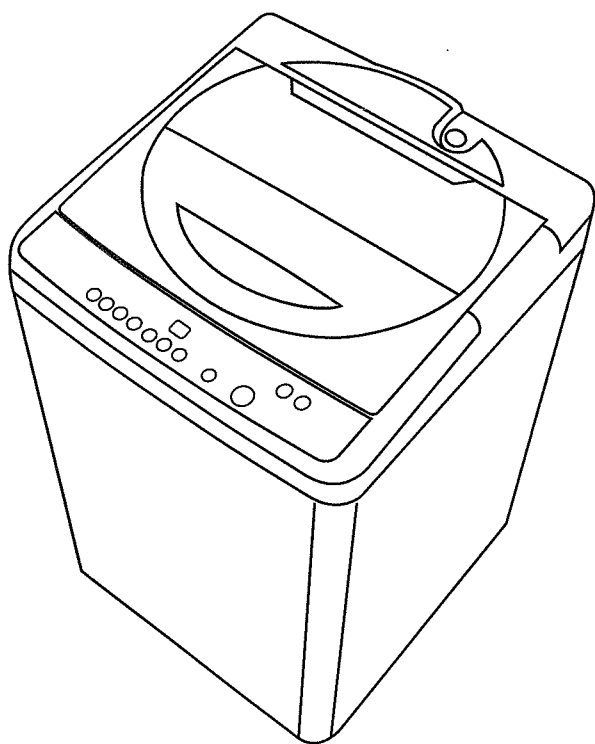


**AW-E900LM**  
**AW-E900LS**




















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Thank you for purchasing TOSHIBA Fully Automatic Washing Machine.  
Please read this manual carefully in order to operate the machine properly and safety.  
Please keep this manual for future reference.










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# ⚠ WARNING

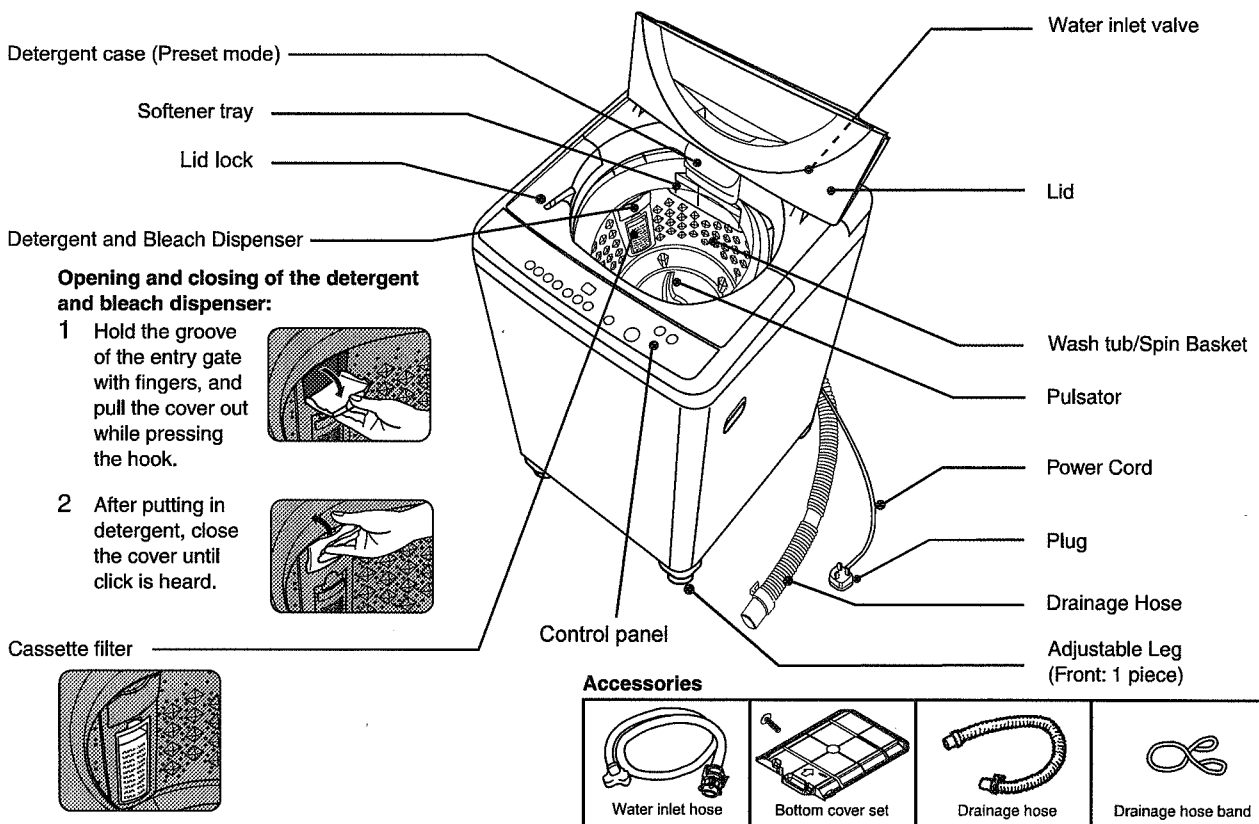
 <b>WARNING:</b> This indicates an important item which incorrect operation may lead to injury or death.	
 DO NOT TOUCH	<ul style="list-style-type: none"> <li>▪ <b>Never attempt to touch laundry in the spin basket until the motion of the basket stops completely.</b>            Laundry in the basket may become wrapped around the hand, even when the basket is only moving slowly. Use particular caution when children are present.</li> </ul> 
 OUT OF CHILD	<ul style="list-style-type: none"> <li>▪ <b>Never operate washing machine by young children and infirm person.</b>            This washing machine is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge unless they have been adequately supervised by a responsible person to ensure that they can use the washing machine safely.</li> <li>▪ <b>Children should be supervised to ensure that they do not play with the washing machine.</b></li> <li>▪ <b>Never allow children to look into the basket or play around the washing machine.</b></li> <li>▪ <b>Do not place the stand or box near the washing machine.</b>            Children may fall into the basket and get injured or drowned.</li> </ul> 
 DO NOT MODIFY	<ul style="list-style-type: none"> <li>▪ <b>Never disassemble or modify the machine.</b>            It may cause fire or electrical shock or malfunctions that lead to injuries. Consult the store you bought the machine.</li> </ul>
 ELECTRIC SHOCK	<ul style="list-style-type: none"> <li>▪ <b>Use proper power source indicated in the rating label of the machine.</b>            It may cause fire or electrical shock.            Failure to use a proper power source may result in the electrical outlet becoming excessively hot, leading to fire.</li> </ul>
 UNPLUG POWER	<ul style="list-style-type: none"> <li>▪ <b>Unplug the power cord from the electrical outlet before attempting to cleaning or maintenance the washing machine.</b></li> </ul>
 DO NOT WET HAND	<ul style="list-style-type: none"> <li>▪ <b>Do not insert or pull the power plug with wet hands.</b>            It may cause electrical shock or malfunctions that lead to injuries.</li> </ul>
 ELECTRIC SHOCK	<ul style="list-style-type: none"> <li>▪ <b>Never use damaged electrical cords or plugs or loose socket.</b>            It may cause electrical shock or malfunctions that lead to injuries or fire.</li> </ul>
 DO NOT DISASSEMBLE AND REPAIR	<ul style="list-style-type: none"> <li>▪ <b>Do not damage the power cord.</b>            Do not attempt to damage, cut, or modify the power cord, or subject it to excessive bending, pulling, twisting, or binding. Also, do not yank the metal portion, place heavy objects on the power cord, or pinch the power cord. Doing so may damage the power cord, resulting in fire or electrical shock.</li> <li>▪ <b>If the power cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.</b></li> </ul>
 DO NOT USE WET PLACE	<ul style="list-style-type: none"> <li>▪ <b>Do not install the washing machine in high humidity place.</b></li> <li>▪ <b>Do not install in a bathroom or in exposed area to the rain.</b>            Doing so may result in electrical shock or short circuit.</li> </ul>
 DO NOT SPLASH WATER	<ul style="list-style-type: none"> <li>▪ <b>Do not allow water to come into direct contact with the various parts of the outer body.</b>            Doing so may result in electrical shock or short circuit.</li> </ul>
 AVOID INFLAMMABLE	<ul style="list-style-type: none"> <li>▪ <b>Do not place flammable materials in the basket.</b>            Do not put any kerosene, gasoline, benzene, thinners, alcohol, other flammable materials, or the laundry soaked with such materials in the basket. It can cause explosion or fire.</li> </ul>
 REMOVE DUST	<ul style="list-style-type: none"> <li>▪ <b>Wipe away off the dust or grime which attached to surface on pin of the plug.</b>            The dust or grime may cause fire.</li> </ul>
 AVOID INFLAMMABLE	<ul style="list-style-type: none"> <li>▪ <b>Do not place a fire source such as a candle or cigarette near the washing machine.</b>            It may cause fire.</li> </ul>
 INSTALL CAREFULLY	<ul style="list-style-type: none"> <li>▪ <b>Make sure that water drains properly.</b>            Using the washing machine with faulty drainage may cause water to back up within the machine, leading to electrical shock or fire.</li> </ul>

## ⚠ CAUTION

**⚠ CAUTION:** This indicates an important item which incorrect operation may lead to injury or damages to the product.

 DO NOT PULL	<ul style="list-style-type: none"> <li>Do not pull the power cord when unplug the appliance. Hold the plug body to unplug. It may cause electrical shock or malfunctions that lead to injuries.</li> </ul>
 DO NOT USE	<ul style="list-style-type: none"> <li>Do not connect to the hot water supply.</li> <li>Do not use water with temperatures over 50°C. Water that is too hot may cause malfunctions and deformation of the machine, which may result in electrical shock.</li> </ul>
 DO NOT WASH	<ul style="list-style-type: none"> <li>Do not wash or spin extraction the mats, waterproof suites such as raincoats, fishing suite (jackets and pants) ski suite, sleeping bags etc. It will cause abnormal vibration and damage while in spin extracting.</li> </ul>
 DO NOT CLIMB	<ul style="list-style-type: none"> <li>Do not climb or place heavy objects on the washing machine. Doing so may result in injury due to bending or breakage.</li> </ul>
 UNPLUG POWER	<ul style="list-style-type: none"> <li>Pull out the plug if you do not plan to use the machine for a long time. Failure to do so may result in electrical shock or shorts due to deterioration of the insulation.</li> </ul>
 DANGER HAND	<ul style="list-style-type: none"> <li>Do not place the hands or other objects under the washing machine while in operation. Moving parts may cause injury.</li> </ul>
 WATER LEAKAGE	<ul style="list-style-type: none"> <li>Before use, make sure the faucet is open, and the connection with water inlet hose is not loose or leakage water. Looseness of hose nut, hose connections, water inlet valve or other areas may cause water leakage or other damage.</li> </ul>
 INSTALL CAREFULLY	<ul style="list-style-type: none"> <li>The bottom ventilation of washing machine must not be obstructed by carpet when the washing machine is installed on a carpet floor.</li> </ul>
 STOP OPERATED	<ul style="list-style-type: none"> <li>During the spin extracting, if the spin basket does not stop rotation completely within 15 seconds after opened the lid. Please stop operated the washing machine immediately and contact to service dealer for repairing.</li> </ul>

## DESCRIPTION OF PARTS




# CONTROL PANEL DESCRIPTION


### Water Level Indicator

- The set water level indicator is flashing when the water has been supplied and it will light up once the water is at the set level.

**Automatic Mode**

- The water level is set linearly by adjusting to the washing volume. If the water level is assigned at the point with no particular indication, then the nearest level will light up.
- If there is some water in the wash tub before the operation, the indicator at the highest level will light up.

**Setting the  button**

- Press the  button to choose the water level. The indicator at the higher water level will light up.
- While the water is flowing into the basket, the indicator at "WATER LEVEL" will blink.

### Progress Indicator


- The current washing process blinks and the remaining process lights up.
- When power is turned on and a course is selected, the washing time, the number of rinsing process and the spinning time are displayed.

**(Example) Washing Operation**

WASH = 8 MIN.	RINSE = 2 TIMES.	SPIN = 5 MIN.
---------------	------------------	---------------

12 MIN.	OVERFLOW	9 MIN.
8 MIN.	2 TIMES	5 MIN.
4 MIN.	1 TIME	1 MIN.

### Digital Display

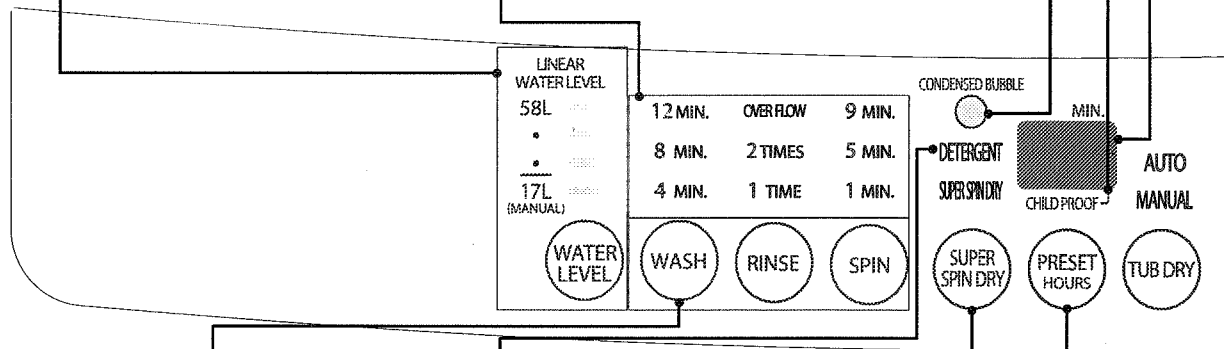
- **After starting the operation**  
The washer will display the guided detergent amount.
- The amount of supply using 1 accompanying the compact de  On der cor
- ✳ Depending on the kind of c of water consumption by one Adjust the detergent volum particular detergent in use.
- **After the start of operation**  
If the lid is closed, the estimated residual time to the end of washing will be displayed.
- **Reservation of the time to complete washing**  
The preset hours are displayed
- **If an error occurs.**  
An error code will be displayed

### CHILD PROOF Indicator

- When the "Child Proof" is selected, this indicator will light up.

### "CONDENSED BUBBLE" Indicator

- The "CONDENSED BUBBLE" indicator will blink when the washer starts the operation.



### "WASH" "RINSE" "SPIN" Buttons

- These buttons allow you to set a washing time, the number of rinsing process to be repeated and a spinning time respectively.

### "SUPER SPIN DRY" Button

- Timing drying operates based on selected time period. As soon as the button is pushed, the indicator will be on until the selected time period ends.

### "DETERGENT" Indicator

- When this indicator light up, digital display shows the recommended detergent amount.

### "PRESET" Button

- You can preset the time of all washing process.

# RECOMMENDED DETERGENT AMOUNT

The content in ( ) also apply to speed course.

## Display Unit

Detergent 1.1

Display 1.1 spoon of the detergent

Using the measure spoon compact detergent is displayed.

One spoonful of detergent denotes about 55L of water consumption

Amount of detergents, amount changes by one spoonful. Volume according to the use.

Estimated time to wash 48 MIN.

Time to wash 3

Time to wash E1

## The estimated amount of washing

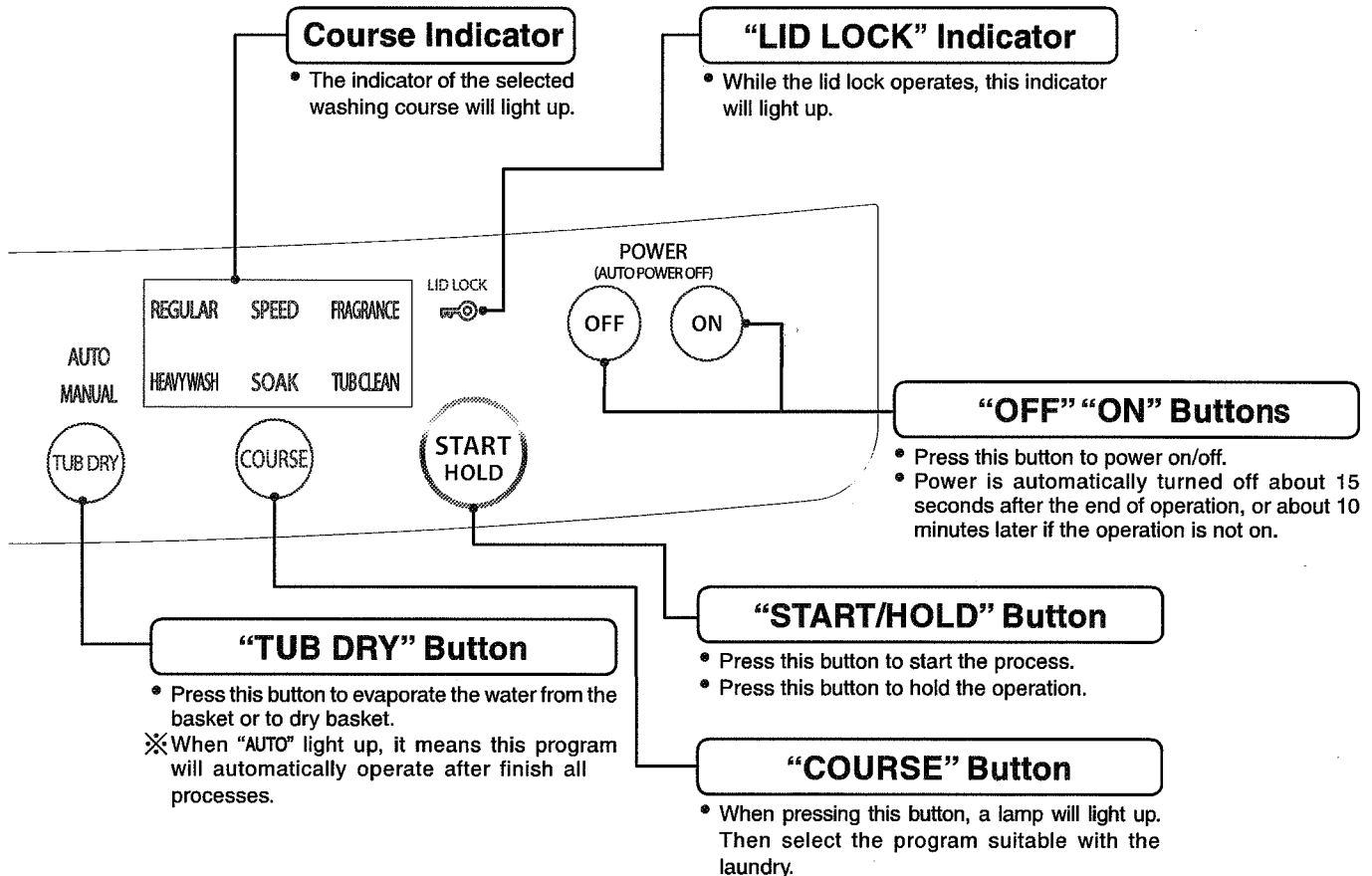
Rated capacity (kg)	Amount /spoon cup	Manual Water Level Setting	Detergents (Normal type)		Softener	
			Powder	Liquid	Normal Type	Concentrated Type
8.0	1.1 (0.5)	58L	Approx. 38g (Approx. 19g)	Approx. 38g (Approx. 19g)	Approx. 35mL (Approx. 17mL)	Approx. 12mL (Approx. 6mL)
	1.0 (0.5)		Approx. 35g (Approx. 17g)	Approx. 35g (Approx. 17g)	Approx. 32mL (Approx. 16mL)	Approx. 11mL (Approx. 5mL)
	0.9 (0.4)		Approx. 32g (Approx. 16g)	Approx. 32g (Approx. 16g)	Approx. 29mL (Approx. 14mL)	Approx. 10mL (Approx. 5mL)
	0.8 (0.4)		Approx. 30g (Approx. 15g)	Approx. 30g (Approx. 15g)	Approx. 27mL (Approx. 13mL)	Approx. 9mL (Approx. 4mL)
1.8	0.7 (0.4)	41L	Approx. 27g (Approx. 13g)	Approx. 27g (Approx. 13g)	Approx. 24mL (Approx. 12mL)	Approx. 8mL (Approx. 4mL)
	0.6 (0.3)		Approx. 24g (Approx. 12g)	Approx. 24g (Approx. 12g)	Approx. 21mL (Approx. 10mL)	Approx. 7mL (Approx. 3mL)
0.5	0.5 (0.3)	26L	Approx. 17g (Approx. 8g)	Approx. 17g (Approx. 8g)	Approx. 14mL (Approx. 7mL)	Approx. 6mL (Approx. 3mL)
	0.4 (0.2)		Approx. 14g (Approx. 7g)	Approx. 14g (Approx. 7g)	Approx. 11mL (Approx. 5mL)	Approx. 5mL (Approx. 2mL)
0.1	0.3 (0.2)	17L	Approx. 11g (Approx. 5g)	Approx. 11g (Approx. 5g)	Approx. 8mL (Approx. 4mL)	Approx. 4mL (Approx. 2mL)

### Course Indicator

- The indicator of the selected washing course will light up.

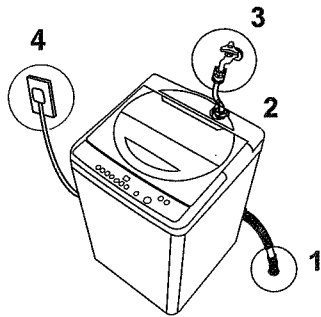
### "LID LOCK" Indicator

- While the lid lock operates, this indicator will light up.



# HOW TO OPERATE

## Preparation



- 1 Set drainage hose for drain.
- 2 Set the water inlet hose correctly
- 3 Turn the water faucet on.
  - Make sure that there are no signs of water leakage at water faucet or water inlet.
- 4 Connect the power plug.

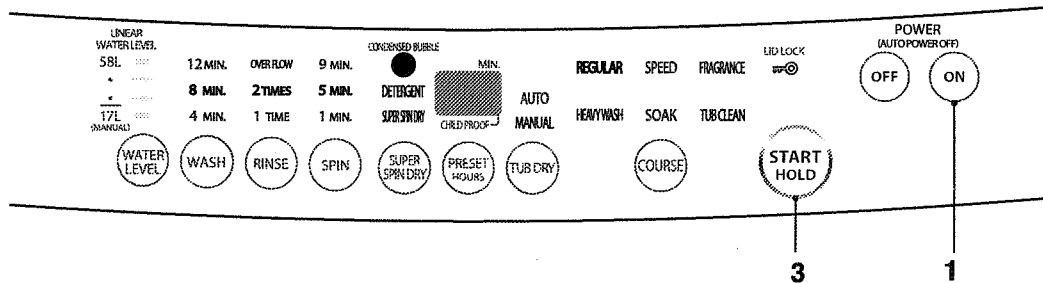
Before installing the washing machine.

- 1 Make sure to attach the bottom cover. (See more details in page 15)
- 2 Make sure that the ground connect to socket outlet properly.

## COURSE

### REGULAR course

Normal clothes can be washed through the optimum courses from washing to spinning.



### "REGULAR" course

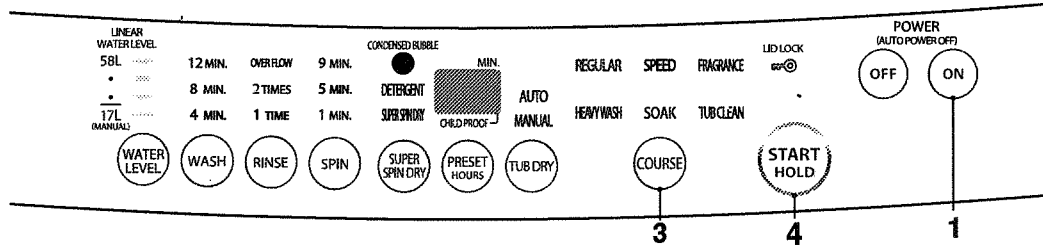
Water level, water current and time are automatically selected according to the amount of laundry detected automatically. Put the laundry evenly and confirmly. If it is not, a lower or higher water level may be set.

- 1 Turn the power **ON**.
    - The washing machine will be lighted up at "REGULAR" course
  - CONDENSED BUBBLE
    - The "CONDENSED BUBBLE" is set automatically.
    - The washing machine starts flowing water at the low level to absorb the concentrated detergent into the laundry in order to remove the dirt efficiently.
  - 2 Put the laundry in the basket.
  - 3 Press the **START HOLD** button.
    - The pulsator automatically detects the amount of laundry, Then indicator will be show the amount of concentrated detergent and water level suitable for the laundry amount.
    - You can select water level as your desire.
  - 4 Put in the detergent bleach and softener according to the guide in page 5.
  - 5 Close the lid.
    - If you forget to close the lid, [E2-1] error occurs in 1 minute.
- At the end of cycle
- A "beeping" sound will be heard when the operation is finished.
  - The power will turn off automatically.
  - Close the faucet and clean the cassette filter.

# HOW TO OPERATE

## "SPEED" course


For light soiled clothes it washes with normal water current mode and shorter washing times.



## "SPEED" course

It is especially for light soiled clothes. It washes with regular water current mode and shorter washing time.

- SOFTENER CANNOT BE USED.
- This course is recommended for water saving wash.


1 Turn the power .

### CONDENSED BUBBLE

- The "CONDENSED BUBBLE" is set automatically.
- The washing machine starts flowing water at the low level to absorb the concentrated detergent into the laundry in order to remove the dirt efficiently.

2 Put the laundry in the basket.

3 Press the  button then select program "SPEED".

4 Press the  button.

- The pulsator automatically detects the amount of laundry, Then indicator will be show the amount of concentrated detergent and water level suitable for the laundry amount.
- You can select water level as your desire.

5 Put in the detergent bleach and softener according to the guide in page 5.

6 Close the lid.

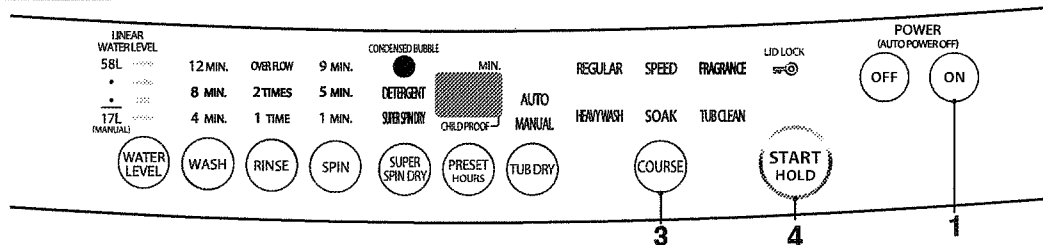
- If you forget to close the lid, [E2-1] error occurs in 1 minute.

At the end of cycle

- A "beeping" sound will be heard when the operation is finished.
- The power will turn off automatically.
- Close the faucet and clean the cassette filter.

## "FRAGRANCE" course


This course is to maximize the effect of softener, which results in perfumed feeling.



## "FRAGRANCE" course

The method would be almost same as "REGULAR" course.


- SOFTENER MUST BE USED. (Refer to page 5 and 13.)


1 Turn the power .

### CONDENSED BUBBLE

- The "CONDENSED BUBBLE" is set automatically.
- The washing machine starts flowing water at the low level to absorb the concentrated detergent into the laundry in order to remove the dirt efficiently.

2 Put the laundry in the basket.

3 Press the  button then select program "FRAGRANCE".

4 Press the  button.

- The pulsator automatically detects the amount of laundry, Then indicator will be show the amount of concentrated detergent and water level suitable for the laundry amount.
- You can select water level as your desire.

5 Put in the detergent bleach and softener according to the guide in page 5.

6 Close the lid.

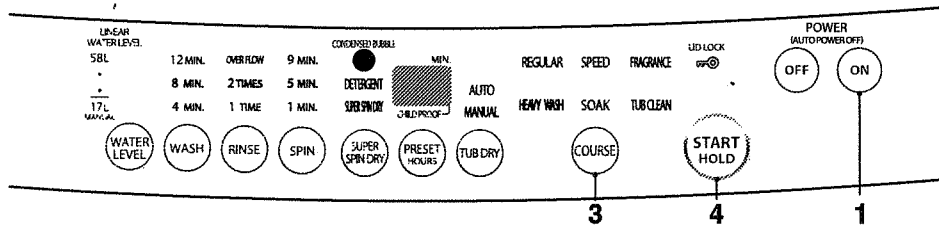
- If you forget to close the lid, [E2-1] error occurs in 1 minute.

At the end of cycle

- A "beeping" sound will be heard when the operation is finished.
- The power will turn off automatically.
- Close the faucet and clean the cassette filter.

# HOW TO OPERATE

**"HEAVY WASH" course** When you force to clean clothes thoroughly.



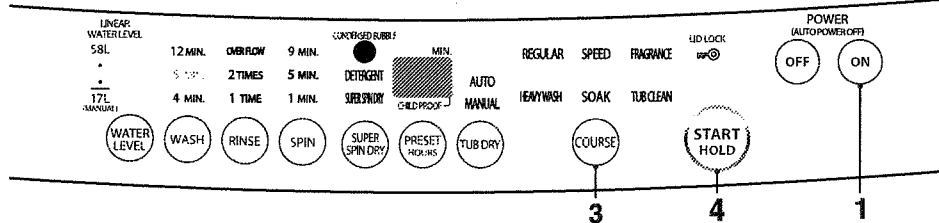
## "HEAVY WASH" course

It is especially for heavy soiled clothes. It washes with stronger water current

- 1 Turn the power **ON**.  
CONDENSED BUBBLE
    - The "CONDENSED BUBBLE" is set automatically.
    - The washing machine starts flowing water at the low level to absorb the concentrated detergent into the laundry in order to remove the dirt efficiently.
  - 2 Put the laundry in the basket.
  - 3 Press the **COURSE** button then select program "HEAVY WASH".
  - 4 Press the **START HOLD** button.
    - The pulsator automatically detects the amount of laundry. Then indicator will be show the amount of concentrated detergent and water level suitable for the laundry amount.
    - You can select water level as your desire.
  - 5 Put in the detergent bleach and softener according to the guide in page 5.
  - 6 Close the lid.
    - If you forget to close the lid, [E2-1] error occurs in 1 minute.
- At the end of cycle
- A "beeping" sound will be heard when the operation is finished.
  - The power will turn off automatically.
  - Close the faucet and clean the cassette filter.

## "SOAK" course

When washing seriously dirty clothes and expecting to prevent them from turning yellow.



## "SOAK" course

This method is used to wash clothing which easily absorbs stains and clothes with noticeable stains such as underwear and shirts as well as seriously dirty overalls, gym suits and thick socks.

- The time requirement is 1 hour, 2 hour, 3 hour.
- 1 Turn the power **ON**.  
CONDENSED BUBBLE
    - The "CONDENSED BUBBLE" is set automatically.
    - The washing machine starts flowing water at the low level to absorb the concentrated detergent into the laundry in order to remove the dirt efficiently.
  - 2 Put the laundry in the basket.
  - 3 Press the **COURSE** button then select program "SOAK".
  - 4 Press the **START HOLD** button.
    - The pulsator automatically detects the amount of laundry. Then indicator will be show the amount of concentrated detergent and water level suitable for the laundry amount.
    - You can select water level as your desire.
  - 5 Put in the detergent bleach and softener according to the guide in page 5.
  - 6 Close the lid.
    - If you forget to close the lid, [E2-1] error occurs in 1 minute.
- At the end of cycle
- A "beeping" sound will be heard when the operation is finished.
  - The power will turn off automatically.
  - Close the faucet and clean the cassette filter.



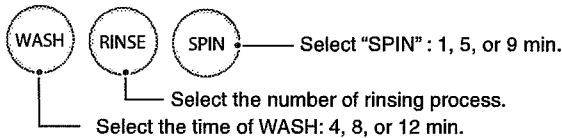
# CUSTOM WASH CYCLES

At first, the value for each cycle is the standard setting. The user can change the time of washing, of rinsing and of spinning on every cycle by pressing the buttons. The cycle can be set as you desire, e.g. spin only, reuse the washed water/detergent.

- When the washer start to operate from "RINSE", the water level will be at the highest.
- **Static rinsing** means water will be filled at the appropriate level. Clothes will be stirred by the pulsator to clean detergent out, then water will be drained.
- **Shower rinsing** means during filling water, the basket will rotate in order to clean detergent out of clothes thoroughly, and water will be drained at the same time.
- **Overflow rinsing** means water will be filled at the appropriate level and keep filling all the time. During draining, clothes stirred by the pulsator to clean detergent out at the same time.

## "REGULAR" "HEAVY WASH" course

12 MIN. OVERFLOW 9 MIN.  
8 MIN. 2 TIMES 5 MIN.  
4 MIN. 1 TIME 1 MIN.



### Rinsing process

PROGRESS INDICATOR	PROCESS
"1 TIME"	Static rinsing
"1 TIME", "OVERFLOW"	Overflow rinsing
"2 TIMES"	Shower rinsing (1 time)    Static rinsing
"2 TIMES", "OVERFLOW"	Shower rinsing (1 time)    Overflow rinsing
"1 TIME", "2 TIMES"	Shower rinsing (1 time)    Static rinsing    Static rinsing
"1 TIME", "2 TIMES", "OVERFLOW"	Shower rinsing (1 time)    Overflow rinsing    Overflow rinsing

■ The change for each conditions.

1 Open the lid and put the laundry in the basket. And select the desired cycle.

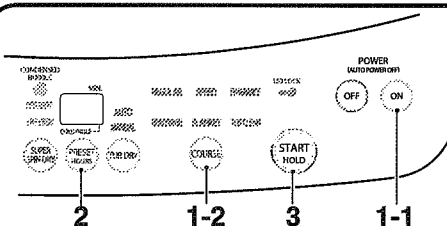
2 Set the custom wash cycle ( WASH RINSE SPIN ).

Conditions	Cycle	Button
• Re-use the detergent. • Melt the detergent before use.	WASH only	WASH
• Re-use the washed water.	WASH and RINSE	WASH RINSE
• Wash clothes with different soil separately and then spin all together.	WASH and SPIN	WASH SPIN
• Rinse the washed laundry only. (Spin before rinse.)	RINSE only	RINSE
• Both rinse and spin. (Spin before rinse.)	RINSE and SPIN	RINSE SPIN
• Select the desired cycle from washing to spinning.	WASH RINSE and SPIN	WASH RINSE SPIN
• Spin only. (Drain before spin.)	SPIN only	SPIN
• Drain the water from the wash tub. (Open the lid. Press OFF after "E2-1" displays)	DRAIN only	SPIN

3 Press the START HOLD button.

■ If using with automatic "TUB DRY", select "WASH", "RINSE" and "SPIN" or at least "RINSE" and "SPIN" should be selected.

# PRESET MODE



### TO SET/RESET PRESET MODE

- Turn the POWER OFF when you want to delete memory. If you wish to change preset time, turn the POWER OFF. And then set to new preset time.

### TO CONFIRM PRESET TIME

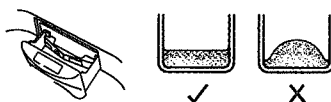
- Display preset time when you open the lid or press the PRESET HOURS button.
- The finished times for the preset and the actual times are different because of the water pressure and the drainage condition.

### How to use preset mode

- 1 Turn the POWER ON and select COURSE button.
  - ▶ Put the laundry in the basket and select your favorite course or water level. Set the custom wash cycle.
- 2 Press the PRESET HOURS button to preset the time.
  - The displayed time can be changed from 2 to 12 hours by increasing 1 hour per press.
  - Cannot use with "TUBCLEAN" course.
  - Check if the faucet is on.
- 3 Press the START HOLD button.
- 4 Put the detergent according to the detergent guide and then close the lid.

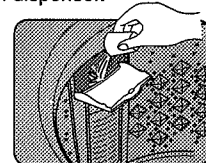
#### POWDER DETERGENT

Pull the detergent case, then place the detergent evenly in the case. Then shut the case.



#### LIQUID DETERGENT

Pour the liquid detergent into the bleach dispenser.



# SUPER SPIN DRY

## ■ The amount of laundry/once of spin

Less than 5.0 kg

## ■ Setting time for spinning

- You can manually set the time of spinning according to the following guide:

If you would like to shorten the time of drying clothes in the room: 30 min

If you would like to almost dry the synthetic clothes: 90 min

## ■ The clothes which cannot be performed spin drying

"SUPER SPIN DRY" program will use a long time to spin with high speed. Please do not spin the following clothes:

- Easily color bleeding clothes
- Easily wrinkled clothes (e.g. blouse, 100% cottons, or shirts)
- Easily transformable clothes
- Waterproofed clothes

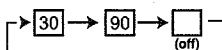
Select "SUPER SPIN DRY" only.

- 1 Turn the POWER (ON) and put the laundry in the wash tub.

- 2 Press the (SPIN) button.

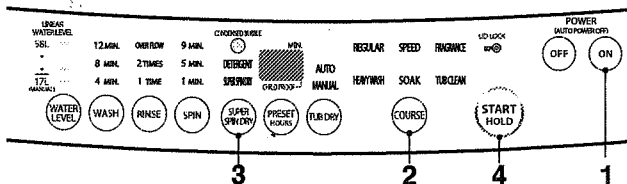
- 3 Press the (SUPER SPIN DRY) for select time.

- The "SUPER SPIN DRY" and "9 MIN" indicators will light on and spinning time will display.



- 4 Close the lid and press the (START HOLD) button.

After the end of operation, there will be "beep" sound.



Select "SUPER SPIN DRY" from the (WASH, RINSE, SPIN) cycle.

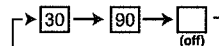
- 1 Turn the POWER (ON) and put the laundry in the wash tub.

- 2 Press the (COURSE) button to select the program.

- You can set "SUPER SPIN DRY" with "REGULAR" and "HEAVY WASH" course.
- You cannot use "AUTO TUB DRY" if "SUPER SPIN DRY" selected.

- 3 Press the (SUPER SPIN DRY) button and select the desired time.

- The "SUPER SPIN DRY" and "9 MIN" indicators will light on and spinning time will display.



- 4 Press the (START HOLD) button.

- 5 Put the detergent as the display and close the lid.

- If you forget to close the lid, [E2-1] error occurs in 1 minute.

**After the operation:** the buzzer will beep when the washer completes the operation.

- Turn off the faucet and clean the cassette filter.

# CHILD PROOF MODE (if you have small children)

This model is equipped with CHILD PROOF mode. After this mode is set to ON, the lid will be locked during operation. If you find the accident such as children's falling into the wash tub, please take necessary safety action urgently. If there are small children who require attention, set this mode ON.

**WARNING:** Pay attention to small children. Do not leave the lid open. Do not leave the washer filled with water. Never allow children to look into the basket or play around the washer. Do not place the stand or box etc. near the washer.

## HOW TO SET CHILD PROOF MODE

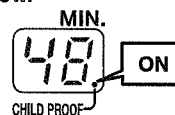
Press the (START HOLD) button, then the washing machine begins operating.

After that put in the detergent according to the detergent guide, then follow the instruction below.

Hold down the (PRESET HOUR) button, press the (START HOLD) button once again.

- A buzzer will sound, the CHILD PROOF mode and (LID LOCK) lid lock indicator will be light up.

Once the CHILD PROOF mode is set, it is stored in memory.

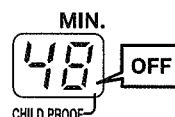


## HOW TO Canceling the CHILD PROOF mode

Hold down the (PRESET HOUR) button, press the (START HOLD) button once again.

- A buzzer will sound, the CHILD PROOF mode and (LID LOCK) lid lock indicator will be canceled. (for rinse to spin cycle lid lock indicator cannot be canceled).

Once the CHILD PROOF mode can be canceled even during the operation.



■ Cannot add detergent while the machine operates in child proof mode. The lid lock is activated.

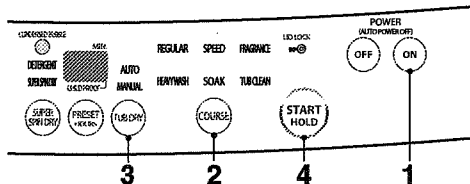
■ Open the lid while the machine is in lid lock mode can cause the accident and damage. The buzzer will sound and the operation will stop, then water will be drained.

## TUB DRY CYCLE

"TUB DRY" cycle can remove all drops of water left in the wash tub/spin basket in order to prevent mold. You can select two modes of this cycle.

### Automatic "TUB DRY"

Automatically drying wash tub/spin basket after finish automatic wash course.



- 1 Turn the POWER (ON) put the laundry into the tub.
- 2 Press (COURSE) button to select course.
  - Automatic "TUB DRY" cannot use with "SUPER SPIN DRY" mode.
- 3 Press (TUB DRY) button to activate Automatic "TUB DRY" cycle.
  - ▶ "AUTO" indicator will light up.
  - Once Automatic "TUB DRY" is set, it is stored in memory no need to reset every time. When you power on the machine next time, the "AUTO" indicator will light up.
  - ※ Automatic "TUB DRY" can be cancel by press (TUB DRY) button until "AUTO" and "MANUAL" lights out.

- 4 Close the lid and press (START HOLD) button and follow the usual operation until finishing process.

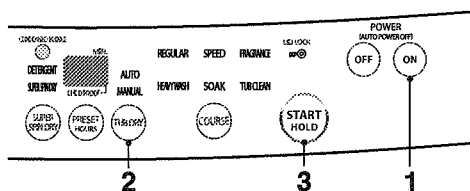
- The "beep" sound will be heard when spinning is finished.
- Close the lid after take out all clothes from the wash tub/spin basket.
- Automatic "TUB DRY" cycle will be started after lid closed 30 min. (the program will check to ensure that tub is empty and lid is closed).
- Drying tub cycle operate approximately 30 min.
- If you want to immediately activate Automatic "TUB DRY", press (START HOLD) button after you take out all clothes and close the lid.
- ※ If have any clothes in wash tub/spin basket or lid open long time more than 30 min., automatic "TUB DRY" cycle will be cancel.

### Finish Automatic "TUB DRY" cycle

- The "beep" sound will be heard when operation is finished.

### Manual "TUB DRY"

Drying wash tub/spin basket only. Do not put any clothes in wash tub/spin basket.



- 1 Turn the POWER (ON).
- 2 Press (TUB DRY) button to select Manual "TUB DRY" cycle.
  - ▶ "MANUAL" indicator will light up.
  - Others course and mode cannot be select.

- 3 Close the lid and press (START HOLD) button.

- Please check no cloth in wash tub/spin basket before close the lid.
- Drying tub cycle operate approximately 30 min.

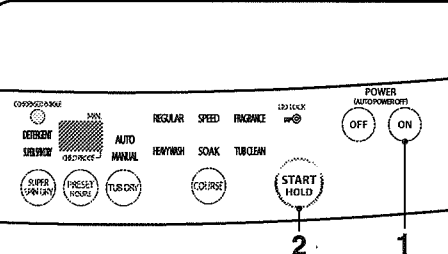
### Finish Manual "TUB DRY" cycle

- The "beep" sound will be heard when operation is finished.

### NOTICE

- The amount of mold in the wash tub/spin basket less or much depend on the operation of the washer.
- If there is mold in the wash tub/spin basket cannot easily removed by using "TUB DRY" cycle once. Please use this mode one time or more in one week. If mold occur, you should use "TUB CLEAN" course (P.17).

## RESUME FUNCTION (POWER FAILURE RECOVERY)



If the power supplies failure occurring while in operated, the washing machine shall be memorized remains process. After the power supplies are recovered, you can resume starting remain process by :

- 1 Press the (ON) button to switch on the machine.
  - ▶ Observation: A sound will be heard about 5 seconds then course and remains process indicator will blink.
- 2 Press the (START HOLD) button to start remain process.

**NOTE** • For "PRESET", if the power failure occurs before the machine starts operating, the machine will cancel the preset time. Therefore, you have to reset the time.


- Press the (OFF) button to clear the remaining process.

## LID LOCK RELEASE



**Caution : Do not open the lid while  lights up. (The lid may be damaged.)**  
**During operation, the lid will be automatically locked.**  
**At the end of operation, the lid will be automatically unlocked.**  
**When you need to release the lid.**

### ■ During operation

Press the  button to hold the operation.

When  lights off, the lid can be open.

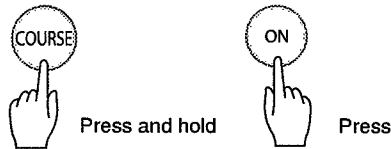
### ■ While the power is off



Turn  When  lights out, the lid can be open.  
 (When the power is turned off or shut down during operation, the lid still remain locked.)

## OPTION MODE

### If you wish to turn off the end buzzer sound

- You can turn off the buzzer sound by

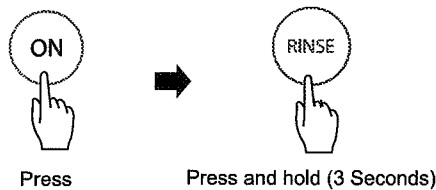



**1** Press the  button and hold. Then press the POWER  button. After buzzer beeps 3 times, the end buzzer disabled.


**2** Follow this instruction when you want to reset to enable the buzzer.

\* After you set the buzzer, the washer will keep the setting in memory. So it is not necessary to reset the buzzer every time.

### If you wish to change the shower rinse to the static rinse



**1** Press  button to turn on the washer.

**2** Press the  button and hold for 3 seconds. The buzzer sound will be heard and the course will be set within 5 seconds. After that, turn off the washer.

- Follow this instruction for the shower rinse, and the buzzer sound will be heard.



- After the setting, the washer will keep the setting in memory. So it is not necessary to reset every time.

### If you feel the amount of water is less or much

Water level is automatically set to suit the amount of laundry. If you feel the amount of water is less or much, you can adjust it as the following.

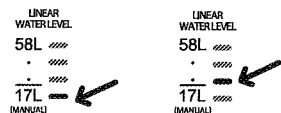
If you feel the amount of water is much.


If you feel the amount of water is less.

Turn the POWER  with pressing the .

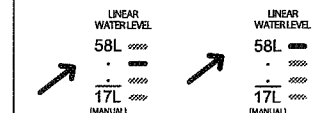
Adjust by pressing .

Press twice. Press once.  
 [Decrease approx. 10L] [Decrease approx. 5L]



Adjust by pressing .

Press once. Press twice.  
 [Increase approx. 5L] [Increase approx. 10L]



Turn the POWER . [Finished adjusting]

\* Set it once, it is written in memory. You don't have to set it on each laundry.

# LAUNDRY GUIDE

## When using detergent and bleach

- Put powder detergent or pour liquid detergent in the entry gate of Detergent and Bleach dispenser.

Opening and closing of the Detergent and Bleach dispenser.

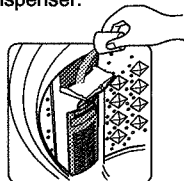
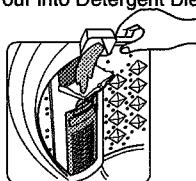


- 1 Hold the groove of the entry gate with your fingers, and pull the cover out while pressing the hook.



- 2 After putting in detergent, close the cover until "a clicking sound" is heard.

- Pour into Detergent Bleach Dispenser.

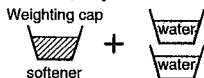


### Caution

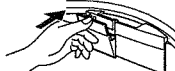
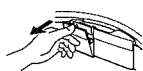
- Colored and dyed fabrics may lose their color if washed in bleach, so be sure to consult the instructions on the bleach container before washing.
- Do not apply chlorine bleach directly to laundry items.
- Do not allow bleach to spill on the panel plate. If you spill bleach, wipe it away.

## When using softener

1. Hold the upper side of softener tray.
  2. Push down and pull it towards you.
  3. Pour the softener into the softener tray.
- If the concentrated softener is used, dilute it with water before pouring it into the insertion case. Use 2 parts water, 1 part concentration softener.



4. Return softener tray to softener case by fit the bottom side.
5. Push its until a "click" sound is heard.



- The softener automatically flow into the basket during the final rinse.
- The amount of softener varies with the brands. Follow the instruction on the softener label.

### Caution

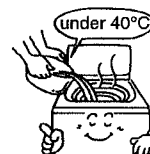
- You cannot see the softener poured into the dispenser while rinsing. Because it moves to the three parts in the case for using the centrifugal force at spinning.
- Softener effectiveness is reduced when OVERFLOW RINSE is used.
- Do not open the lid while spinning. The softener dispensation timing will be thrown off and effectiveness reduced.
- Do not leave softener in the softener case for long periods.
- Softener cannot be used with "Speed course"

## In case of water may freeze

Drain all water from the basket, drainage hose and water inlet hose after using the machine.

### If the water is frozen

- 1 Remove the water inlet hose and pour in warm water (under 40°C).
- 2 Fill warm water (under 40°C) into the basket until the pulsator is completely covered. Leave it for 30 minutes. Then check to see whether the pulsator can be turned by hand.

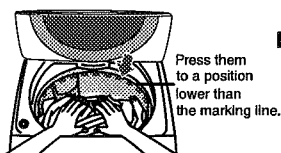
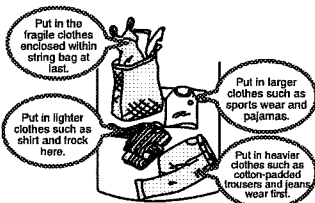


## Method of putting in clothes

### Put in larger clothes or buoyant ones first.

Buoyant clothes such as

- 100% chemical fiber material, like overall.
  - 100% chemical fiber or blending fiber material, like flannelette.
- (Chemical fiber means polyester fiber, acrylic emulsion or nylon fiber.)




Even articles labeled as washable by washing machine, such as pillow, cushion and buffer, can not be washed by this type of machine, because they can not be sufficiently immersed with detergent even press them after flowing water. Furthermore, clothes may fly out of the tub or failure will occur during spinning.

Clothes need to be put in as evenly as possible and fully pressed into the tub.

- Baggy clothes which are subject to deform need to be washed separately.

### Adding clothes during washing

Please press  button and add more clothes after the machine fully stops. Press the clothes from above to make them soaked with the detergent.

# INSTALLATION

## Choosing an installation location

### Install your washing machine in a level, stable place.

- It is dangerous to place the washing machine in an unstable location since it may move during vibration.
- It will increase the sound produced by the machine when it vibrates during use.



### When you move washing machine, hold the handles on the sides.

There are moving parts, electrical parts and steel plates which may cause electrical shock or injury.

- Never touch on the cabinet bottom by hands.
- Never lift at the cabinet bottom by hands.



### When the machine is covered.

Do not use the cover made of chloric vinyl. Sometimes it damages plastic parts and painted surface. When you use the cover made of chloric vinyl, put the cloth between the machine and the cover.

### Avoid place where the machine is exposed to direct sunlight.

- Plastic parts may become deformed or discolored.

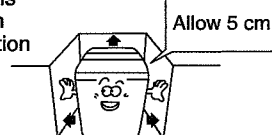


### Avoid places where the machine may become frozen during cold weather.



### Allow a space of at least 5 cm from the sides and rear of the machine to the nearest vertical object.

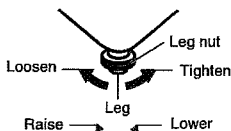
- When placed too near to walls or other objects, the vibration of the machine during operation may cause them to shake.



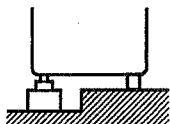
## Leveling the washing machine

Adjust the legs so that the body of your washing machine is level.

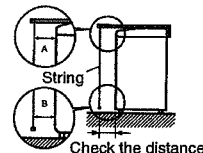
- 1 After loosening the adjusting leg nut, adjust the leg to the proper height by turning it. Then tighten the adjusting leg nut securely once again.



- 2 When the leg height is difficult to adjust because of floor slope or unevenness, place a board of sufficient thickness to prevent breakage under the affected legs to allow adjustment to a level position.



- 3 A weight attached to a string may be used to check to ensure that your washing machine is flat. The difference of the distance between A and B should be less than 1 cm.  $A-B$  or  $|B-A| < 1$  cm.



## Installation the grounding

- Be sure to ground your washing machine when installing. When connecting or disconnecting the ground wire, be sure to first remove the power plug from the AC socket.
- In case of the machine with two conductor cord connect the ground wire to a proper ground before plugging the power cord into the socket.
- In case of 3-core cord the ground pin in the plug should be connected to the proper point of the socket.

Do not connect the ground wire in any of the following places under any circumstances:

- Do not connect the ground to gas piping. There is a danger of fire or explosion.
  - Do not connect the ground to telephone lines or lightning rods. There are dangerous during thunder or lightning storms.
- Also, as underground water pipes are often made of plastic, don't place grounding rods near them.

### Two-core flexible cord

#### When using the ground terminal on an AC outlet:

- Ensure that the ground wire is securely connected to the ground terminal.
- An optionally available grounding rods is re-commended for use. The grounding rod should be planted in the dampest ground possible.

### Three-core flexible cord

#### WARNING THIS APPLIANCE MUST BE EARTHED.

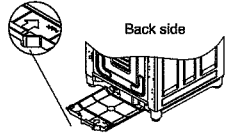
As the colors of the wires in the main lead of this appliance may not correspond with the colored marking identifying the terminals in your plug, proceed as follows.

- The wire which is colored green-and-yellow must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol or colored green or green-and-yellow.
- The wire which is colored blue must be connected to the terminal which is marked with the letter N or colored black.
- The wire which is colored brown must be connected to the terminal which is marked with the letter L or colored red.

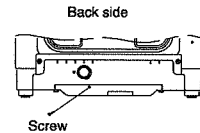
# INSTALLATION

## Installing the bottom cover

- 1 Push the cover into the washing machine from the backside.



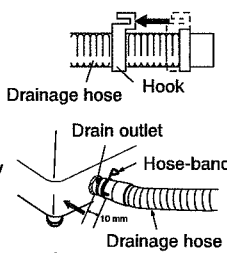
- 2 Tighten screws at 1 positions.



## Installing the drainage hose

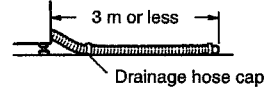
### Moving the hook

- When inserting the drainage hose into a wash pan or onto a drain pipe, the hook may be moved to facilitate the installation.
- When hooking the hose hook into the slot provided on the body of your washing machine, move the hook back to its initial position.
- Insert the drainage hose in as far as it will go, then use the accessory hose band to secure it tightly.
- Secure the hose tightly. An improperly secured hose may cause leakage.
- Lock hose band distance to cabinet about 10 mm as figure.
- When attaching the drainage hose to a wash pan, etc., either leave a gap between the end of the hose and the adjacent surface, or cut the hose diagonally to ensure proper drainage.



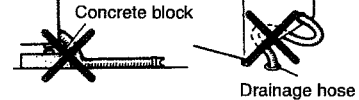
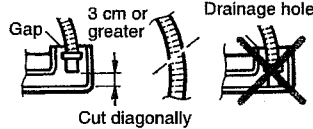
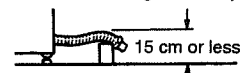
### Drainage hose extension

- Pay close attention to the height of the drainage hose and articles over which it passes. If the drainage hose is too high, proper drainage may not be obtained.
- The length of the drainage hose may be extended to as much as 3 m if kept the same level.



### Caution:

- If the level of the threshold and the drainage hose is high, the washing machine may not be drained.
- Be careful not to rub the drainage hose. Do not insert the drainage hose under the washing machine. They may be damaged the drainage hose.



## Attaching the water inlet hose to the faucet

If you attach the water inlet hose completely, it may cause a water leakage.

### Faucet shape



The distance is needed 1.6 cm or more

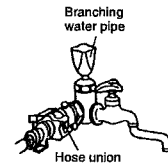


Wall-mounted faucets are best



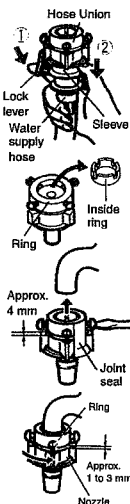
### Caution

- The old inlet hose should not be reused.
- If the faucets are not suited, please contact your dealer.
- Do not connect the hot water supplying convenience.
- In order to provide a permanent source of water for your washing machine, it is suggested that a branching water pipe (available separately) be used.



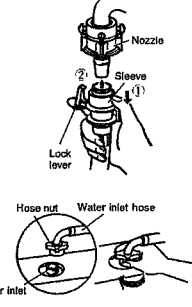
### Attaching the hose union

- 1 Push the lock lever of the water inlet hose. Pulling the sleeve down, lower the entire hose to disconnect the hose union.
- 2 Check the diameter of the faucet. When the faucet mouth is large, loose the screws and remove the inside ring to facilitate attachment.
- 3 Loose 4 screws of the hose union, push the hose union to the water faucet.
- 4 Tighten the four screws evenly around the faucet. In this time check the gap is approx. 4 mm between the nozzle and the ring.
- 5 Remove the seal from the union and turn to the arrow destination the nozzle to tighten securely.
- 6 Check the gap is approx. 1 to 3 mm between the nozzle and the ring.
  - If the gap is wide, it may cause the water leak.
  - If it cause the water leakage during operation, tighten the nozzle more securely.



### Connecting the water inlet hose

- 1 Pull the sleeve down, then insert the water inlet hose.
- 2 Separate the sleeve until a click is heard, then push it up.
- 3 Check to ensure that the lock lever is hung on the nozzle. Next, check to ensure that the water inlet hose does not come off by pulling down on it.
- 4 Tighten the hose nut on the end of the water inlet hose securely to the water inlet valve.

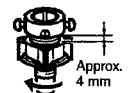


### Caution

- Check to ensure that the water inlet hose is properly installed by turning the water on and checking for leakage. If there is leakage, connect it from the first.
- If you remove the water inlet hose after supplying water, water may splash. Refer to the following — "Removing the water inlet hose". (Refer to P.17)

### Caution

- If you attach the hose union again because of moving house etc., loose the gap is approx. 4 mm between the nozzle and the ring. Then attach it according above methods. They are preventable the water leakage.



# MAINTENANCE

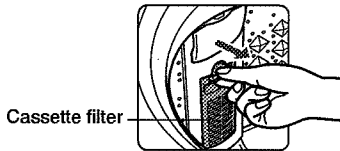
## Cassette filter

Clean the cassette filter at the end of operation.

### Cassette filter

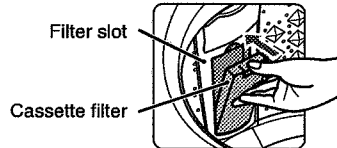
#### How to remove

Hold the upper side of the cassette filter, and push down and pull it at the same time.



#### How to set in

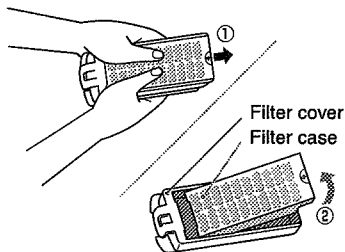
Hold the filter case with its top side up. Put the lower side of the filter case in the filter stand, and then push it until a "click" sound is heard.



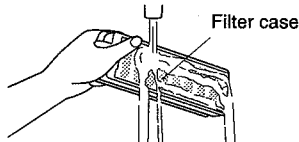
### Filter cover

#### How to remove

Turn over the filter, and then slide the filter case in the arrow direction of the following figure (1) to remove it (2). Clean inside the filter cover and the filter case.

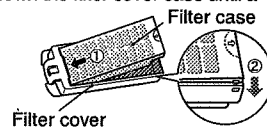


※ When it is difficult to remove the filter case due to lint attached, wet it with water to soften the lint.



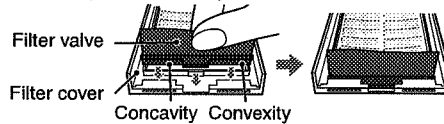
#### How to set in

- ① Set the filter case to the filter cover as follows.
- ② Press down the filter cover case until a "click" sound is heard.

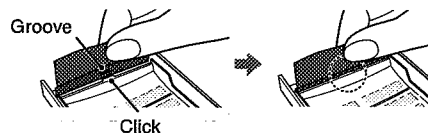


#### When the filter valve inside the filter cover is loosened

- ※ If the filter valve is loosened, lint may not be collected.
- ① Set the filter valve to the filter case while aligning its concavity and convexity to those of the filter case.



- ② Insert the groove of the filter valve to the click at the center of the filter cover.



## Detergent and Bleach dispenser

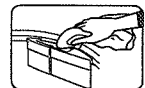
Wipe or Wash out any remaining detergent. If there is any remaining detergent hard to be removed, use the "TUBCLEAN" course.

- Before put detergent or bleach in the detergent and bleach dispenser, remove water in its inlet.



With any remaining water, detergent may be hardened and attached.

- Wipe away off the dust or grime and remain water on the softener case, its may be hardened and attached.



## Washing machine body and panel

Before performing any maintenance on your washing machine, be sure to remove the electrical plug from its power source.

The main body and panel plate may be cleaned by wiping with a soft cloth soaked in water. (Hard-to-remove dirt may be cleaned by wiping with a soft cloth soaked in a mild detergent.)

**Caution:** Never clean the body or panel plate with benzene, thinner, cleanser, or other chemical cleaners. Use of such chemicals can discolor or damage parts.

## If the stainless basket rust for external reasons

Please clean the rust by a sponge or a soft cloth with a cream cleaner.

- ※ Do not use metallic brush because the body may scratch and easily rust.

#### Stainless rust

The stainless basket usually prevents the rust. However, there is possible to have it. Please follow the recommendation to prevent rust.

- Do not put the metallic objects into the machine, e.g. Hair clip.
- After draining the water, the rusted water will be drained. This will caused the accumulated rust inside the washing machine. Clean it again with clean water.





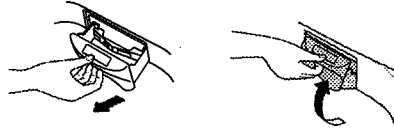
# MAINTENANCE

## Detergent case

Remove the case to clean it. In addition, wipe away any dirt from the water inlet valve.

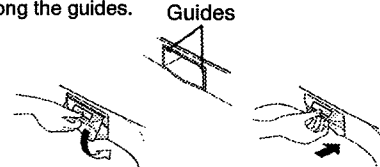
### Removing procedure

Pull the detergent case toward you, then lift it for removal.



### Remounting procedure

Lift the case obliquely in the same way as you remove it, and insert it deeply along the guides.



## Cleaning the tub

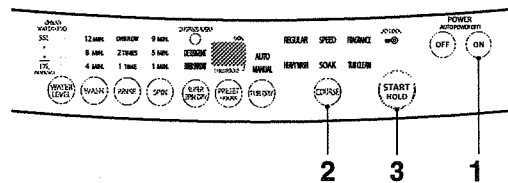
### "TUBCLEAN" course

The dirt from clothes or wastewater on the basket will cause the smell or the problem of water draining. Such dirt from the washing process will then make the laundry dirty. If you are in such case, **please use "TUB CLEAN" program twice a month.** Or in case the clothes have been starched, please use the "TUBCLEAN" program to remove the dirt of the starch from the basket.

■ "TUBCLEAN" Process (Example : 1H of "TUBCLEAN" course)

Water Intake/Stir (※1)	about 13min
Soak (※3)	about 20 min
Wash	about 4 min
Drain/Spin (※2)	about 3 min
Water Intake/Stir (※1)	about 13min
Rinse	about 4 min
Drain and spin (※2)	about 3 min

- ※ 1 The pulsator stir while the water level increases gradually.
- ※ 2 Time drain and spin are depend on drainage condition and water supply condition.
- ※ 3 The setting time of soak depend on TUBCLEAN course. (1H, 3H, 9H)
  - Do not use "TUBCLEAN" program continuously.



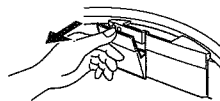
- 1 Turn the POWER ON.
  - 2 Press the COURSE button and select TUBCLEAN.
    - The setting time requirement is 1 hour, 3 hour, 9 hour.
  - 3 Press the START/HOLD button.
    - During the "TUBCLEAN" program, only the TUBCLEAN indicator will light on.
  - 4 When the pulsator (spinning board) starts to stir, add the chlorine-type whitening detergent about 300 ml. to the basket.
    - Add it at the first used water.
    - Do not put any clothes in the basket during the "TUBCLEAN" program.
  - 5 Close the lid.
    - If the lid is opened during the operation, the operation will stop during water intake and stir.
- Finish "TUBCLEAN" process.
- Beeping when the operation is finished.

## Softener tray

Remove and clean after every ten usages.

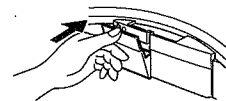
### How to remove.

- 1 Hold the upper side of softener tray by fit the bottom side.
- 2 Push down and pull it towards you.



### How to setting.

- 1 Hold the upper side of softener tray by fit the bottom side.
- 2 Push its until a "click" sound is heard.



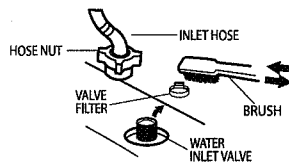
### Caution

- Water in the case may freeze in cold weather. If this occurs, remove the case, immerse in warm water (less than 40°C) for 10 minutes, and replace after dried well.

## If the filling water becomes not good

The water inlet valve may be clogged by lees or grimes.

- You should remove inlet hose and clean valve filter by brush.
- If you remove the water supply carelessly, water may splash. Therefore, use the following procedure.




### Removing the water inlet hose

- 1 Turn off the water faucet.
- 2 Press the ON button to switch on the washing machine.
- 3 Press the WATER LEVEL button 1 time then press the START/HOLD button and waiting 10 seconds.
- 4 Press the OFF button, then loosen the hose nut remove inlet hose.
- 5 Take off valve filter from inlet valve then cleaning it.
- 6 Return valve filter to inlet valve after cleaned.













# BEFORE CALLING THE SERVICEMAN

WHEN	CHECK	TREATMENT
<b>does not operate</b>	<ul style="list-style-type: none"> <li>• Is there a power outage?</li> <li>• Is the circuit breaker or fuses cut off?</li> <li>• Is the machine's plug properly inserted into an AC socket?</li> <li>• Is the power switch ON?</li> </ul>	Please confirm whether a power failure or fuse breaker is cut. Then draw out power supply plug, insert once again and turn the power switch on.
<b>making noise</b>	<ul style="list-style-type: none"> <li>• Is there the inclination of the laundry?</li> <li>• Is your washing machine installed on an inclined or uneven surface?</li> </ul>	Please correct the inclination or non stability of laundry in the washing machine.
	<ul style="list-style-type: none"> <li>• Are there match sticks, hairpins or metal objects being washed with the laundry?</li> </ul>	Remove them.
<b>water leak</b>	<ul style="list-style-type: none"> <li>• Is the faucet shape suited?</li> </ul>	Adjust the inside ring of the hose union or change faucet shape (Refer to p. 15)
	<ul style="list-style-type: none"> <li>• Are the hose coupling and the nozzle loose?</li> </ul>	Re-attaching the water (Refer to p. 15)
	<ul style="list-style-type: none"> <li>• Is the hose nut loose?</li> <li>• Is the water inlet hose connector clogged?</li> </ul>	Re-attaching the water inlet hose (Refer to p. 15)
<b>does not beep the end buzzer</b>	<ul style="list-style-type: none"> <li>• If you turn the power on and press  immediately, it may not beep the end buzzer.</li> <li>• Is the end buzzer turned off?</li> </ul>	Reset the end buzzer sound to turn on referring to "If you wish to turn off the end buzzer sound. (Refer to P.12)"


### Error Indication List

In the case the buzzer sounds and the display indicates as shown below.

DISPLAY	CHECK	TREATMENT
	<p>About the drainage hose</p> <ul style="list-style-type: none"> <li>• Is the hose mounted correctly?</li> <li>• Is the hose routed horizontally?</li> <li>• Is the hose frozen?</li> <li>• Is the hose damaged? Is the end exposed to water?</li> <li>• Is the drainage hose clogged?</li> </ul>	<ul style="list-style-type: none"> <li>• After checking, open and close the lid once. Press the  button.</li> </ul>
	<ul style="list-style-type: none"> <li>• Is the lid open?</li> </ul>	<ul style="list-style-type: none"> <li>• Close the lid.</li> </ul>
	<ul style="list-style-type: none"> <li>• Is the lid lock stuck with any foreign materials?</li> <li>• Is the lid completely closed?</li> <li>• Is the lid completely locked?</li> </ul>	<ul style="list-style-type: none"> <li>• Turn the power off for checking, and then restart the machine.</li> </ul>
 Display interchangeably	<ul style="list-style-type: none"> <li>• Is the laundry loaded evenly?</li> <li>• Is the laundry unstable or placed on an incline floor?</li> </ul>	<ul style="list-style-type: none"> <li>• Correct the load status of the laundry and the backlash of the machine, then close the lid.</li> </ul>
 Display interchangeably	<ul style="list-style-type: none"> <li>• Are there any symptoms occurring that are similar to those of ?</li> </ul> <p>See the section of  above.</p>	
	<ul style="list-style-type: none"> <li>• Is the faucet closed?</li> <li>• Is the water pipe frozen or the water service interrupted?</li> <li>• Is the water filter/lint collector at the supply port clogged with dirt? If the flow rate of the water is as low as about 0.5L or less per minute, "E5" will be displayed.</li> </ul>	<ul style="list-style-type: none"> <li>• After checking, open and close the lid once, press the  button.</li> </ul>

If the problem is not solved despite checking, unplug the power plug and request repair.

The following are not malfunctions.

When:	Check:
The first time you use your washing machine, a small amount of water may drain out of the drainage hose.	<ul style="list-style-type: none"> <li>This is merely water left over from the performance inspection performed on your washing machine before it was shipped from the factory.</li> </ul>
During operation the control panel gets warm.	<ul style="list-style-type: none"> <li>Because of the electronic parts radiate heat.</li> </ul>
The pulsator rotates a little bit.	<ul style="list-style-type: none"> <li>Because of preventing the laundry unbalancing, it rotates a little bit.</li> </ul>
During washing and rinsing, lamps flickers.	<ul style="list-style-type: none"> <li>It is the cause of the power source wiring in a house. If fluorescence light be changed, it may improve condition.</li> </ul>
During spinning, suddenly supplying the water or rinsing.	<ul style="list-style-type: none"> <li>Because load unbalance occurred and safety switch operated. The spin will cycle resume after supplying water, rotating and correcting the unbalanced load.</li> </ul>
Slushing sounds of remaining water coming from your washing machine after SPIN cycle has been completed.	<ul style="list-style-type: none"> <li>They are made by water retained by the machine for the purpose of maintaining balance and do not indicate malfunction.</li> </ul>
After pausing the machine during the spin cycle, it will not start immediately.	<ul style="list-style-type: none"> <li>There are a short pause before the machine begins to spin as the drainage valve opens sufficiently.</li> </ul>
If operates the machine at spinning on and off.	<ul style="list-style-type: none"> <li>You may hear intermittent motor sound ("coon" sound) in spinning process occurs, this is a sound which occurs in order to control rotation, and not a malfunction.</li> </ul>
Cannot open the lid during the rinsing and spinning process.	<ul style="list-style-type: none"> <li>This is the prevention measure to prevent the user from sticking his hand into the basket</li> </ul>
After water supply shut off or water with iron rust appears.	<ul style="list-style-type: none"> <li>Wait for water becomes clean. Returning type bleach can be used (hydrohiter etc.) when iron rust adhered to the white colored clothes. Avoid using the bleach for colored articles.</li> </ul>
The buzzer does not stop.	<ul style="list-style-type: none"> <li>If the CHILD PROOF mode is set to ON, and the lid is opened while the machine is in operation, the buzzer beeps. Check inside the washing machine. Press  to turn it off.</li> </ul>

## HANDLING METHOD FOR EMERGENCY

When the machine takes on abnormal operation, please disconnect the power plug and send it to our service agency for handling. Never disassemble the machine by yourself, for safety reasons.

## SPECIFICATIONS

Type	Fully automatic washing machine	Maximum water pressure	1.00 MPa
Washing system	Vortex system	Minimum water pressure	0.03 MPa
Rated voltage	230-240V~	Quantity of water	58 L
Frequency	50 Hz	Quantity of used water	123 L
Dimension [WxDxH]mm	585 x 605 x 990	Operation time [Wash only]	12 min
Rated capacity [Dry Clothes Weight]	8.0 kg	Operation time [Regular cycle]	48 min
Maximum rated power input	460 W	IP Number	IPX4
Net weight	31kg	Class of appliance	Class I

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