



Before using your washing machine, please read this manual carefully and keep it for future reference.

Washing Machine

OWNER'S MANUAL

MODEL:MB45T



Read This Manual

Inside you will find many helpful hints on how to use and maintain your washing machine properly. Just a little preventative care on your part can save you a great deal of time and money over the life of your washing machine. You'll find many answers to common problems in the chart of troubleshooting tips. If you review the chart of Troubleshooting Tips first, you may not need to call for service.







Contents

Safety and precautions.....	2
Installation of the washer.....	5
Preparation before washing.....	7
Parts identification of the washer.....	8
Instruction of the washer operation panel.....	9
Quick start.....	11
The main wash.....	12
Special features.....	13
About the procedure of full automatic wash program.....	15
Cleaning and Maintenance of the washing machine.....	16
Identify usual trouble of washer.....	17
Malfunction display and solutions.....	18
Technical specifications.....	18

Observe the following items in order to prevent from injuring yourself, others and the damage of property:



	Warning	This indicates serious injury or death to human being may be caused.
	Caution	This will remind you that injury to people and damage to property may occur.

Please observe following contents of graphics.

	This graphics represents [cause attention] , and detailed cautions will be displayed inside the graphics. 
	This graphics represents [operation prohibited], and detailed prohibitive items will be displayed inside the graphics. 
	This graphic represents [compulsory execution], and detailed forcible execution items will be displayed inside the graphics. 



Warning

Please do not disassembly and assembly the machine without authorization.



No dismantling

Please do not insert your hand and take out clothes inside the spin barrel before it is fully stopped.



No touching

Please do not install the machine in damp and raining environment to avoid electric shocking, catching fire, faults and distortion accidents.

No dampness

Please do not directly rinse the machine with water when cleaning.

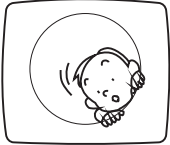
No rinsing

 **Warning**

Please do not let children climb the machine or peer into the rotating spin barrel to avoid accidents.



Prohibited



It is prohibited to wash the clothes touching with kerosene, gasoline, alcohol and other flammable materials.



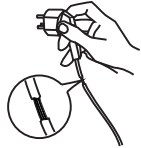
Prohibited



Please do not damage power flexible cord and power plug to avoid electric shocking, short circuit and catching fire.



Prohibited



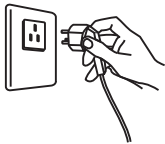
Regularly clean the power plug to remove dust and dirt to avoid contact failure.



Please pull out plug from the socket if the machine is not in use.



Pull out the plug

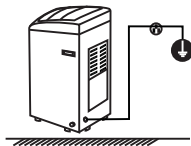


Please well connect the earth line of socket to avoid electric shocking by accidental leakage.

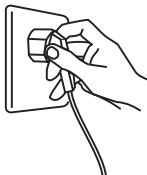
(earthing)



Earthing



Please insert the power plug tightly.



Please do not place on the washer burning candle, mosquito-repellent incense, cigarette and other flammable things, as well as electric stove, air heating fan and other heating sources.



Smoke and fire prohibited



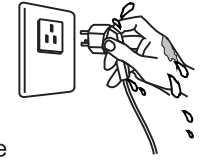
Please use correct power source.



Please do not pull out or insert the plug with wet hands to avoid electric shocking.

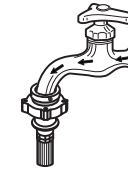


Wet hands are prohibited



 **Caution**

Please ensure that the water inlet pipe is connected and the tap is opened before washing clothes.



The water temperature shall not exceed 55°C when washing with warm water.



Prohibited



Customers are not allowed to change the power line without permission.



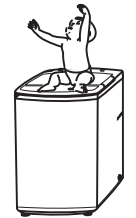
Prohibited



It is strictly prohibited to place and sit children or lay weights on the washer.



Prohibited



Please do not pull the electric cord when pulling out the plug.



Please do not wash down jacket, raincoat, fishing coat and similar clothes in the washer.



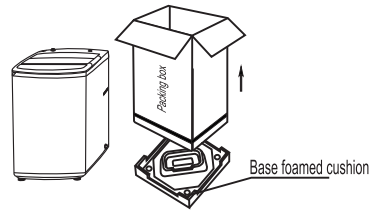
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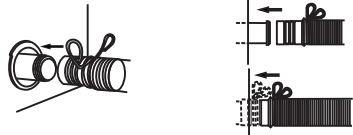
Installation of the washer

Remove package

- Remove package and take out the bottom board of the cabinet on the foam cover.
- Open the lid of washer's door and take out accessories.
- A trial operation or washing on the foamed cushion is strictly forbidden.



Installation of drain hose



- Completely sleeve the drain hose over the sewer.
- Fix and tighten it with a hoop. (As shown in the figure)

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.

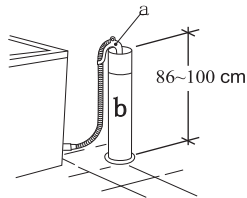
The placed height of water drain hose shall not exceed 15cm.

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

FOR LOWER DRAIN SYSTEM ONLY

Placement of upper water drain hose

- The height of drain hose ("a") should be between 86-100 cm.
- Diameter of "b" should not be less than 3 cm, and flow capacity not less than 40 L/Min.
- Before washing machine starts, user should hang up the drain pipe 86-100cm height from the floor.

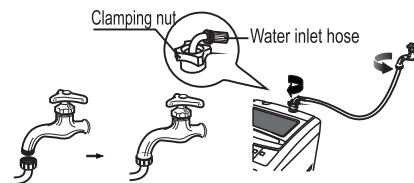


FOR UPPER DRAIN SYSTEM ONLY

Installation of water inlet pipe

- Put the water inlet pipe (which has metallic filtering bag) screw on to the tap.
- Tightly screw another end of water inlet hose on water inlet valve (with rubber seal ring inside).

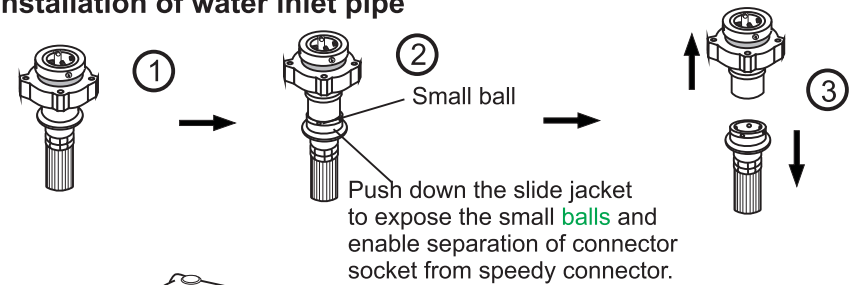
Note: When tightening the clamping nut, evenly apply the force and do not twist the water inlet valve to avoid breaking of water inlet valve joint.



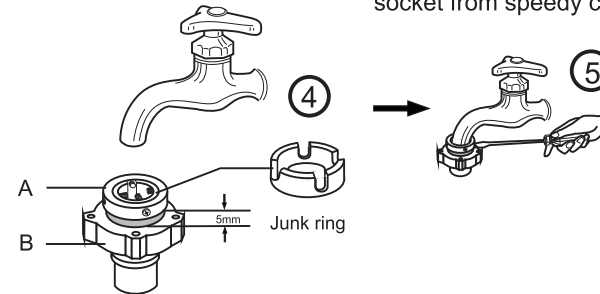
Only for model with double screw thread water inlet pipe

Installation of the washer

Installation of water inlet pipe



Push down the slide jacket to expose the small balls and enable separation of connector socket from speedy connector.

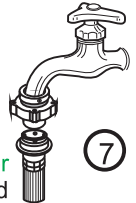


The connection socket consists of A and B two parts. Before installation, A and B two parts must be unscrewed about 5mm, or directly disconnected. If the bore of water tap is larger, remove the plastic junk ring of part A.



Connect

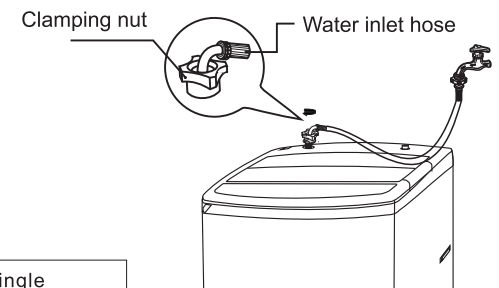
Connect: Push down the slide jacket of speedy connector (4 small balls must be exposed), insert it into the connection socket and then push upward. Release the connection of water tap with speedy connector completely. If it is required to feed water, simply open the water tap.



Separate

Separate: Close the water tap, push down the slide jacket of speedy connector and pull out the speedy connector.

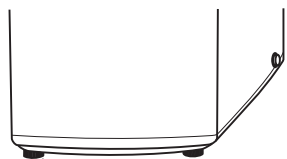
Tightly screw another end of water inlet hose on water inlet valve (with rubber seal ring inside). Note: When tightening the clamping nut, evenly apply the force and do not twist the water inlet valve to avoid breaking of water inlet valve joint.



Only for model with single screw thread water inlet pipe

Preparation before washing

1 Adjust the adjustable foot to make the washer be placed stable.

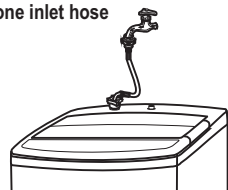


Adjustable foot (extend when clockwise rotating and shorten when counter clockwise rotating)

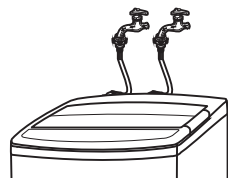
(Slightly incline the washer first and loosen the adjustable foot knob. Adjust the adjustable foot so as to ensure four corners of washer be steadily contacted with the ground. Then tighten the adjustable foot knob and lock it. If the ground is obviously not flat, correction should be made on the ground surface, otherwise the washer barrel will incline and knock the cabinet)

2 Install the water inlet hose.

For one inlet hose



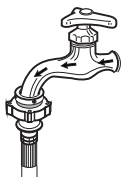
For two inlet hoses



3 Connect to power source.

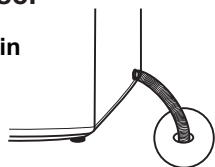


4 Turn on water supply

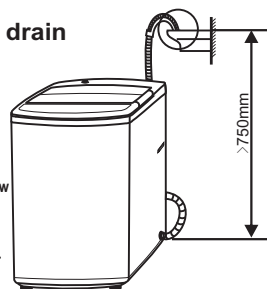


5 Put down the drain house.

Lower drain



Upper drain



Note:
The water will overflow when the height of the drain hose under 750mm.

6 Put in clothes and suitable amount of washing powder.

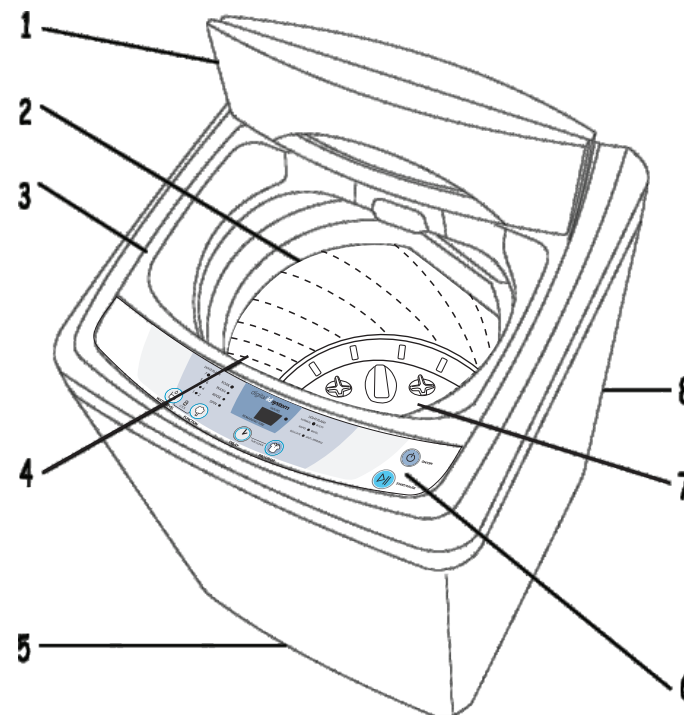
NOTICE



Before washing, please take out coins, keys and other hard goods, and pull to close the zip fastener to prevent clothes and barrel from damage.



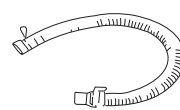
Parts identification of the washer



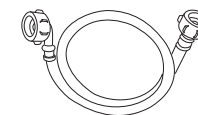
1. top lid 2. wash/spin tub 3. top frame 4. lint filter 5. base
6. control panel 7. pulsator 8. cabinet

Accessories

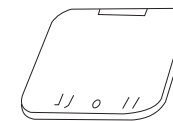
Fixing ring (1) is used for the fixing in time of the installation of the lower drain hose.



Lower drain hose

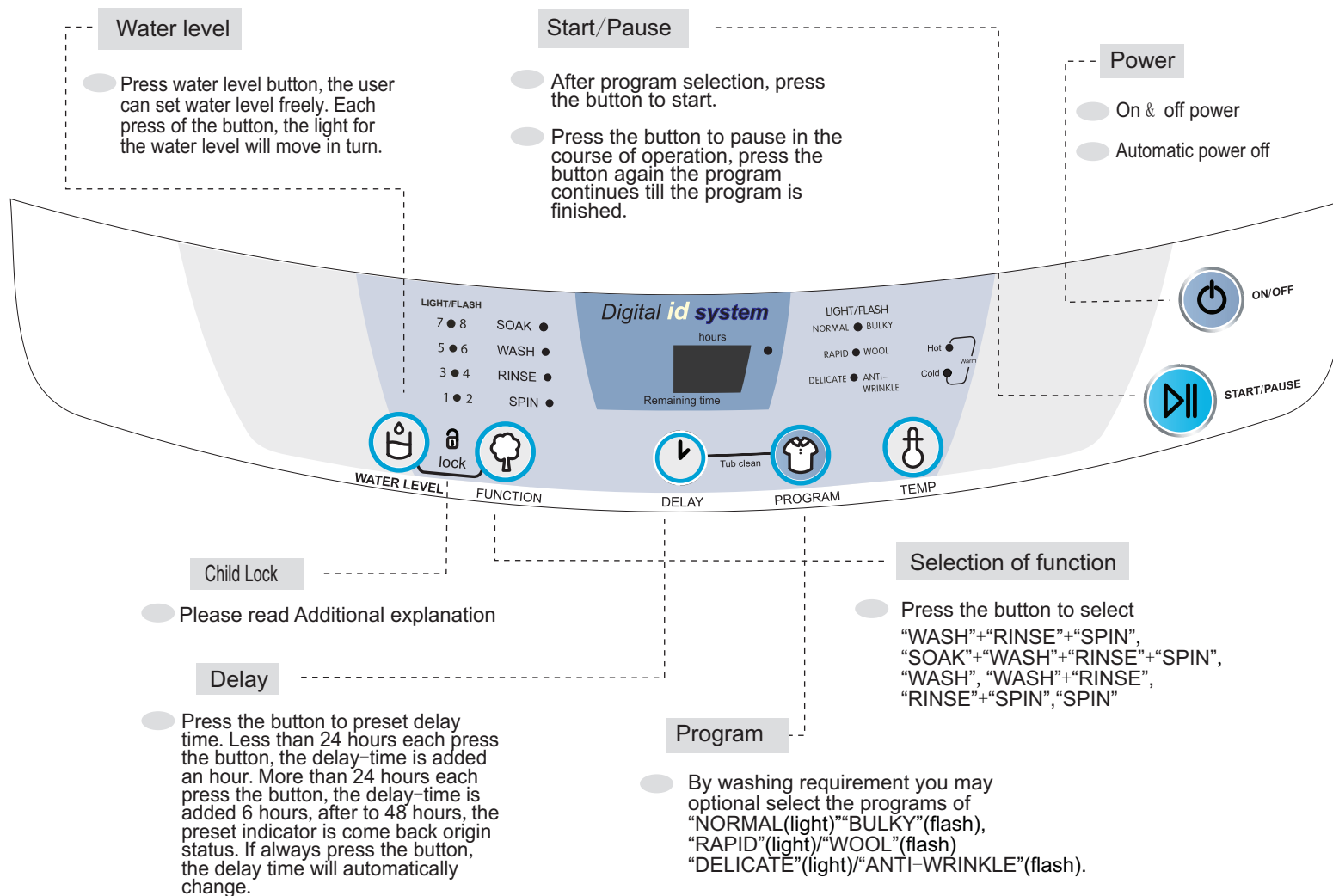


Water inlet hose assembly



Base cover
Self-tapping screw

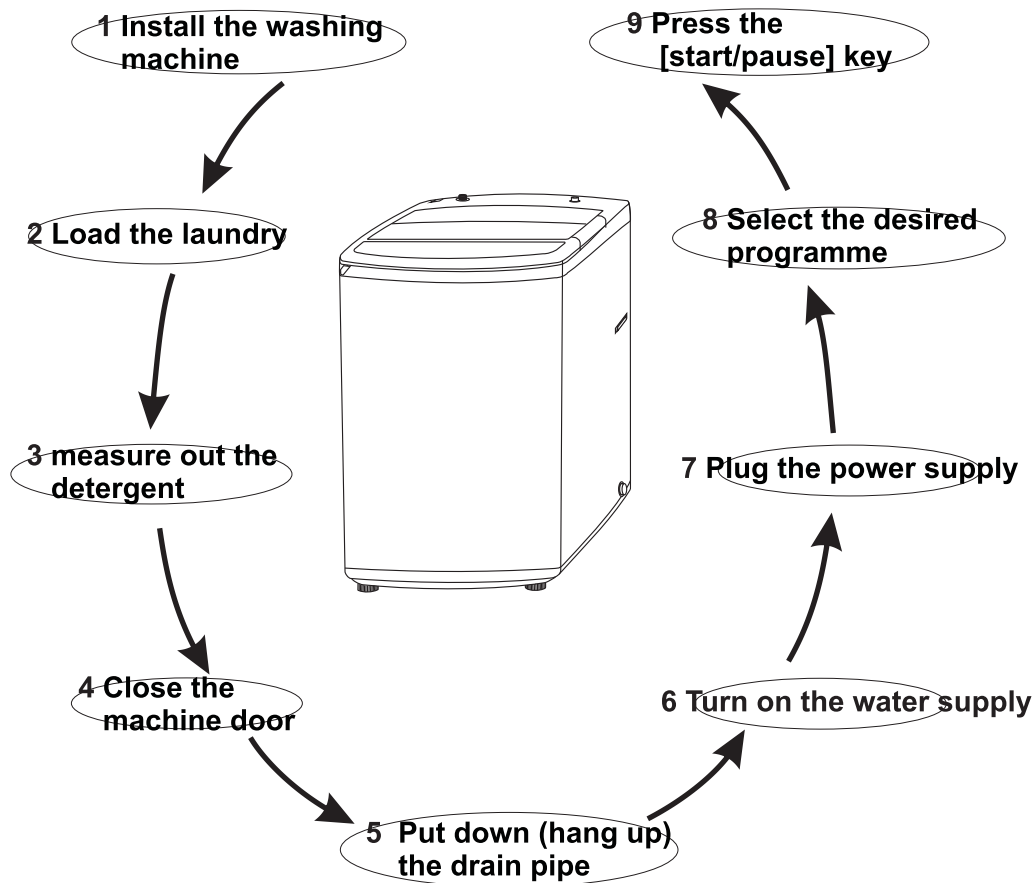
Instruction of the washer operation panel



* If drawing is changed, no inform any more.

In order to protect controller, the interval of switching on and off power should be more than 30 seconds.

Quick start



Programme selection

- 1 Press the Power button.
- 2 Select the proper water level and other attached functions.
- 3 Press the Start/Pause key.

The wash stops

- When the wash stops, the buzzer will buzz continuously for 6 times and then the power will be automatically cut off.
- Turn off the water tap.
- Although the power can be cut off automatically, the power plug must be pulled out for the safety.

The main wash

Instruction of the NORMAL procedure

! [Normal] wash program is the easiest, most convenient and most common washing program. When the user press the power switch and then press [Start/Pause] button, the normal washing program will start to work.

! When the washer start to work, the digital tube show the remain time. The indicator light which stand for remaining time is flickering.

Steps in details

1. Press the Power button.
2. According to the washing amount choose the proper water level.
3. Press Start/Pause button.

Instruction to single wash procedure

! User can freely select any single procedure, or any combination of procedures among Wash, Rinse and Spin according to the actual requirements. It is only required to turn off any one or two of these three indicators that not needed by the user. And keep the indicator be on showing the process needed by the user.

! Single wash -- after switching on the power, turn off Rinse and Spin two indicators by pressing these two keys. The operation for single rinse and single spin is similar.

! Single wash-spin – after switching on the power, turn off Rinse indicator by pressing that key. The operation for single rinse-spin and single wash-rinse is similar.

Use the cleaning solution for twice

1. Put the laundry in the first batch and wash powder and press "Function" button to set single "wash" to run.
2. Take out the laundry in the first batch after hearing the buzzing sound.
3. put in the laundry in the second batch, and run "Wash", "Rinse", "Spin".
4. Take out the laundry in the second batch after hearing the buzzing sound.
5. Put in the laundry in the first batch and press "Function" button to run "Rinse" and "Spin".



! Close the lid of the door when machine is running, otherwise, it will automatically stop working during spin process and send out abnormal warning.

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

Special features

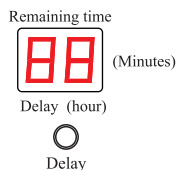
Delay time program

Delay time means the preset beginning time of washing.

1. Switch on the power .
2. Open the tap and lay the drain hose.
3. Put in the laundry and detergent.
4. Select the proper water level according to the quantity of clothes.
5. Select the functions and programs.
6. Press "DELAY" button to select the beginning time of washing.
7. Close the lid and press "START/PAUSE" button

Method of use of "delay" button

Press the "DELAY" button each time, the number on the digital indication adds by "1"; After the number reaches "24", press the "DELAY" button each time, the number adds by "6"; After the number reaches 48, the light of delay time is turned off, and the delay program return to original status.



Confirmation of the delay and inspection

1. After the delay function is started, the corresponding delay light will flash, and other lights are turned off.
2. After the delay function is started, press "Delay" button continuously, you may inspect the preset program and function. Loosen the button, the program returns to delay status.

Cancel the delay time, or alternate the delay time

1. Press "Power" button to cancel the delay time.
2. To change the delay time, cancel the delay time first, and then press "Delay" button to reset.

Additional explanation

1. "CHILD LOCK" function: After starting, press the "FUNCTION" and "WATER LEVEL" button at the same time, this "CHILD LOCK" function can be set, then all buttons will be locked and not to be selected (including the "POWER" button), the indication is displayed "CL" one second every 5 seconds, and press the "FUNCTION" and "WATER LEVEL" button at the same time again to unlock the function.
2. In the course SOAK, the washer does not stop completely, it will wash interval to let the washing evenly mix with the detergent.

Rapid

Wash time is short. Suitable to wash light stained clothes and summer clothes.

Delicate

Washing wool clothing. High water level of water level is optional, beat downy.

Anti-wrinkle

The wash time is short, rinses many times with high water level, thoroughly wash away the garment.

Bulky

"Bulky" program is a performance (energy consumption, wash ratio, etc.) testing program.

Special features

Wool

The washing ability is not so strong as normal washing program, fit for slight or expensive clothes.

Fuzzy control function

Standard procedures default implementation fuzzy control function. After startup, such as water level before starting the keys will be cancelled automatically according to the fuzzy control functions; In addition, the fuzzy measure before, if there is no water, tub fuzzy measurement, the water level directly as the default file namely 6 gear levels. Fuzzy control function is at boot automatically after the determination of cloth is measured, decide the water level. In fuzzy testing process, water circulation flashing lights display, digital pipe display "--".

Power lost memory function

The machine will automatically drop from the operation stage of starting place, the machine will automatically drop while the operation stage of starting place operation.

Only for washers having these two functions

About the procedure of full automatic wash program


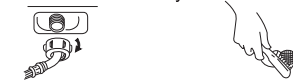
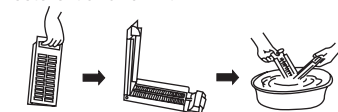

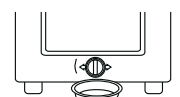
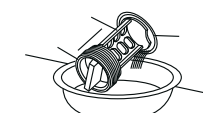
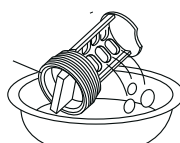

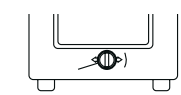
Contents Program	Wash Time (minutes)	Spin Time (minutes)	Complete Time (minutes)	Rinsing Times	Washings (recommended)
Normal	30	10	56	1	Normal clothes or not so dirty clothes
Rapid	2.5	1	10	1	Normal clothes or summer clothes
Delicate	10	2	33	2	Thin underline or linsey-woolsey
Bulky	15	7	47	2	Normal clothes or dirty clothes
Wool	15	/	34	2	Thin underline or linsey-woolsey
Anti-wrinkle	8	/	27	2	silk or anti wrinkle clothes



Energy efficiency test procedures for bulky program.

Note: The time required will also vary with water pressures of intake pipe, different clothes textures and different water drain conditions.

Cleaning and Maintenance of the washing machine

End of program	Maintenance	
<ul style="list-style-type: none"> The washing machine will send off the sound of "dou-dou" at the end of any program operation to remind you to take out the laundry or operate it again. After the sound, the washing machine returns to its power-off state with no display and all lights off. Please shut off the tap, pull out the plug when not in use to avoid water leakage or the fire accidents. 	<p>Use gentle clothing to wipe off the water and dirt on the surface each time after using the washing machine. Detergent, propellant and other chemicals are not allowed to use so as to avoid any damage to the plastic accessories.</p> 	
Clean the water inlet	Clean Of the filter	
<p>After long time use, the water inlet mesh bag may be blocked with smudginess, and should be cleaned according to the following steps:</p> <ol style="list-style-type: none"> Switch on the power, followed by shutting off the tap. Let the washer works for 5 seconds so that water flows into the tub through the water inlet hose. then turn off the power. Unload the water inlet hose and clean the mesh bag, then restore the water inlet assembly. 	<p>After using the washing machine for a period, please clean it according to the following steps:</p> <ol style="list-style-type: none"> Take out the lint filter. Turn the mesh bag outside and wash it clean in the water. Restore it and refix it. 	
Clean the lint filter in the drain pump (only for having drain filter)		
<p>1. Drain the water from the pump, and collect it with a container.</p> 	<p>2. Loosen the pump cover anticlockwise.</p> 	<p>3. Take out the lint filter.</p> 
<p>4. Clean the filter.</p> 	<p>5. Restore it and adjust the convex place to align at the pump hole.</p> 	<p>6. Tighten the pump cover clockwise.</p> 



Notes:

If the drain filter is not cleaned at proper time (every 10 times of use), Drain problem could be caused.

Identify usual trouble of washer

When the washer is in trouble, please contact local service office or the sales service department of our company and the customer should not dismantle the machine without permission.

If the washer can not work normally, or appear abnormality or alarms, please check and correct as follows.

List of faults and inspection

Faults	Inspection Items
No water flows in	<ul style="list-style-type: none"> ! If the power is off or the fuse is burned out. ! If the water supply is cut off or the water pressure is too low. ! If the inlet hose is properly connected and the water tap is opened. ! If the filtering screen of inlet valve is blocked by dirt. ! If the coil of inlet valve is damaged. (The slight electromagnetic sound is normal phenomenon when the inlet valve is switched on) ! If the "Start / Pause" button is pressed after the power switch is pressed.
No washing	<ul style="list-style-type: none"> ! If the power is off or the fuse is burned out. ! If the power supply voltage is too low. ! If the water amount reaches to the required water level. (The washer will not work if the water amount does not reach the required water level) ! If it is set to "Delay" washing mode. (It will only start to work until the reservation time reached)
Abnormal draining	<ul style="list-style-type: none"> ! If the water drain hose is placed very high. ! If the end of water drain hose is sealed in pond. ! If the internal rubber ring of drain valve is blocked by dirt.
Abnormal spin	<ul style="list-style-type: none"> ! If the door lid is closed. ! If all clothing piled largely at one side of barrel or the clothing is excessively placed. ! If the washer is not placed in stable condition or it is placed in inclination state. (The ground is not flat). ! If the motor belt is loosened.

Note: During the de spin process, if washing are piled at one side of the spin barrel, it will cause unbalance of spin barrel resulting in striking. At this moment, the computer inside the washer will feel this unbalance phenomenon and will automatically correct it (fill in water Washing). However, if unbalance situation is not removed after continuous three corrections, which means the computer auto-correction can not resolve the problem. Then the user has to manually and evenly place the clothing inside the barrel to solve the problem.

Malfunction display and solutions

When the washer is in trouble, please contact local service office or the sales service department of our company and the customer should not dismantle the machine without permission.

If the washer can not work normally, and the abnormal indication is shown in the nixie tube window or the machine alarms, please check and correct as follows.

Indication of fault	Cause of fault	Phenomenon of fault	Alarm of the buzzing sound	Solution of alarm
Alarm for water injection	Entering water less than 16 minutes, reset water level.	E1	The buzzer goes on buzzing sound for 10 seconds. If the alarm does not be solved , every 16 minutes re-buzzes for 10 seconds.	Open the lid to deal with faults, then close the lid to solve the alarm.
Alarm for opening lid	Open the lid after start the delay time. Open the lid when the washer is spinning.	E2		
Imbalance alarm	Be examined imbalance for the third time.	E3		
Drain alarm	After draining for 4 minutes, does not finished to drain.	E4		

Technical specifications

Size	526×536×915(mm)	Net weight	31 kg
		Gross weight	34 kg
Rated input power	360W	Rated capacity of wash and spinning	4.5kg(dry clothes)
Rated voltage	240V~	Maximum water pressure permitted in the water inlet	0.6Mpa
Rated frequency	50 Hz	Minimum water pressure permitted in the water inlet	0.1Mpa

the new hose-sets supplied with the appliance are to be used and that old hose-sets should not be reused appliance with ventilation openings in the base, that a carpet must not obstruct the openings.

The appliance 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 given supervision or instruction concerning use of the appliance by a person responsible for their safety.

Children should be supervised to ensure that they do not play with the appliance.

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