.



- 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.

❑ Detergent

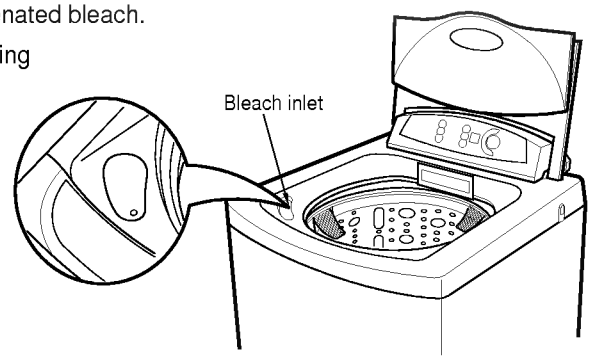
- Use correct amount of detergent according to the detergent manufacturer's instruction.
- When washing woollens remember to use a detergent recommended by Australian Wool Board or New Zealand Wool Board.
- We recommend the use of detergents which are low sudsing and dissolve readily to obtain the best wash results.
- Do not use too much detergent, which may cause an over sudsing problem and decrease rinsing efficiency.

CAUTION

- If you use laundry soap(natural resin) regularly, 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.

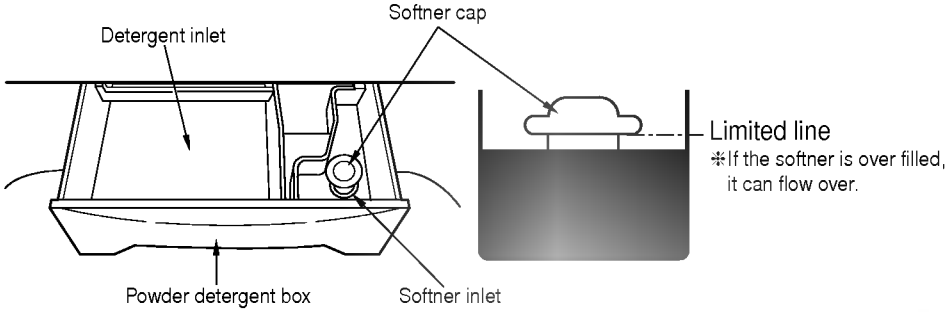
w to use the bleach agent

- When using bleach, always make sure it is oxygenated bleach.
- Pour the powdered bleaching agent after separating the clothes only for bleaching.
- Pour the liquid bleaching agent into the washing cask.



w to use the softner agent

- Open the detergent box by pulling in the direction of the arrow, as indicated in the picture.
- Fill the detergent box with softener, making sure not to fill over the standard line, as indicated in the picture.
- Push the box closed slowly and gently so as not to allow the softener to spill out.
- The softener will be automatically released at the proper time.



CAUTION

- Don't use softener with detergent. Use softener in last rinse water.
- When using dispenser, dilute softener(30ml) with fresh water(30ml)
- When filling dispenser, do not splash or overfill. It may stain clothes.
- Never pour fabric softener and bleach directly on clothes. It may stain them.
- If spotting occurs, wet and rub hand dishwashing liquid (or mild bar soap) and rewash.
- The dispenser is designed to use only liquid fabric softener.
- Softener should be added manually (during the last rinse cycle) when water pressure is too weak (less than 0.5 kg/cm^2) as it will not be possible for the softener to be released automatically.
- Do not leave the softener in the dispenser for more than two days.
- It is important to clean the dispenser regularly.

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 **WARM(COLD & HOT)** → **HOT** → **COLD** → **WARM**.
- Even when only **HOT** is selected, **COLD** water is supplied during the **RINSE** cycle.

❑ Water LEVEL selection

- Water level is set automatically after sensing the amount of laundry. Press the WATER LEVEL button to change the water level.

❑ Stain Level selection

HEAVEY	Heavily-stained clothes
MEDIUM	Normally-stanied clothes, cotton, yam, synthetic fabric, thin clothes
LIGHT	Lightly-stained clothes

※ Except for WOOL and DELICATE program.
※ To dissolve detergent, the washer starts operating at a level which is one step lower than the preset water level.

❑ Wash selection

SOAK 21 ↕ 5	21 min.	Heavily stained clothes, thick clothes
	10 - 15 min.	Normal clothes, cotton, yam, synthetic fabric, normally-stained clothes, thin clothes
	5 min.	Soft clothes, delicate clothes, lightly-stained clothes

※ Actual wash time may differ according to water level.
※ For WOOL program, washing wings rotate very slowly(to prevent shrinkage and damage).

❑ Rinse selection

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

❑ Spin selection

7min.	Thick clothes
5min.	Normal clothes, light clothes, thin clothes
3min.	Soft clothes
1min. at low revolution speed	Clothes to be ironed, delicate clothes

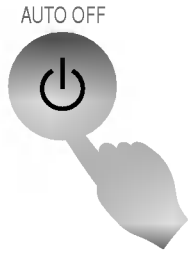
※ For WOOL and DELICATE program, the tub turns very slowly and spins for a very short time (to prevent damage to clothes).

❑ Child Lock Selection

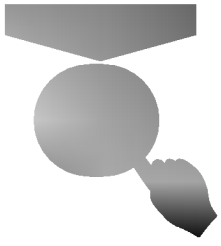
To guard against unwanted alteration of cycle settings during operation, the child lock may be utilised.

☛ **HOW TO LOCK**

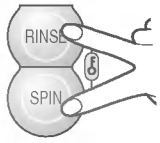
1 Press the POWER button



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



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





● "CL" & the remaining time are altematively shown on the diplay while they are locked.

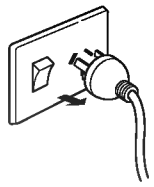
☛ **HOW TO UNLOCK**

If you want to unlock during wash press both the water temp key and the water level key simultaneously again

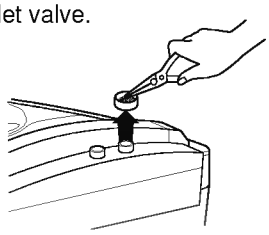
❑ CLEAN THE FILTER IN THE VALVE

● Clean the filter when water supply into the tub appears dirty or the inlet valve is clogged with impurity.

1 Disconnect the power cord.



2 Pull out the filter from the inlet valve.

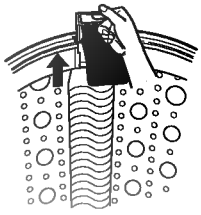


3 Use a tooth brush to get rid of dirt. Replace it.

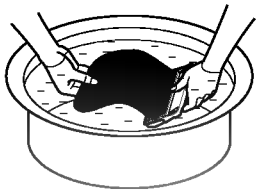


❑ CLEAN THE LINT FILTER

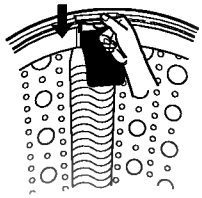
1 Pull out the waste thread collection net from the tub in the direction of the arrow below.



2 Turn inside out to get rid of filth.



3 Insert it into the original location.



❑ CLEAN THE CABINET

● Wipe stains from the cabinet and the control panel with a soft cloth.

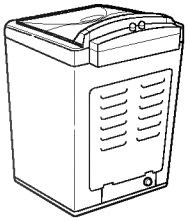


CAUTION

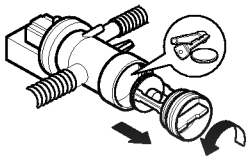
- Do not pour water directly on the cabinet.
- Do not wipe the cabinet with benzine, thinner, cleanser, alkaline detergent or wax.
- Do not rub the cabinet with a scrubbing brush.
- When you use a chemical dustcloth, follow the instructions.

❑ CLEAN THE PUMP CASING (when drainage is bad)

1 Unfasten 2 screws on the back cover.

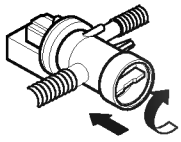


2 Turn the cap as indicated by the arrow and unfasten it. Remove foreign objects such as pins, buttons, coins; etc.



(Bottom view)

3 Reassemble the cap as indicated by the arrow and fasten it.



(Bottom view)

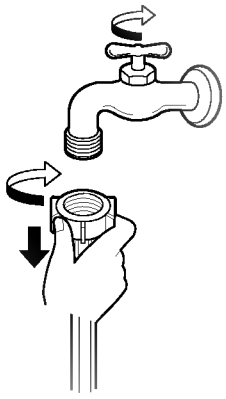
❊ **CAUTION** : Check it over if water leaks after reassembling.(Rubber ring is in the cap)

❑ CLEANING THE INSIDE OF YOUR WASHER

If you use fabric softener or do regular cold water washing, it is important that you occasionally clean the inside of your machine.

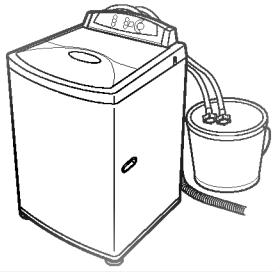
- Fill your machine with hot water. Add about two cups of a powder detergent that contains phosphate.
- Let it rotate for several minutes.
- Stop the machine, open the lid. and leave it to soak overnight.
- After soaking, drain the machine and run the machine through a regular cycle.
  We do not recommend that you wash clothes during this procedure.

❑ WHEN THERE IS A FEAR OF FREEZING



1 Close the water taps and remove the water supply hoses.
2 Hold the water supply hoses as shown in the drawing so that it does not sag.
3 Set the POWER button to "ON" and the WATER TEMP. to warm.
4 Press START/PAUSE button and operate the washing machine for 20 seconds.
  - Water which remains in the water supply is removed.
5 Press START/PAUSE button to stop the operation.
6 Lower the drain hose and select manual spin mode.
7 Press START/PAUSE button and operate for 30 seconds.
  Set the POWER button to "OFF".
  - Drain the water in the bowl and the drain hose.

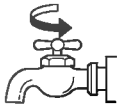
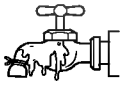
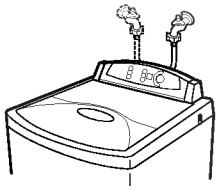
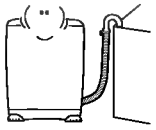
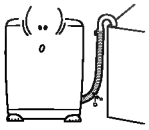
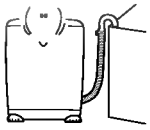
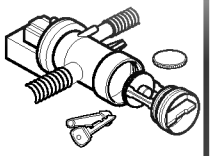
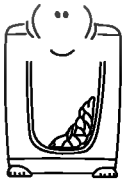
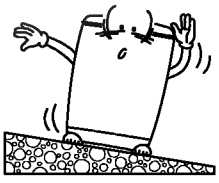
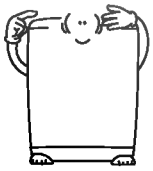
❑ IF FROZEN

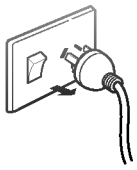
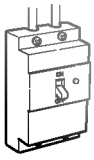
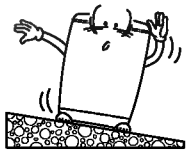


1 Remove the water supply hose, and immerse it in hot water at approx. 40℃.
2 Pour approx. 2 liters of hot water at approx. 40℃, into the bowl for 10 minutes.
3 Connect the water supply hose to the water tap, and confirm that the washing machine performs the supply and drainage of water.

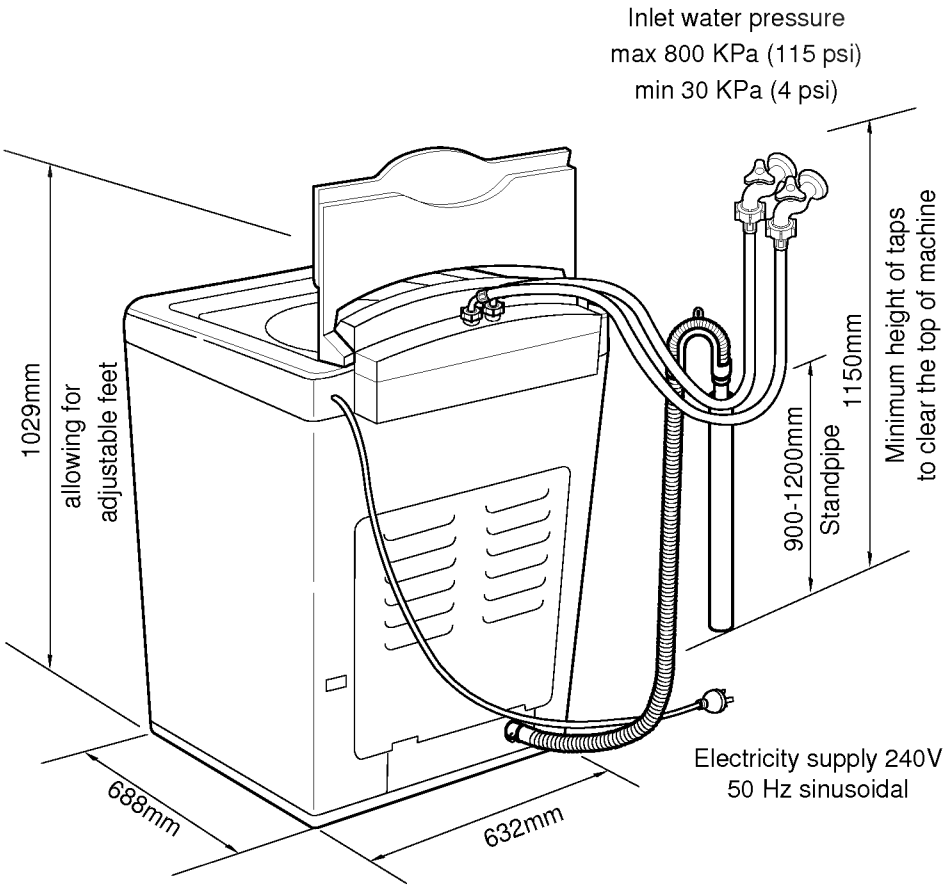
TROUBLE - SHOOTING GUIDE

- If an abnormal symbol appears in the display window, check the following before asking for service.
- Request for the service center or agent in the case of failure or damage except for the following.
- This appliance is fitted with a safety function that automatically stops the operation of the washing machine when it is exposed to jean disturbance on the mains.

SYMPTOM	ITEM TO BE CHECKED
Abnormal faucet NO INLET	 Abnormal. Is the faucet closed?  Water supply. Is the faucet frozen? Is water supply discontinued?  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.)
Abnormal drainage NO DRAIN	 Check if electric power has gone off.  Check that the drain hose is not twisted or kinked?  Is the drain hose hung properly?  Check whether the drain pump is locked by foreign objects.
Abnormal spin UE	 Is the laundry gathered to one side?  Is the washer tilted?
Opened lid DOOR OPEN (At this time, buzzer sounds without lamp indication)	 Is the lid closed? If the lid is open, alarm is generated and rinse and spin cannot proceed.  Is the lid closed after setting delayed washing? If the lid is opened, delayed washing cannot proceed.

SYMPTOM	ITEM TO BE CHECKED
Abnormal sensor PE **Abnormal power** AE **Abnormal overflood** OF **Abnormal Ball sensor** bE	Ask for service center
No power	 Is the power switch pressed?  Is the power plug firmly connected?  Is power supply correct? Is the short-circuit breaker closed?
No operation	 Is the lid closed and the START/PAUSE button 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 spining	● It is normal, the washer is automatically correcting the laundry gathered to one side. ● No special action is needed.

SPECIFICATIONS



Model	WF-T854A	WF-T902A
Type	Fully automatic washer	
Washing capacity	8.5 kg	9.0 kg
Electrical ratings	See the rating plate attached to the rear of the washer	
Standard amount of water (EX-LARGE water level)	Approx. 94 ℓ	Approx. 98 ℓ
Washing system	Automatic reverse pulsator type	
Water tap pressure	30 - 800 kPa (0.3 - 8kgf / cm^2)	
Outer dimension	632 × 688 × 1029(W × D × H)mm	632 × 688 × 1045(W × D × H)mm
Weight	47kg	



LG Electronics Inc.

P/No.: 3828EA3006Q