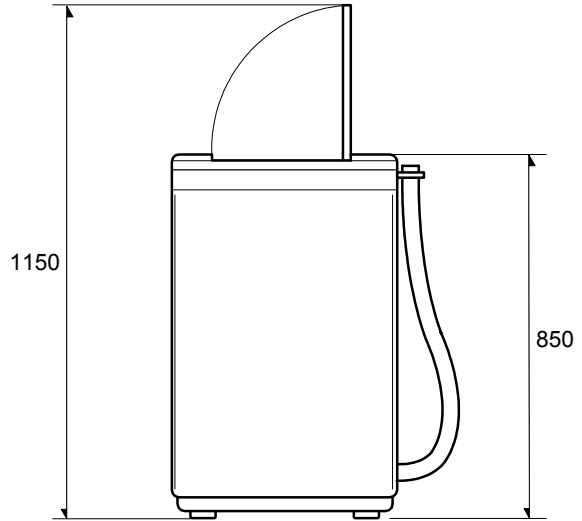
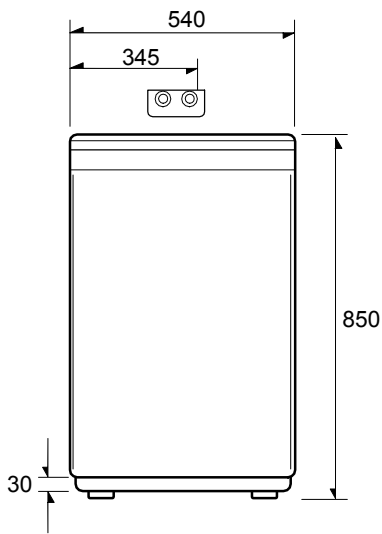


# 3. Features

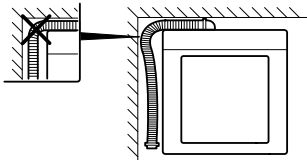
## 3-1 Dimensions



## 3-2 Installation

### 3-2-1 Level Specifications and Wall - Clearance Distances

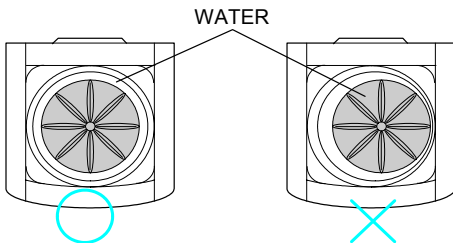
1. Install the washing machine on a solid and level floor.
2. Place the machine at least 10cm away from the wall.
3. Placement on an inclined, weak or rough floor may cause abnormal trembling.



### 3-2-2 Balance

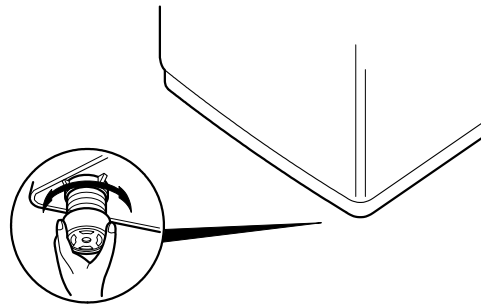
See if machine is placed level by checking the position of the washing tub.

- \* Open the lid of the machine, pour water into the tub up to the level just below the pulsator, and adjust the legs so that the pulsator is positioned at the center of the water as shown in the figure.
- \* Place the machine more than 10cm away the wall.



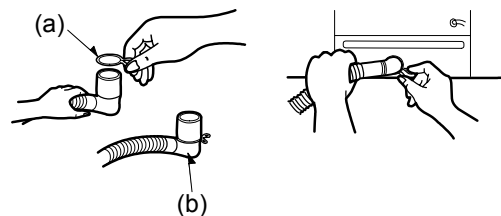
### 3-2-3 Controlling the Front Adjustable Leg

To control the height, turn the adjustable leg.



### 3-2-4 Connecting the Drain Hose

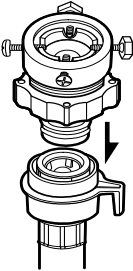
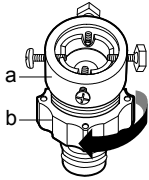
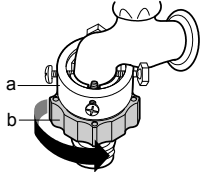
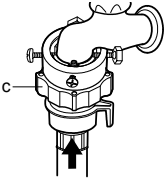
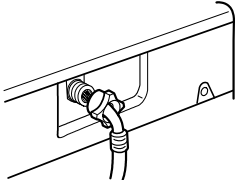
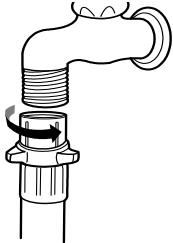
1. After pressing the joint ring(a), insert the drain hose (b) in the drain direction. (Same as pump model.)



2. Install the drain hose about 70~80cm above the ground (for pump model).

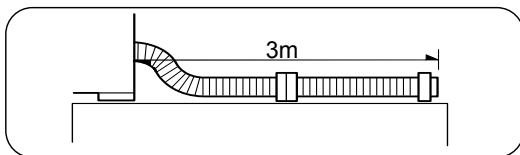


### 3-2-5 Connecting the water supply hose

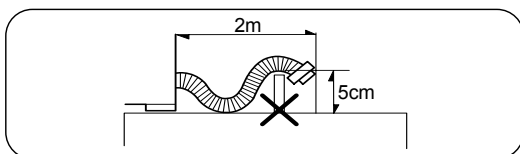
<p>1. Remove the adaptor from the water supply hose.</p> 	<p>2. First, using a "+" type screwdriver, loosen the three screws on the adaptor. Next, take the adaptor and hold parts (a) and (b) with a gap about 5mm between them.</p> 	<p>3. Connect adaptor to the water tap by firmly tightening the screws. Then turn part (b), following the arrow, and put (a) and (b) together.</p> 
<p>4. Connect the water supply hose to the adaptor. Pull down part (c) of the water supply hose. When part (c) is released, the hose is automatically connected to the adaptor, and makes a 'click' sound.</p> 	<p>5. Connect the other end of the water supply hose to the inlet water valve at the back of the washer. Screw the hose clockwise, all the way in.</p> 	<p><b>If the water tap is a screw type, connect a water supply hose that fits to the tap as shown.</b></p> 

### 3-2-6 Positioning the Drain Hose (without pump model)

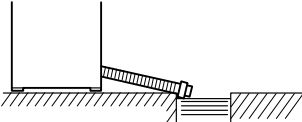
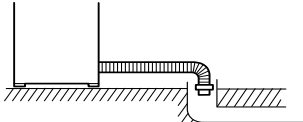
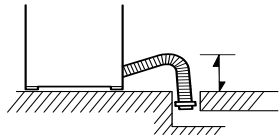
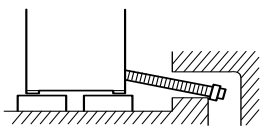
1. When there is no threshold, the length of the drain hose should not exceed 3m.
2. When it is necessary to connect the drain hose with the drain outlet located far away, connect the extension hose and applicable parts (available from dealers or service centers).



3. Do not install the drain hose where it must extend over a threshold of 5cm or more ; do not install where there is a threshold and the hose must extend for more than 2m.



#### 4. Other precautions

 <p>Do not put the end of the drain hose into the water.</p>	 <p>Do not place the hose below the floor level of the drain outlet.</p>
 <p>Do not make the mid part of the hose than the ends positioned higher.</p>	 <p>If the drain hose must be positioned at a high angle, install the washing machine so that it is in an even higher position.</p>

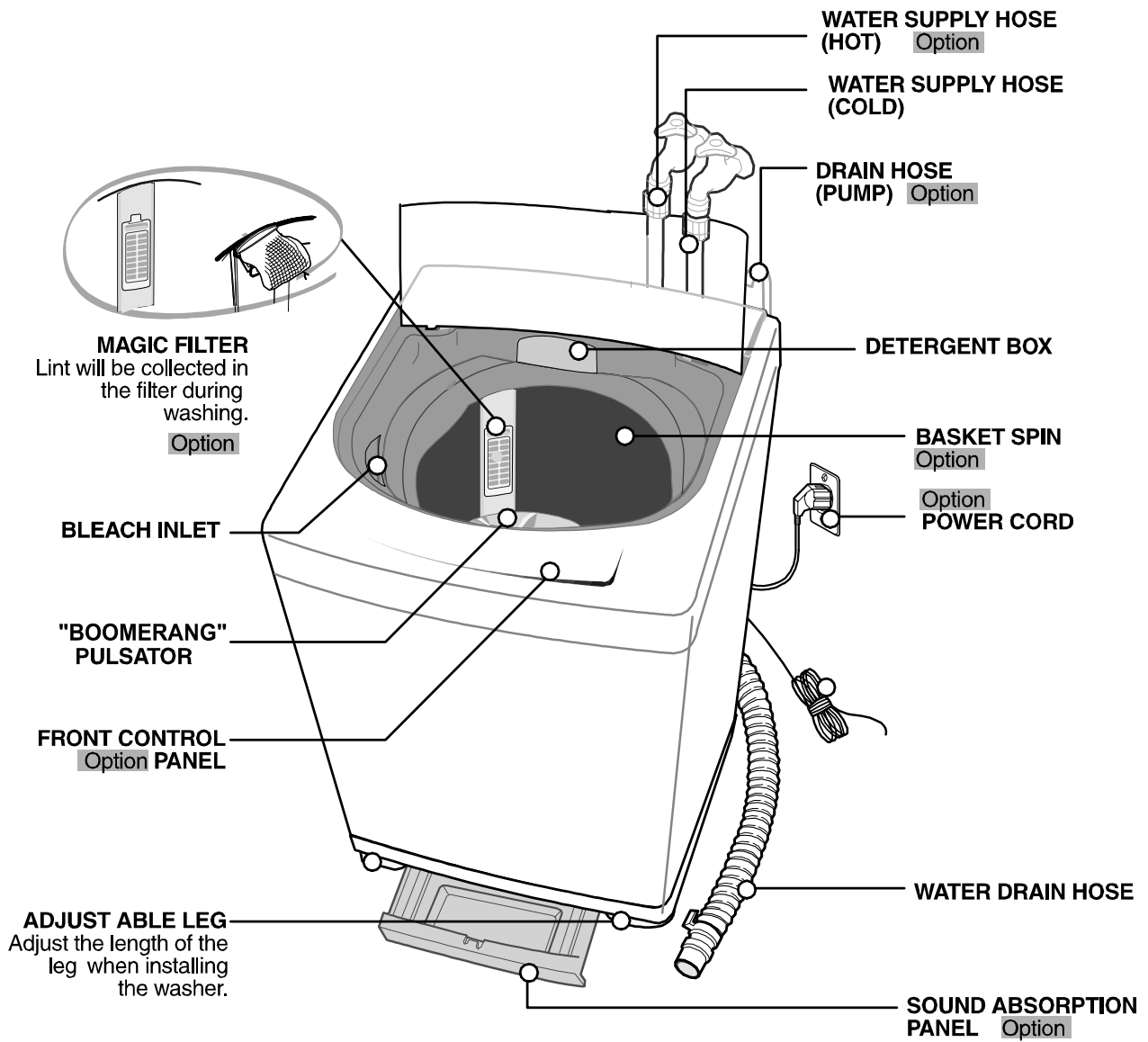
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## 4. Operating Instructions

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### 4-1 Component Identification

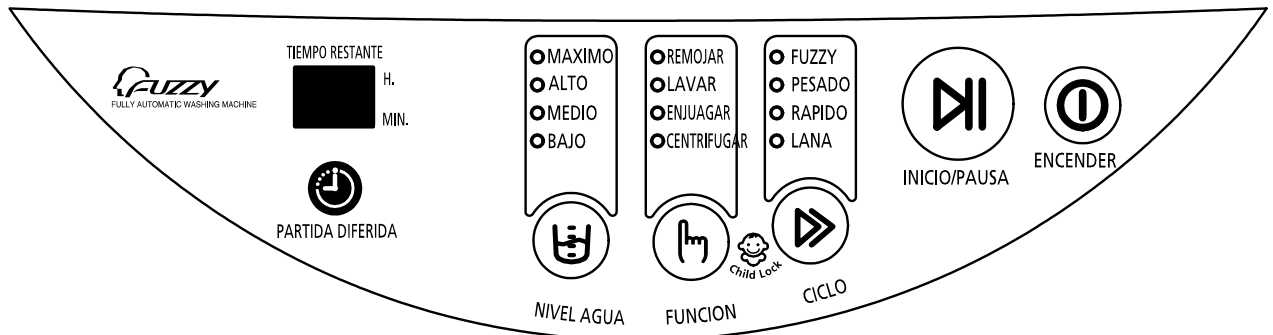
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## 4-2 Control Panel

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### 4-2-(1) REMAINING TIME INDICATOR LIGHT

1. Button controls and washing processes are displayed here.
2. Each icon is described under its control button.

### 4-2-(2) Function Indicator Light

1. In use indicated by a flashing symbol.
2. The light goes out at the end of the function.

### 4-2-(3) Start/Hold

1. Press this button to alternately 'start' or 'hold'.
2. This button is a convenient way to change washing courses or a commands.

### 4-2-(4) Power

1. Press this button for power ON/OFF.
2. When the washing operation is completed, the power automatically turns off and the buzzer sounds off 5 times.
3. Allow at least a 3-second interval before turning the washing machine again .

### 4-2-(5) Delay Start

1. This function is to finish the washing operation at the time user set.
2. You may change the delay start time by using this button. (from 3 hours to 18 hours)

### 4-2-(7) Water Level

1. Press this button to select the water height.
2. The selection order is :  
ALTO → MAXIMO → BAJO → MEDIO
3. Selecting the wool Course limits the water levels to high or medium.

### 4-2-(8) Function

1. The selection order is :  
LAVAR, ENJUAGAR, CENTRIFUGAR →  
REMOJAR, LAVAR, ENJUAGAR, CENTRIFUGAR →  
LAVAR → ENJUAGAR → CENTRIFUGAR →  
LAVAR, ENJUAGAR → ENJUAGAR, CENTRIFUGAR

### 4-2-(9) Course

1. Press this button to select the type of washing cycle.  
FUZZY → PESADO → RAPIDO → LANA

## 4-3 Function Descriptions

### 4-3-2 Water Level

- In all the cases of prior to the first press of START/HOLD key, during operating or hold state, they follow the below sequences.  
▶ ALTO → MAXIMO → BAJO → MEDIO
- When LANA is selected, only Alto & Medio & Bajo water level is possible.
- If you change the course to LANA, in case previous water level is low or medium, the water level is automatically selected level and in case previous water level is over Bajo, the water level is not changed.
- While water is supplying, if the water level is changed, the remaining time is changed.

### 4-3-3 Course

- If this key is pressed before the first press of INICIO/PAUSA key or during HOLD state, the selection order is as follow.  
Even if manual washing is selected already, the selected course is cancelled, and the course is selected as follow.  
▶ FUZZY → PESADO → RAPIDO → LANA
- During operating, all keys except for COURSE SELECTION key are valid. But, only INICIO/PAUSA is valid during spin operation.
- During operating, if any key is pressed after pressing the INICIO/PAUSA key, new Selection course is performed, not related to previous course.
- This key is invalid during operation.

### 4-3-4 Function Button

- This key is valid except for weight sensing operation.
- After INICIO/PAUSA during operation or under reset condition, as pressing this key display is changing as follows.  
▶ WASH, RINSE, SPIN → SOAK, WASH, RINSE, SPIN →  
WASH → RINSE → SPIN → WASH + RINSE →  
RINSE + SPIN → INITIAL STATE
- The beginning conditions are as follows when function key is selected. (ex.High Level)

FUNCTION	TIME
WASH	15 min
RINSE	15 min
SPIN	9 min
WASH + RINSE	38 min
RINSE + SPIN	24 min

- This key is used as adjusting function.
  - Rinsing times are added by one time when function key is pressed under general course operation and function operation as pressing this key.  
Display is changing as follows.  
▶ 2 (times) → 3 → 4 → 5 → 1
  - Washing time is adjusted by press of function key during washing only operation.  
▶ 15(min) → 17 → 19 → 21 → 23 → 25 → 3 → 5 → 7 → 9 → 11 → 13
  - Spinning time is adjusted by press of function key during spinning only operation.  
▶ 5(min) → 6 → 7 → 1 → 2 → 3 → 4

### 4-3-5 Delay Start

- This function is to finish the washing operation at the time user set.
- If the START/HOLD key is pressed after adjusting of reservation time by pressing the delay start button, reservation washing begins.
- If you push START/HOLD key after selecting reservation washing, the machine carries out three-hour reservation washing.
- The first beginning value of reservation washing is 3 hour and the order according to programacion key push is as follow.  
▶ 3 → 4 → 5 → ... → 16 → 17 → 18
- Once reservation washing is selected, it follows the fuzzy course selected and reservation washing can not be changed in reservation procedure. But the change of water level and water supply selection are possible.
- If the door is opened in the waiting state of normal reservation, it causes the door open error.

### 4-3-6 Start/Hold

- Available only after selecting a course.
- Sequence :  
▶ START → HOLD → START
- The display shows the remaining time, including the current function, when in 'start' status.  
The time decreases 1-min at a time.  
When in 'Hold' status, the time stays as it is.

### 4-3-7 Power

- This key is always available when the power cord is connected.
- sequence :  
▶ ON → OFF → ON
- After finishing operation, this key is automatically turned off.

## 4-4 Description of Technical Points

### 4-4-1 Weight Recognizing Function

1. Weight recognizing function works first washing operating before water is supplied, not in WOOL course and Manual function operation (Wash, Rinse, Spin, ...)
2. Weight recognizing function is cancelled when water level key is pressed prior to the completion of weight recognizing function.
3. If the current water level is above lowest at the beginning of weight sensing, it is automatically decided as a high level.
4. If you change courses after sensing weight, the high water level is automatically selected irrespective of the water level decided by the sensing of weight.

### 4-4-2 Water Supplying Function

1. Relations between water level, frequency & water supply capacity.

	amount of water supplied	fre
RESET	0	
EXTRA LOW	30 l	
LOW	41 l	
MED	48 l	
HIGH	56 l	

2. Relations between Hot/Cold selection & cycle.

Hot/Cold selection	Wash	Rinse	Supplementary Watersupply	Prespinning
Cold	Cold	Cold	Cold	Cold
Hot/Cold	Hot/Cold	Hot/Cold	Hot/Cold	Hot/Cold
Hot	Hot	Hot/Cold	Hot/Cold	Hot/Cold

\* The rinse of two times is selected to cold water automatically.

### 4-4-3 Soak Function

1. This function works only when Soak washing is selected by function select key.
2. It works repeatedly during set time by every 5 minutes(operation for 1 minute and pause for 4 minutes) for 30 minutes after water is filled to selected water level.
3. If water level is set higher during the Soak procedure, Soak procedure stops and water is refilled, and then, keeps on going the Soak procedure.
4. Washing cycle of 15 minutes begins after Soak function completion. Rinsing times can be adjusted according to Soak washing procedure.

### 4-4-4 Fuzzy Function

This function recognizes the quantity of laundry load and selects the water level by itself and keep on going washing operation automatically.

# 4-5 Program Chart

(Unit: minute)

Function course	Water level	Wash			Rinse 1						Rinse 2						Rinse 3						Spin						Remained time for wash									
		Water supply	Wash	Min. Sec.	Intermittent spin	Spin	Stop	Water supply	Rinse	Min. Sec.	Water drainage	Intermittent spin	Spin	Stop	Water supply	Rinse	Min. Sec.	Water drainage	Intermittent spin	Spin	Stop	Water drainage	Intermittent spin	Spin	Stop													
																										Min. Sec.	Min. Sec.	Min. Sec.		Min. Sec.	Min. Sec.	Min. Sec.	Min. Sec.	Min. Sec.	Min. Sec.	Min. Sec.	Min. Sec.	Min. Sec.
ECO CHILE OPTION V	High	3	0	2	0	1	30	1	0	1	30	1	0	3	0	1	0	1	30	1	0	1	30	1	0	3	0	2	0	1	30	1	0	5	0	1	0	60 min. 30 sec.
	Medium	2	30	2	0	1	15	1	0	1	30	1	0	2	30	1	0	1	15	1	0	1	30	1	0	2	30	2	0	1	15	1	0	5	0	1	0	57 min. 15 sec.
	Low	2	0	2	0	1	0	1	0	1	30	1	0	2	0	1	0	1	0	1	0	1	30	1	0	2	0	2	0	1	0	1	0	4	0	1	0	55 min. 00 sec.
FUZZY	High	3	0	15	0	1	30	1	0	1	30	1	0	3	0	2	0	1	30	1	0	1	30	1	0	3	0	2	0	1	30	1	0	5	0	1	0	46 min. 30 sec.
	Medium	2	30	15	0	1	15	1	0	1	30	1	0	2	30	2	0	1	15	1	0	1	30	1	0	2	30	2	0	1	15	1	0	5	0	1	0	44 min. 15 sec.
	Low	2	0	15	0	1	0	1	0	1	30	1	0	2	0	2	0	1	0	1	0	1	30	1	0	2	0	2	0	1	0	1	0	4	0	1	0	41 min. 00 sec.
	Small	1	30	15	0	0	45	1	0	1	30	1	0	1	30	2	0	0	45	1	0	1	30	1	0	1	30	2	0	0	45	1	0	4	0	1	0	38 min. 45 sec.
SPEEDY	High	3	0	5	0	1	30	1	0	1	30	1	0	3	0	2	0	1	30	1	0	1	30	1	0	3	0	2	0	1	30	1	0	3	0	1	0	34 min. 30 sec.
	Medium	2	30	5	0	1	15	1	0	1	30	1	0	2	30	2	0	1	15	1	0	1	30	1	0	2	30	2	0	1	15	1	0	3	0	1	0	32 min. 15 sec.
	Low	2	0	5	0	1	0	1	0	1	30	1	0	2	0	2	0	1	0	1	0	1	30	1	0	2	0	2	0	1	0	1	0	3	0	1	0	30 min. 00 sec.
	Small	1	30	5	0	0	45	1	0	1	30	1	0	1	30	2	0	0	45	1	0	1	30	1	0	1	30	2	0	0	45	1	0	3	0	1	0	27 min. 45 sec.
BLANKET	High	3	0	18	0	1	30	1	0	1	30	1	0	3	0	2	0	1	30	1	0	1	30	1	0	3	0	2	0	1	30	1	0	5	0	1	0	49 min. 30 sec.
	Medium	2	30	18	0	1	15	1	0	1	30	1	0	2	30	2	0	1	15	1	0	1	30	1	0	2	30	2	0	1	15	1	0	5	0	1	0	47 min. 15 sec.
	Low	2	0	18	0	1	0	1	0	1	30	1	0	2	0	2	0	1	0	1	0	1	30	1	0	2	0	2	0	1	0	1	0	4	0	1	0	44 min. 00 sec.
	Small	1	30	18	0	0	45	1	0	1	30	1	0	1	30	2	0	0	45	1	0	1	30	1	0	1	30	2	0	0	45	1	0	4	0	1	0	41 min. 45 sec.
WOOL	High	3	0	6	0	1	30	1	0	0	30	1	0	3	0	2	0	1	30	1	0	1	30	1	0	3	0	2	0	1	30	1	0	1	0	1	0	31 min. 30 sec.
	Medium	2	30	6	0	1	15	1	0	0	30	1	0	2	30	2	0	1	15	1	0	1	30	1	0	2	30	2	0	1	15	1	0	1	0	1	0	29 min. 15 sec.
	Low	2	0	6	0	1	0	1	0	1	30	1	0	2	0	2	0	1	0	1	0	1	30	1	0	2	0	2	0	1	0	1	0	1	0	1	0	27 min. 00 sec.

(Unit: minute)

Function course	Water level	Wash			Rinse 1						Rinse 2						Rinse 3						Spin	Min.	sec.	Remained time for wash						
		Water supply	Wash	Water drainage	Intermittent spin	Spin	Stop	Water supply	Rinse	Water drainage	Intermittent spin	Spin	Stop	Water supply	Rinse	Water drainage	Intermittent spin	Spin	Stop													
																				Min, Sec.	Min, Sec.	Min, Sec.					Min, Sec.	Min, Sec.	Min, Sec.	Min, Sec.	Min, Sec.	Min, Sec.
Wash	High	3	0	15	0																				18	0	18 min. 00 sec.					
	Medium	2	30	15	0																					17	30	17 min. 30 sec.				
	Low	2	0	15	0																					17	0	17 min. 00 sec.				
	EXTRA LOW	1	30	15	0																					16	30	16 min. 30 sec.				
Rinse	High																									14	60	15 min. 00 sec.				
	Medium																									12	105	13 min. 45 sec.				
	Low																									12	30	12 min. 30 sec.				
	EXTRA LOW																									9	135	11 min. 15 sec.				
Spin	High																									8	30	08 min. 30 sec.				
	Medium																									8	15	08 min. 15 sec.				
	Low																									7	0	07 min. 00 sec.				
	EXTRA LOW																									6	45	06 min. 45 sec.				
Wash Rinse	High	3	0	15	0	1	30	1	0	3	0	2	0	1	30	1	0	1	30	1	0	1	30	1	30	3	0	2	0	36	120	38 min. 00 sec.
	Medium	2	30	15	0	1	30	1	0	2	30	2	0	1	15	1	0	1	30	1	0	1	30	1	30	2	30	2	0	33	180	36 min. 00 sec.
	Low	2	0	15	0	1	0	1	30	1	0	2	0	1	0	1	0	1	30	1	0	1	30	1	30	2	0	2	0	33	60	34 min. 00 sec.
	EXTRA LOW	1	30	15	0	0	45	1	0	1	30	2	0	0	45	1	0	1	30	1	0	1	30	1	30	2	0	28	240	32 min. 00 sec.		
Rinse Spin	High																										22	90	23 min. 30 sec.			
	Medium																										20	120	22 min. 00 sec.			
	Low																										19	30	19 min. 30 sec.			
	EXTRA LOW																										15	180	18 min. 00 sec.			