

# User's Manual

## Top Load Washing Machine

Please read this User's Manual carefully for proper use of Midea Washing Machine.

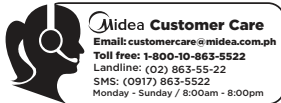


The design and specifications are subject to change without prior notice for product improvement. Consult with your dealer or manufacturer for details.

A quality product of



CONCEPCION MIDEA INC.



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## Safety Precautions



Observe the following in order to prevent injuries from and damages to the machine:



 **Warning** This indicates that serious injuries to humans may occur.


 **Caution** This will remind you that injury to people and damage to property may occur.

Please observe the following symbols:

 This icon represents a call for attention, and caution details are displayed inside the triangle. 

 This icon represents Prohibited Operation. Detailed prohibitions the displayed inside the icon. 

 This icon represents Forced Execution. Details are displayed inside the icon. 

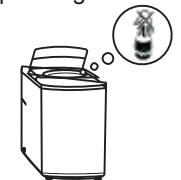
 This appliance is not intended for use by individuals with reduced physical, sensory or mental capabilities or those who lack experience and knowledge, unless they are under the supervision of a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

### Warning

Do not disassemble the machine. Only authorized service personnel are allowed to do so.



Do not put your hand inside the tub when it is operating.



Do not install/place the machine in a damp place to avoid electric shock, combustion and other accidents.



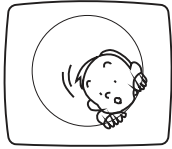
Do not directly rinse the machine with water when cleaning.





### Warning

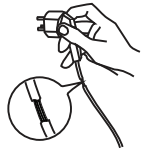
Do not let children play with and climb on the machine.



Do not wash clothes damp with kerosene, gasoline, alcohol and other flammable materials.



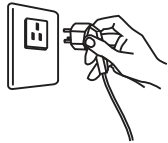
Avoid damaging the power cord and power plug to avoid electric shock, short circuit and combustion.



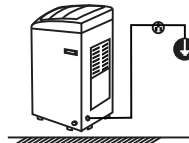
Regularly clean the power plug.



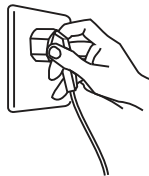
Turn off the machine and unplug from power source after using.



Properly connect the earth line of socket to avoid electric shock due to accidental current leakage.



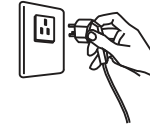
Securely plug the machine in the correct power source.



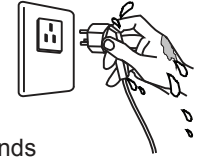
Do not place flammable objects such as candles, mosquito repellents and heating sources on the machine.



Use the correct power source.



Do not plug or unplug the machine from power source when barefoot and with wet or damp hands.

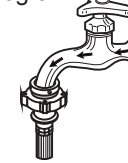


Use of wet hands is prohibited



### Caution

A running water source must be connected to the inlet pipe before starting the washing program.



Water temperature should be below 50°C when washing with warm water.



If power cord is damaged, only the manufacturer, service agent or qualified persons should repair it.



Do not place heavy objects on the washing machine.



When unplugging the power supply, pull the plug, not the cord.



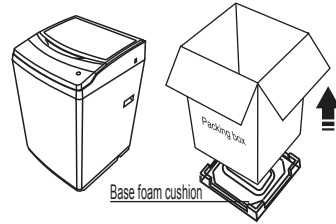
Do not wash raincoats, fishing coats and similar heavy and thick items.



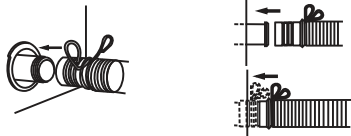
# Installation

## Unpacking

- Remove the machine from box and take out the foam board at the bottom.
- Take out the accessories inside the tub.
- Trial operation or washing on the foam cushion is strictly prohibited.
- Install the rat-proof base cover at the bottom of the machine.



## Installation of drain hose



- Completely insert the drain hose into the washing machine drain outlet
- Secure the connection, with the clamp provided

## Placement of water drain hose



If the water drain hose shall be extended, its length shall not exceed 3 meters. Otherwise it will affect the water discharging time.

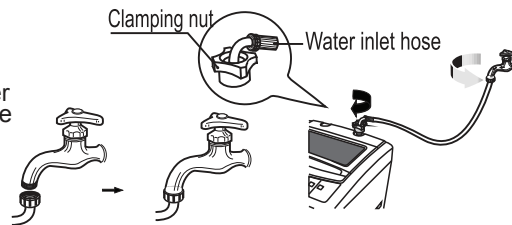
The installed height of water drain hose shall not exceed 15cm.

Do not bend the water drain hose and do not place it under the washer.

## Installing Water Inlet Hose (For Models with Double Screw Thread Inlet Pipe)

- Connect the water inlet pipe screw (with metallic ring) to the water faucet
- Connect the clamping nut (with rubber seal ring inside) of the water inlet hose to the washer inlet valve.

Note: When tightening the clamping nut, evenly apply the force and do not twist the water inlet valve to avoid breaking the water inlet valve joint.

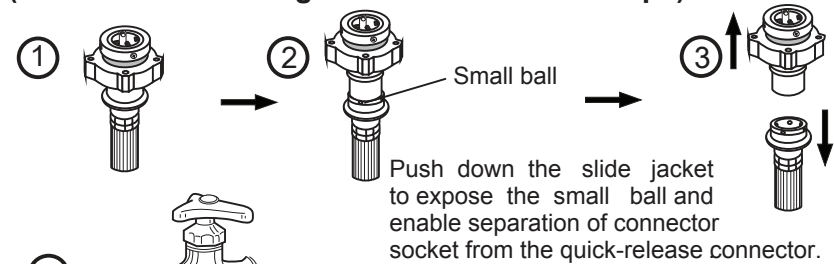


**Only for model with double screw thread water inlet pipe**

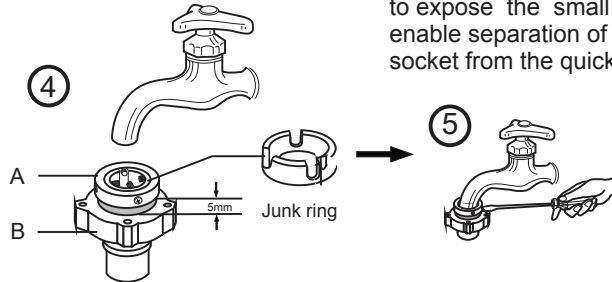
If the power cord is damaged, it must be replaced by the manufacturer, its service agent, similarly-qualified persons, in order to avoid hazards. The new hoses supplied with this product should be used; do not use old hoses. Opening at the base must not be obstructed by carpets or similar items. This appliance is for indoor use only.

# Installation

## Installation of Water Inlet Pipe (For Models with Single Screw Thread Inlet Pipe)

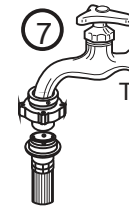


Push down the slide jacket to expose the small ball and enable separation of connector socket from the quick-release connector.

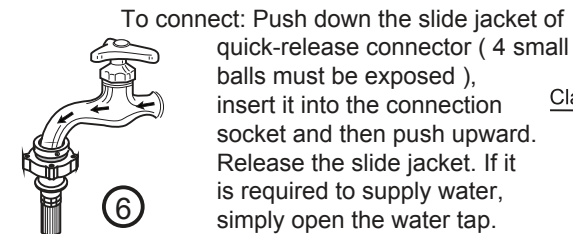


The connection socket consists of parts A and B. Before installation, A and B must have a vertical gap of about 5mm, or be directly disconnected. If the bore of water tap is larger, remove the plastic junk ring of part A.

Remove the four screws of part A and put part A horizontally over the mouth at the end of water tap (the mouth at the end of water tap must be flat and smooth. Flatten it by filing if it is not flat) and push it upward with force making the rubber washer firmly press the plane center of water tap mouth. Then tighten the screws sequentially. After that, tightly screw on part B.



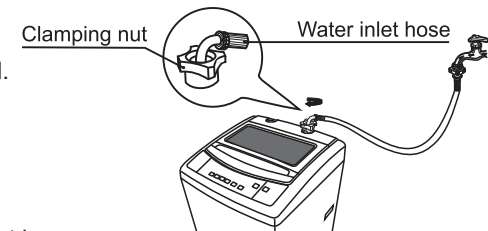
To detach: Close the water tap, push down the slide jacket of the quick-release connector and pull out the quick-release connector.



Connect

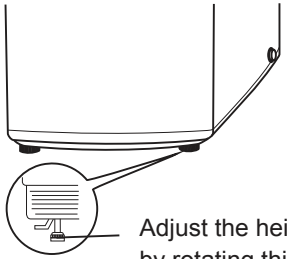
Tightly screw the other end of the water inlet hose to the water inlet valve. (with rubber seal ring inside).

Note: When tightening the clamping nut, evenly apply force and do not twist the water inlet valve, to avoid breaking of the water inlet valve joint.



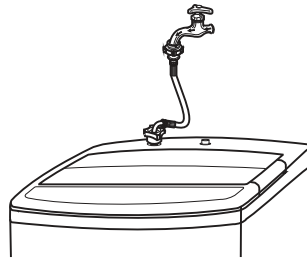
## Preparation Before Use

### 1 Make sure that the washing machine is in a stable position

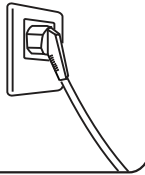


Adjust the height of the machine by rotating this foot clockwise or counter clockwise, to extend or shorten the foot shaft. Once the machine is in a stable position, lock the foot knob.

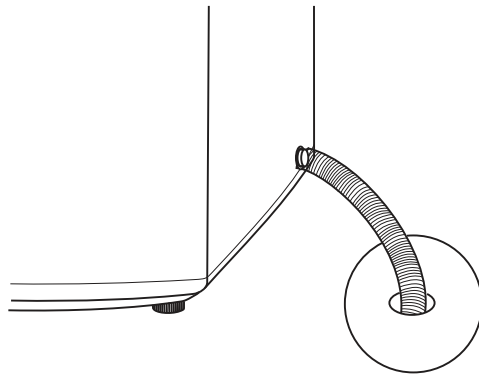
### 2 Install the water inlet hose.



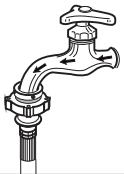
### 3 Connect to a power source



### 5 Put down the drain hose.



### 4 Open the water tap.



### 6 Put in clothes and suitable amount of detergent.

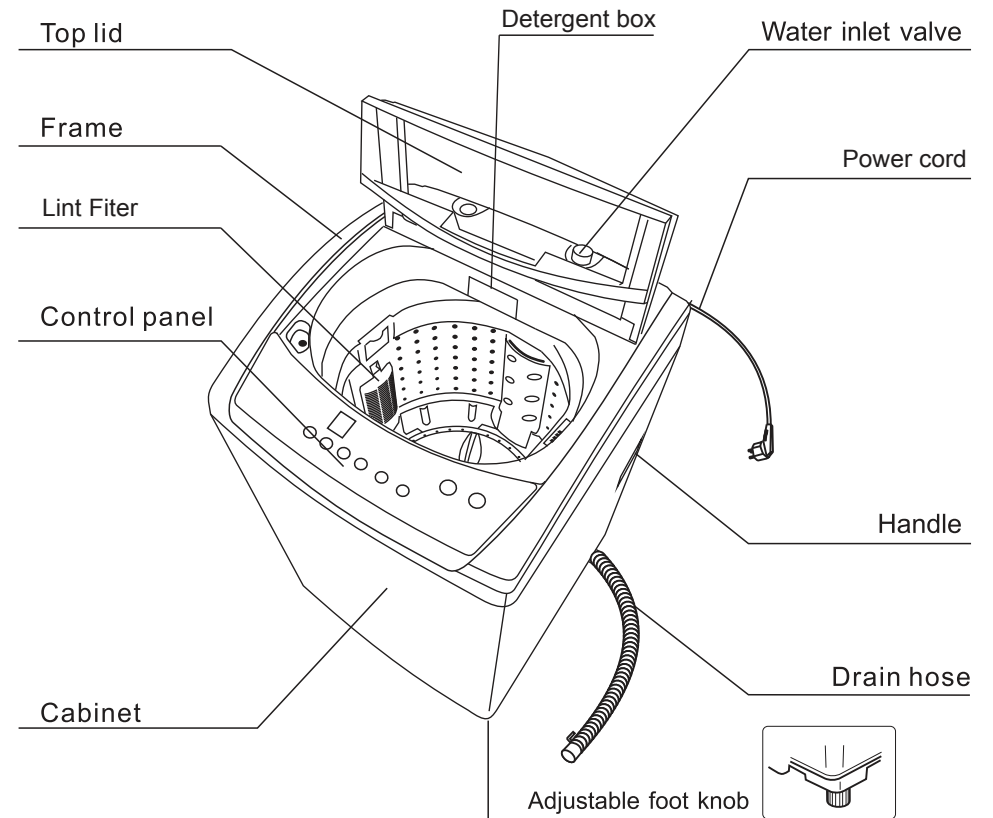
#### NOTE



Before washing, remove coins, keys, and other hard objects from pockets and fasten zippers to prevent damage to clothes and the tub.



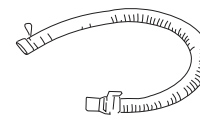
## Parts identification



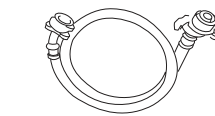
- All sketches in this manual are for reference only. Please refer to the product, for the actual appearance of the parts.

### Accessories

A clamp is used to secure the drain hose during installation.

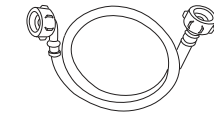


Universal connector



Water inlet hose assembly

Only for models with single screw thread water inlet pipe

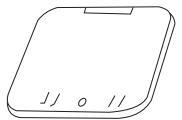


Water inlet hose assembly

Only for models with double screw thread water inlet pipe



Self-tapping screw



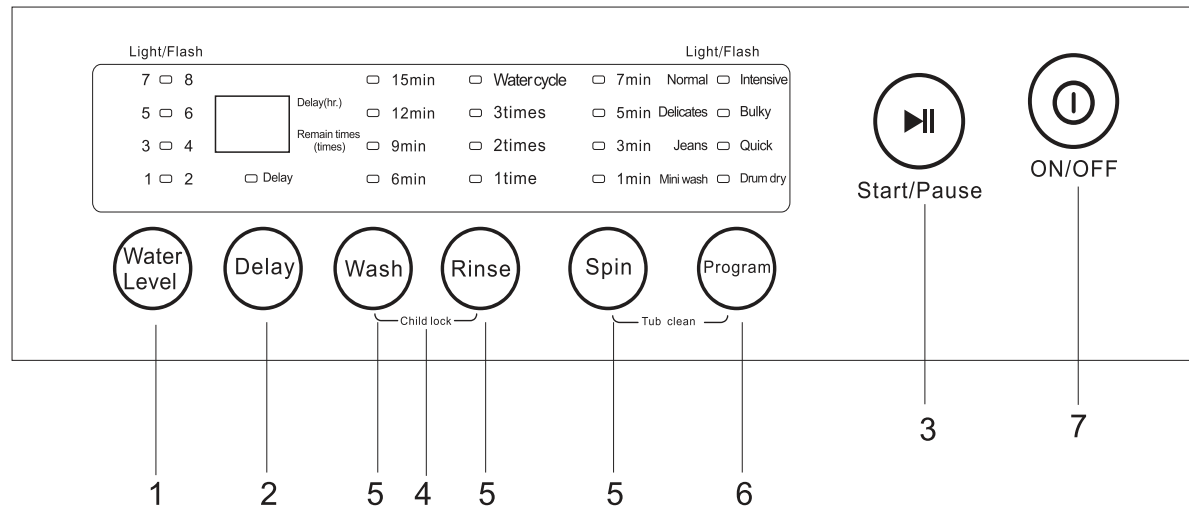
Anti-rat cover

Only for selected models.

Please refer to the supplied accessories, for its actual appearance.

# Control Panel

Actual panel appearance may slightly vary. This illustration is a representative model.



## 1. Water level

Press this button, to select the water level based on the clothes quantity. The indicator light is either steady or flashing, with each press of the button. The steady indicator light is for levels , 3, 5, & 7 while the flashing light is for levels 2, 4, 6, &8.

## 2. Delay

Press this button to set the delay time (the number of hours that will elapse before washing starts ). The delay time is set just before pressing the Start button, Refer to “Special features” section of the manual, for more details.

## 3. Start/Pause

- After program selection, press this button to start the wash cycle.
- Press this button to pause & resume the wash cycle.
- As an option, this button also activates the One Touch function. See Special Features section of this manual

## 4. Child lock

Press the “wash” and “rinse” at the same time to lock all the buttons on the control panel.  
Press the “wash” and “rinse” buttons at the same time to unlock the buttons.

## 5. Wash, rinse, spin

Press these buttons to select the washing time, number of rinses, and spinning time.

## 6. Program

Press this button, to select the wash program. With each press of this button, the indicator either lights up steadily or flashes. The steady indicator light is for Mini wash, Jeans, Delicates, and Normal while the flashing light is for Drum dry, Quick, Bulky, & Intensive.

## 7. ON/OFF

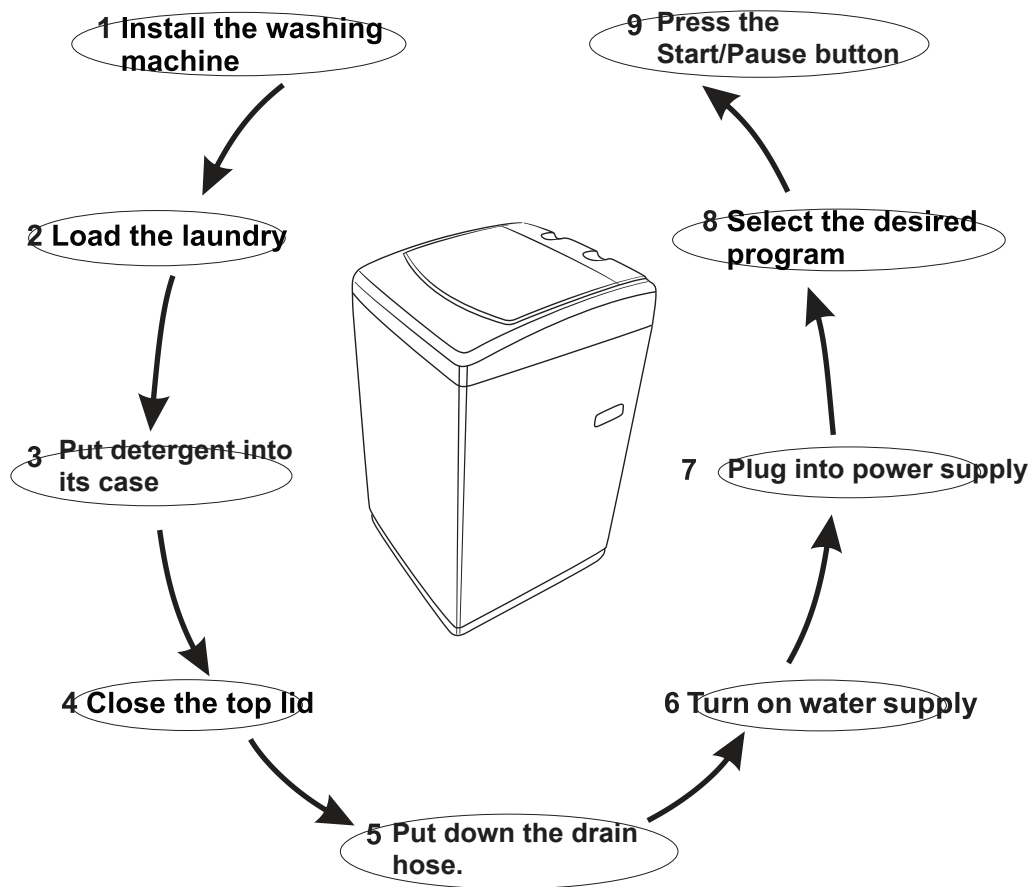
Turns the unit on and off

\* The illustration may be changed, without prior notice.



To protect the control panel, wait at least 30 seconds before turning the power on and off.

## Quick start



### Program selection

- 1 Press the "ON/OFF" button.
- 2 Select the proper water level and other settings, as desired.
- 3 Press the Start/ Pause button

### End of Program

- When the operation stops, the buzzer will sound continuously 6 times and then the power will be automatically cut off.
- Turn off the water tap.
- Although the power will be cut off automatically, the power plug must still be pulled out from the socket, for safety.

## Operation

### NORMAL Wash Program

The Normal wash program is the easiest, most convenient, and most common washing program. The user presses the power switch, presses the Start/Pause button, and the Normal washing program will start to work.

#### Procedure

1. Press the power switch.
2. Choose the appropriate water level, based on the wash load.
3. Press Start/Pause button.

### Wash Program Customization

Users can freely set a variety of combinations for water level, wash time, number of rinses, and spin time, depending on their need.

#### Manual Setting Options

For Spin only

1. Press the Power button.
  2. Press the Spin button to choose the spin time.
  3. Press the Start/Pause button.
- The washing machine will operate a single spin process.

For Wash only

1. Press the Power button.
  2. Repeatedly press the spin button until the indicator light goes out. Press the Wash button to choose the wash time.
  3. Press the Start/Pause button.
- The washing machine will operate a single wash process.

For Wash and Rinse

1. Press the Power button.
  2. Repeatedly press the Spin button until the indicator light goes out. Press the Rinse button and the Wash button to choose the setting desired.
  3. Press the Start/Pause button.
- The washing machine will operate the 'wash and rinse' process. For other process combinations, just choose the desired settings for water level, wash time, number of rinses, and spin time, then press the Start/Pause button.



NOTE

! Close the lid when machine is running, otherwise, it will automatically stop working during the spin process and sound off a warning.

! The washer will not work when water does not reach the set water level.

## Wash Settings (Program)

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### 1. Normal

For washing clothes with cotton fabric and daily wear.

### 2. Delicates

Has a gentle wash action and slow spin speed for light fabrics such as silk.

### 3. Jeans

For washing thick clothes and those with heavy stains.

### 4. Mini wash

Ideal for washing small loads of laundry, using low water level.

### 5. Intensive

Use this program, to wash heavily-soiled clothes.

### 6. Bulky

Washing ability is strong and can wash large pieces of laundry.

### 7. Quick

Washing time is short. Suitable for washing lightly-stained clothes.

### 8. Drum dry

To dry the laundry without heating, to achieve the result of clothes being dried in a room.

## Special features

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### Delay

This function postpones the start of the washing process and the delay time is 1-24 hours. After selecting the wash settings, "long press" the Delay button repeatedly and the delay time will increase by 1 hour. When the display shows 24 hours and the Delay button is pressed, the display light will turn off and the Delay function turns off correspondingly.

### Child Lock

This function can be activated only after the selected program starts.

### Spin only

1. Press the ON/OFF button.
2. Press the Spin button to choose the spin time
3. Press Start/Pause button.

The washing machine will operate a single process.

Note: For wash only, follows steps in "Spin only" but press the wash button instead of the Spin button, to choose the wash time. Before pressing the Start/Pause button, press the Spin button repeatedly until the light goes out.

### Tub clean

This function removes dirt accumulated on the inside and outside surfaces of the drum. In the standby mode, press Spin & Program buttons at the same time, to set to Tub clean. Afterwards, press Start/Pause button.

### Water cycle (Rinse hold)

After the rinsing cycle is finished, water will not be drained and another set of clothes can be rinsed using the same water. To commence the Spin cycle, select the Spin time after rinsing is done and then press Start/Pause button.

### Program pause and resumption

The program will stop if the Start/Pause button is pressed and will resume if this button is pressed again.

### Automatic power shut off

If the Start/Pause button is not pressed after the ON/OFF button is pressed, power will automatically cut off after 10 minutes.

When an operation stops, the buzzer will sound continuously 6 times and then the power will automatically cut off.



## One Touch

Follow steps no. 2 to 7 of Quick Wash, press ON/OFF button, then press Start/Pause button. The washing machine will automatically weigh the laundry, select the appropriate settings (water level, wash, time, rinse mode, spin time) and start the operation. No need to manually select the wash settings.

## Automatic Balance

If the laundry is unevenly distributed in the tub before spinning, vibration is likely to occur during spinning. The washing machine can automatically adjust tub imbalance. If the unbalance sensor detects strong vibration, the program to balance the wash load will automatically commence.

When the machine adjusts imbalance, the “rinse” light flashes and water will be supplied to a set level. Adjustment takes about 1 minute and then water is drained. Afterwards, the spinning cycle will resume. The machine will make 2 attempts to adjust the imbalance. If imbalance still occurs after the 2nd attempt, an alarm will sound and the user needs to manually adjust the clothes distribution in the tub.

## Fuzzy Logic Function

Fuzzy Logic Function

The “fuzzy” program automatically detects the amount of laundry and then selects the corresponding water level. The “fuzzy” control is deactivated in the following conditions: 1. If water is present in the tub at the start of operation and 2. If the user selects a certain water level at the start of operation.


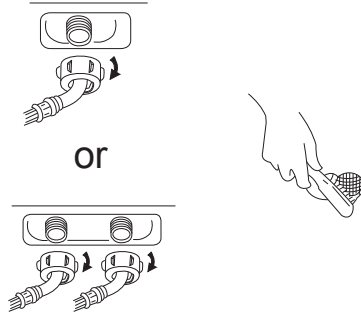
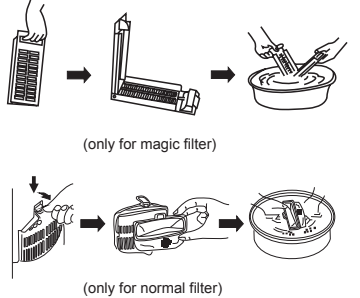
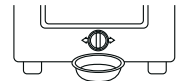
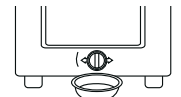

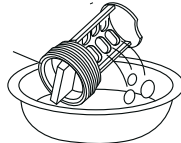


## Power Failure Memory Function


In case of a power failure, the operation during which the power was interrupted will be stored in the machine's memory and when power resumes, the machine will continue operation where it left off.

## Alarm function when the Top Lid is opened

If the Top Lid is opened during washing or spinning, an E3 alarm will be activated and operation will stop. Closing the Top Lid will deactivate the alarm and operation will automatically resume. When the Delay function has been activated, opening the Top Lid will also trigger the E3 alarm. Closing the Top Lid will cancel the alarm and the Delay function will resume.

# Cleaning and Maintenance of the Washing Machine

End of Program		Maintenance
<ul style="list-style-type: none"> <li>The washing machine will alarm after the washing process to remind you to take out the laundry.</li> <li>After the sound, the machine will automatically go to its power-off state with no display and all lights will be off.</li> <li>Make sure to turn off the faucet and pull the power plug after every use to avoid water leakage or fire accidents</li> </ul>		<p>Use gentle cloth to wipe off the water and dirt on the surface of the machine after using it. Avoid using detergent, propellant and other chemicals when cleaning the surface of the machine to prevent damage to the plastic accessories.</p> 
Clean the Water Inlet		Cleaning the Filter
<p>After long time use, the water inlet mesh bag may be blocked with dirt, clean it following these steps:</p> <ol style="list-style-type: none"> <li>Switch on the power and the water faucet.</li> <li>Let the washer work for 5 seconds so that the water flows into the tub through the water inlet hose.</li> </ol> 		<p>After using the machine for a period, clean the filter accordingly.</p> <ol style="list-style-type: none"> <li>Take out the lint filter.</li> <li>Open the filter (for Magic Cleaning Filter) or reverse inside out the mesh bag (for normal filter) and wash it clean with water.</li> <li>Restore and put back the filter.</li> </ol> 
Clean the lint filter in the drain pump (for machines with drain filter)		
<ol style="list-style-type: none"> <li>Drain the water out of the pump, use a container to collect</li> </ol> 	<ol style="list-style-type: none"> <li>Loosen the pump cover counter-clockwise.</li> </ol> 	<ol style="list-style-type: none"> <li>Take out the lint filter.</li> </ol> 
<ol style="list-style-type: none"> <li>Clean the filter</li> </ol> 	<ol style="list-style-type: none"> <li>Restore it and adjust the convex place to align at the pump hole.</li> </ol> 	<ol style="list-style-type: none"> <li>Tighten the pump cover</li> </ol> 

 Note: If the drain filter is not cleaned at proper time (every 10 times of use). Drain problem could occur

## Troubleshooting

### Malfunction display and solutions

If trouble occurs, contact Customer Care.

Only authorized service technicians are allowed to open and/or dismantle the machine.

If the machine does not function normally, an error indicator will be displayed at the control panel and an alarm will sound off. Check and correct, as follows:

Display	Causes	Solution
E1	Abnormal water filling.	Check the faucet if it is opened or not.
E2	Incomplete water draining.	Check the water level sensor and drain pump.
E3	Top lid is not closed before spinning or is opened while the tub is spinning.	Close the Top Lid.
E4	Alarm for washing stay at one side.	Manually and evenly distribute the clothes in the tub.

## Technical specifications

Model	FP-90LTL085GETM-N1	FP-90LTL105GETM-N1	
Dimensions	550x565x920 (mm)	550x565x960 (mm)	
Rated input power	450W	560W	
Rated voltage	220-240V~	220-240V~	
Rated frequency	60Hz	60Hz	
Product weight	37kg	40kg	
Rated wash & spin capacity (dry weight)	8.5kg	10.5kg	
Allowable water pressure at inlet	Maximum	0.8MPa	0.8MPa
	Minimum	0.03MPa	0.03MPa