Panasonic

Operating & Installation Instructions

Fully Automatic Washing Machine
(Household Use)

Model No. NA-F70JS1

No. Reg.: IMKG.2552.10.2024

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Thank you for purchasing this product.

- Read these instructions carefully for optimum performance and safety before use.
- Keep this manual for future reference.

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08-2024

Specification

Model	NA-F70JS1
Rated capacity of wash and spin	7.0 kg
Rated voltage and frequency	220V~・50Hz
Water level/water volume (about)	10/58L 9/53L 8/48L 7/44L 6/40L 5/36L 4/32L 3/28L 2/24L 1/21L
Inlet pressure	0.05MPa-0.85MPa
Rated input power	Wash: 450W spin: 450W
Weight	About 30kg
Product Dimensions	W538mm D557mm H902mm

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Other functions

1. Abnormal display

Display	Explanation	Troubleshooting
U12	The top lid is opened when preset is started	Close the top lid and clear the alarm
	The top lid open when washing	
	The top lid open when spinning	Close the top lid and press "Start/Pause" to continue operation
U11	After draining for 5 minutes, it still does not reach to the minimum of water level	Please refer to Page 14 &15 for troubleshooting
U13	Spin is not balance	Open the top lid, place the laundries equally, then close it and clear the alarm
U14	After inflow of water for 62 minute, it still does no treach to the water level set	Please refer to Page 14 &15 for troubleshooting
U99	The top lid is opened after setting child-lock	Close the top lid and clear the alarm
H01	Water Level sensor is abnormal	Cut off the power supply to find a professional staff to process
EE	Set Water Recycle function, the machine will not drain and spin after the last rinse	press "Start/Pause" to continue operation

2.Imbalance adjustment

During spinning, if the laundries are not placed equally in the tub, it would cause Violent vibration. This machine has imbalance adjustment function, and the vibration testing system will supervise the running. Once vibration is beyond certain level, the adjustment system will start automatically to adjust the imbalance.

3.Power supply is cut off automatically

1) If you did not start the program in 10 minutes after pressing the power supply button, the power supply will be cut off automatically.
2) After the washing is finished, alarm buzzes and the power supply will cut off automatically.

4.Child lock function

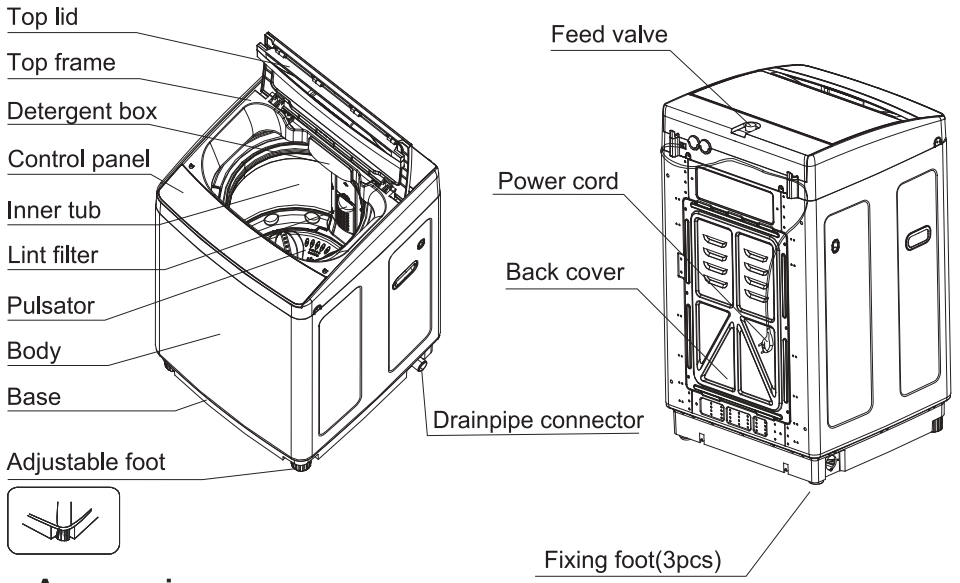
1)When child lock function is set, all the buttons will be locked including POWER. If the top lid is opened during the washing machine working, the washing will be stopped and give an alarm. But if you can close the top lid in 5 seconds, the alarm will stop and the washing machine will continue working. If cannot close the top lid in 5 seconds, the washing machine will begin draining if there is water in the inner tub, even closing the top lid is not valid. During the draining, alarm will buzz every 10 seconds, when the water in the inner tub is about 5cm higher, alarm will buzz every 10 minutes. When the draining is finished, the washing machine will be in the state of waiting, if close the top lid, the washing machine is unlocked and start working as previous setting.

2)Once child lock is set, if top lid is opened over 5 seconds during washing or rinse(there is water in the inner tub), washing machine will drain and alarm will buzz. If you unlock the function during draining, the washing machine will add water to water level set and continue working.

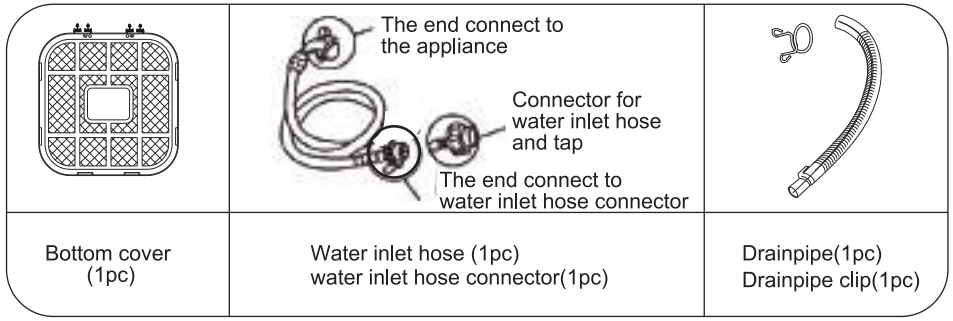
5.Water recycle function

Set Water Recycle function, the machine will not drain and spin after the last rinse, the digital timer display "EE" code, "Spin" indicator light flashing and alarm, the machine stop working (If no operation, buzzer alarm every 10 minutes, and power cut off after one hour), press "Start/Pause" button, the digital timer displays the remaining time, enter the process of drain, spin again, the water in the stainless steel inner tub can be reused.

Parts name



Accessories



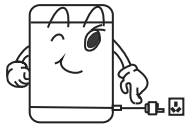
Bottom cover (1pc)	Water inlet hose (1pc) water inlet hose connector(1pc)	Drainpipe(1pc) Drainpipe clip(1pc)

Symbol definition

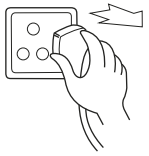
Warning symbols	Pay special attention to the warning symbols. There may be serious risks to personal body safety or damages to the washing machine if not follow.
Forbidden symbols	Please stop doing the contents with this symbol, otherwise it will damage the appliance or injure your personal body.

Cautions

Please insert the plug into the power socket with rated voltage 220V A/C.



Always unplug the appliance and turn off the water when the power is cut, moving or cleaning the washing machine, or it is not in use. Do not insert or pull off the plug with wet hand.

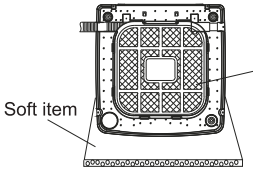


Do not make the electric cable bended, stretched, twisted, strapped or changed, pressed or nipped. If the supply cord is damaged, it must be replaced by the manufacturer,its service agent or similarly qualified persons in order to avoid a hazard. The pin of the plug must remain clean. Please clean it carefully with dry cloth if it is dirty.

Don t install the washing machine in bathroom or damp places. Do not wash the machine with water, do not put wet clothes on the control panel film.

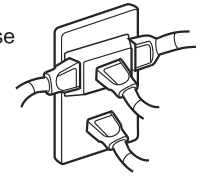
Do not use water hotter than 50˚C

If the machine is situated on a carpeted floor, please adjust the feet in order to allow air to circulate freely.



Do not wash raincoat, bike cover, feather dress and waterproof laundries, which will caused the washing machine to have abnormal vibrations during spinning.

Do not share the same socket with other electric appliances. Do not use the damaged plug or loose socket.



	Troubleshooting
	Insert the plug tightly Check the socket or change to another socket Press power switch Check power supply
	Install the inlet hose again Tighten the connector of the machine
	Put down the drainpipe Straighten or clean the drainpipe
	Restart when water supply is resumed Open the tap Clean the filter according to before“clean inlet gate”
	The machine is adjusting automatically
	Close the top lid Close the top lid
	Normal
	Normal

Notes： If there is still a fault after the above checks, please pull out the plug and contact the seller right away. It is dangerous to repair this product by yourself.

Troubleshooting

Before contacting the technicians, please make the following checks:

Phenomena	Possible reason
Control panel has no display	Plug is not inserted tightly No electricity in the socket Power switch is not turned on Power supply is cut off
Inlet hose leaks	Inlet hose connector(connecting with the tap)is not fixed tightly Inlet hose and washing machine connector is loose
It does not drain	Drainpipe is not put down Drainpipe is bended or get blocked
No inflow of water	No water supply Tap is not open Inlet hose gets blocked
Spin stops and water inflow begins during spin program	Laundries is too much or too little or the Machine is not place stably
Press the program button to select SPIN, but It does not spin	Top lid was not closed when drain is finished Top lid was open when drain is started
The spin is intermittent when spin starts	Balance the laundries to reach to the best spin effect
First time use, some water flows out from the drainpipe	The remaining water from factory's testing

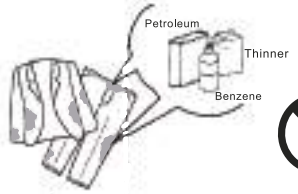
Cautions

Do not put hands into the working machine.
It is dangerous even if the speed is very slow.
Take special care of the children, and forbid them to climb on the washing machine.

It is dangerous to alter the specifications or attempt to modify this product in any way.

Do not overload the appliance or put any hot goods(such as the kettle with hot water)on the washing machine.

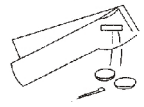
Garments which have been in contact with volatile petroleum products should not be machine washed.



This 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.

Keep the appliance away from direct sunlight and heat sources like the heater.

Any objects such as coins, safety pins, nails, screws, stones or any other hard, sharp material can cause extensive damage and must not be placed into the machine.



- Before washing, please ensure the tap is open and the inlet hose is installed properly.
- It is suggested to use low foam washing powder.

Installation and adjustment

Before using

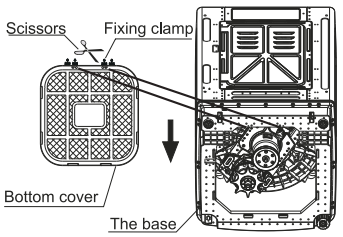
Please install and adjust the machine according to the requirements of the manual.
Correct operation is very important for your safety.

Unpacking

- Unpack the carton and take out the bottom cover.
- Open the top lid of washing machine and take out all of the accessories.
- Remove all wrappers, including the polystyrene base.
  You are advised to keep all the packaging for reuse in case the machine is to be transported again.

Installing the bottom cover

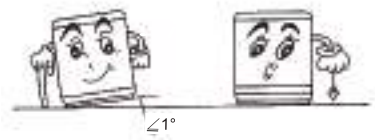
- Let the back of washing machine incline forward, make the side of bottom cover with sticker description back to washing machine, insert to the bottom of washing machine along the direction of arrow.
- Remove two fixing clamp by scissors, insert to the accordingly holes black lines indicating (gently pull fixing clamp should not be pulled out), make the bottom cover fixed on the base.



Positioning

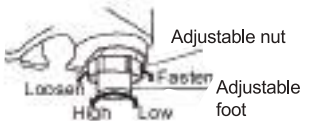
The distance between the washing machine and the wall should be more than 50mm, and the maximum allowed angle of the shank base of the machine is 1°.
The slanting or rough ground may cause operating stopped or unstable, please adjust it with the following methods:

- Horizontal checking
  Use a tied thread with plumb to check if it is horizontal.



- Adjust the adjustable foot

1) Lift up the adjustable foot gently, loose the adjustable nut and twist the adjustable foot.
2) Fasten the nut after adjustment.



Maintenance

Operation

Maintenance methods

After the end of the programme

- The machine stops automatically, and music buzzer will remind you to take out the laundries or start again.
- Once you have finished using the machine, you are advised to unplug it and turn off the water taps to avoid unexpected leak or fire.

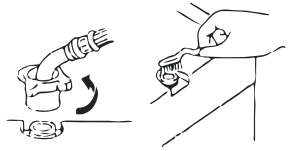
External cleaning

Clean the exterior cabinet of the appliance with soft cloth. Do not use cleanser, volatile chemical materials to clean the machine, which will damage plastic parts and the surface.

Clean the lint filter

It is possible that the inlet filter net can be blocked by the dust, please clean it according to the following steps:

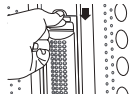
1. Close the tap and turn on the power switch.
2. Start the washing machine for 5 seconds (make the water in the inlet hose flows to the tub), and cut off the power supply.
3. Pull off the inlet hose, remove and clean the inlet valve and the inlet net, and install again.



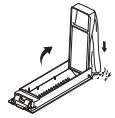
Lint filter cleaning

Clean the lint filter after each use.

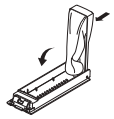
1.Press down on the clip to pull out the lint filter.



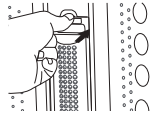
2.Open the lint filter, turn the filter out to remove impurities, and rinse the filter with water.



3.Restore the filter back to ts original state. If there is lint on the back of the inter tub wall, clean it to avoid contamination of clothes during the next wash.



4.When replacing the lint filter, be careful not to compress the filter and make sure the lint filter is installed properly.



1. After using the machine, you are advised to turn off the water taps. (if necessary, pull out the inlet hose).
2. Do not keep water in tub for a long time. When washing is finished, drain it right away.
3. Once you have finished using the machine, you are advised to unplug it.
4. Put the electric cable and the drain hose in order.
5. Wipe the water on the surface and in the tub with soft cloth and keep the top lid opening for a while. It helps to prevent mold and smell forming inside the appliance.

If the water in the inner tub has possibility to freeze, please do like below:

1. In winter, if remaining water freeze can cause the washing machine trouble, please take off the water inlet hose and drain out the water in the hose and inner tub.
2. If the water freeze, please don't operate the washing machine. Put 40℃ hot water in the tub, the hot water should submerge the pulsator, after a few minutes, rotate the pulsator by hand gently, then you can operate the washing machine.

Operation steps

Program Operation

Operation steps

1.Put through the power, press "Start/Pause" button, the machine is in the state of beginning of start:

a.If there is no water in inner tub, the machine is under the status of FUZZY, the process is "Wash-Rinse-Spin", digital timer displays "--", water level is not setting, program is "Normal", (if press "Program", the digital timer displays "01"). If press "Start/Pause" directly (press "Program" to choose "02" "Heavy"), the machine is also under thestatus of FUZZY), the machine will start FUZZY sense and detect the weight of laundry, set the water level automatically.

b.If there is water in inner tub, the machine is under the status of non-fuzzy, process is "Wash-Rinse-Spin", digital timer displays program time, water level is "7" (if press "Water Level", the digital timer displays "7"), program is "Normal" (press "Program", the digital timer displays "01").

2.At the beginning of start, the process of spin can be set solely if no any other settings.

3.At the beginning of start, set programs by pressing "Program" button, the digital timer displays from "01" to "10", corresponds 10 programs (Normal, Heavy, Delicates, Standard, Wool, Speedy, Baby Care, Tub Hygiene, Air dry, Water Recycle). Set "Water Recycle" program (corresponds "10") and start running, the machine does not drain and spin after last rinse, the digital timer displayes "EE" and "Spin" in dicator light flashing and alarm, the machine stop working, press "Start/Pause" button to reset alarm, enter the process of drain, spin again, the water in the stainless steel inner ub can be reused.

4.Press "Water Level" button to set water level, the digital timer displays from "1" to "10", corre sponding the water level 1-10. At this moment, Fuzzy Logic function lose of function, the water level is set according to the weight of laundries.

5.At the beginning of start, if need Preset, press "Preset/Air Dry" button to select proper washing time. The indicator light will flashing each time pressing, the displayed time is the time end of program. If need to cancel preset, press "Start/Pause" button, will be on standby mode.

6.At the beginning of start, if need Air Dry program, press "Program" button and select "Air Dry" program (corresponds "09"), press "Preset/Air Dry" button again to set proper air dry time.

7.Close the top lid, and press "Start/Pause" button, the machine will start working. During working, pressing and holding "Water Level" button and "Preset/Air Dry" button can start child-lock function, the digital timer displays remaining time and "CL" alternately, press again to release child-lock. After start child lock function, if open top lid, the machine will stop working and give an alarm.

8.When the washing is finished, buzzer alarm, power supply cut off automatically.

How to use drainpipe

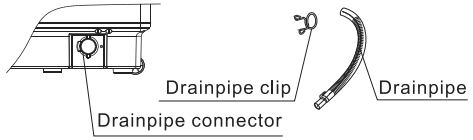
Before using

Install drainpipe

Set drainpipe clip into the drainpipe between 2-3cm from the drainpipe end that without pothook. Then install the drainpipe into the right drainpipe connector and fix the drainpipe and drainpipe connector with the clip. After that, put up the drainpipe clip on the cabinet.

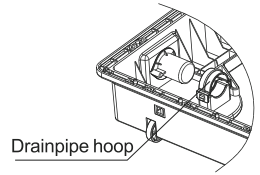
How to change the direction of the drainpipe

1. Take off the drainpipe and drainpipe clip from drainpipe connector, put some soft mat on the floor. Positioned washing machine front side adown and gently put down the washing machine front side on the mat. Demount the screws on the back cover with screwdriver and take out the back cover. Demount one screw that fixed the drainpipe connector (on right of the washing machine) and loosen the drainpipe connector.



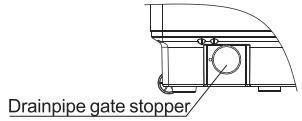
(Section sketch map for washing machine's right side)

2. Extrude the drainpipe with proper force and take out drainpipe hoop (on right of the washing machine), then loosen the inner drainpipe.



(Section sketch for inside of washing machine)

3. With proper force, take down drainpipe gate stopper on left side of the washing machine. The drainpipe gate stopper is fixed on washing machine base with two clips.



(Section sketch map for washing machine's left side)

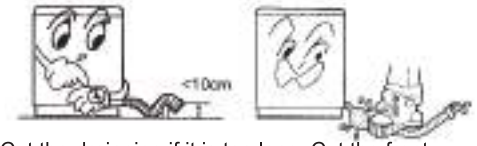
4. Pull the inner drainpipe to another side. Fix inner drainpipe with drainpipe hoop, with one screw fix drainpipe connector. Install the drainpipe gate stopper to another side, make washing machine standing gently. Fix back cover with screw and install the drainpipe and drainpipe clip into the drainpipe connector.

Water drainage

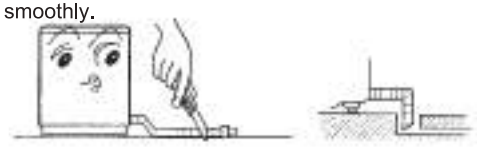
The drainpipe should drain smoothly

1.The height of the drainpipe should be less than 10cm, otherwise the drainage will not be smooth and need a long time to drain, the machine may stop during working.

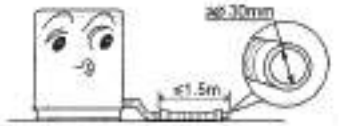
2.Do not step on or press the drainpipe.



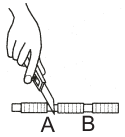
3.Cut the drainpipe if it is too long. Cut the front end of the drainpipe slantingly to make drainage smoothly.



4. Purchase a proper hose if you need additional drainpipe. Its diameter should not be less than 30mm and length should not exceed 1.5m.



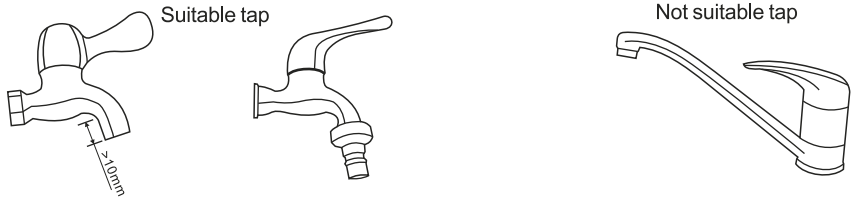
If the additional drainpipe is too long, cut some at A or B point.



Water inlet installation

Before using

Tap selection



The front end should be longer than 10mm. The tap exit end face should be flat and smooth, if not file it to avoid leakage.

Connect the inlet hose connector to the tap

1. Press down the slider and remove the inlet hose connector from the inlet hose, like below illustration 1.
2. Loosen the four bolts on the inlet hose connector till the tap can be accessed, then set the inlet hose connector in the tap, see illustration 2. (If the tap caliber is too larger and could not set the inlet hose end, unscrew the four bolts and take out the bushing, tap exit end must be flat, otherwise it will leak, see illustration 3).

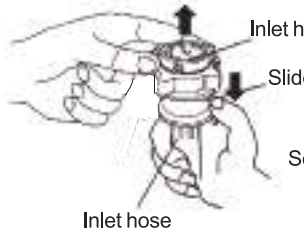


Illustration 1

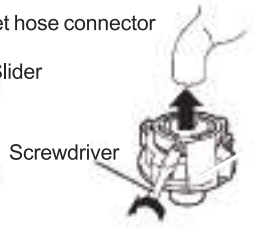


Illustration 2

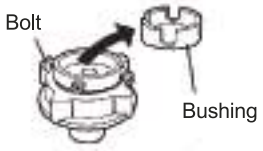


Illustration3

3. Fasten the four bolts in the inlet hose connector evenly, see illustration 4.
4. Twist the fastening nut as the illustration, see illustration 5.

Remark before twisting the nut, the threading is about 4mm above the upper surface of the nut, after twisting, the threading is less than 2mm above the upper surface of the nut, see illustration 6.

Illustration 4

Illustration 5

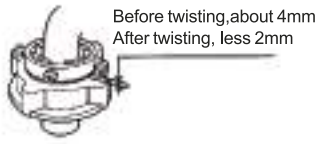


Illustration 6

Control panel instructions

Program Operation

Water Level

- At the beginning of start, there is FUZZY logic and water level is not set, the digital timer displays "--". Before press "Start/Pause", if program is "Normal" or "Heavy" (the digitial timer displays "01" or "02"), the FUZZY function is available. If program is "standard" (digital timer displays "04"), the FUZZY logic funciton is not available, the water level is "7". If there is no WASH process setting, there is no FUZZY function.
- At the beginning of start, press "Water Level" to set water level, the digital timer displays from "1" to "10", it is water level 1 to water level 10. At the status, there is FUZZY function, you can set the water level according to the weight of laundries. 1-2 is less water level, 3-4 is low water level, 5-8 is middle water level, 9-10 is high water level.
- During wash (including rinse), if need to add water, press "Water Level" button to add water, un-press will stop adding. Or pause the washing machine and press "Water Level" to select higher water level, then press "Start/Pause" button, The washing machine Will add the water to setting level automatically and continue working. If your resetting water level is lower than present water level, the lower water Level will valid in next water inlet.
- Automatically add water: during SOAK, WASH and RINSE process, if the washing machine check the water level is lower than setting water level, The washing machine will pause and add water to setting water level automatically.

Child Lock

- During the machine working, press "Water Level" and "Preset/Air Dry" buttons to set "Child Lock", the digital timer displays remaining time and "CL" alternately , press "Water Level" and "Preset/Air Dry" buttons again to cancel child lock.
- Once child lock function is set, all the buttons will be locked including power switch. If open the top lid during the machine working, the machine will stop working and give an alarm. If open the top lid but close in 5 seconds, the machine will stop alarm and continue to work. If open the top lid and and do not close in 5 seconds, the machine will start draining if there is water in the inner tub, and give an alarm, the machine will drain out the water and in the state of waiting (during draining even close the top lid , the draining will not stop. If cancel the child-lock function, the draing will stop), the machine will give an alarm every 10 minutes.
  After setting child-lock function, during WASH or RINSE process, if open the top lid for
- 5 seconds (there is water in the inner tub), the machine will start draining and give an alarm, if cancel the child-lock function during draining, the machine will inlet water to the setting water level and continue to work.

Put through the power, press "Start/Pause" button, the machine is in the state of beginning of start:

1.if there is no water in inner tub, the machine is under the status of FUZZY, the process is "wash-rinse-spin", digital timer displays "--", water level is not setting, program is "Normal", (if press "Program" , he digital timer displays "01"). If press "Start/Pause" directly(press "Program" to choose "02" "Heavy"), the machine is also under the status of FUZZY), the machine will start FUZZY sense and detect the weight of laundry, set the water level automatically.

2.If there is water in inner tub, the machine is under the status of non-fuzzy, process is "wash-rinse-spin", digital timer displays program time, water level is "7" (if press "Water Level" , the digital timer displays "7"), program is "Normal" (press " Program", the digital timer displays "01").

Control panel instructions

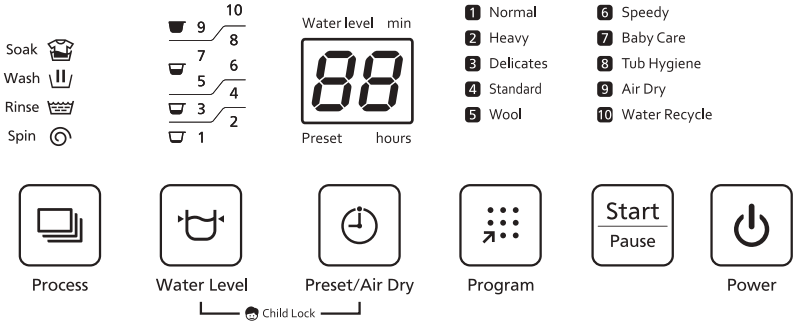
Program Operation

Control Panel

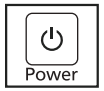
Mode and meaning of the indicator light

On : Indicates the selected mode.

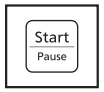
Flashing : Indicates the program is running.



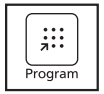
- Press this button to select one cycle from "Wash-Rinse-Spin"、"Spin"、"Soak-Wash-Rinse-Spin"、"Wash"、"Wash-Risne"、"Rinse-Spin".
- At the beginning of start, the process setting is "Wash-Rinse-Spin".



- To switch on the Washing Machine to working state or waiting state.



- After selecting the Program, Process and Water Level, press this button to start. Press this button to pause during working, press again to continue.



- According to the laundries weight and the user's demand to set proper programs.
- At the beginning of start, press "Program" button to set, digitial timer displays from "01" to "10" total 10 programs (Normal, Heavy, Delicates, Standard, Wool, Speedy, Baby Care, Tub Hygiene, Air dry, Water Recycle).
- Once you set "Water Recycle" program (the digital timer displays "10") and start working, after the last rinse, the machine will not drain and spin, digital timer and "Spin" indicator lights sparkling , the machine gives an alarm and stop working. The user can press "Start/Pause" to clear the alarm, and then enter the process of drain, spin, the user can reuse the water.

- At the beginning of start, press this button to select preset time from 2-24 hours.
- If want to cancel preset time, press Power to make the washing machine in waiting state.
- If need to select Air Dry, please press "Program" button to select "Air Dry" (the digital timer displays "09"), then press this button to set air dry time.

Water inlet installation

Before using

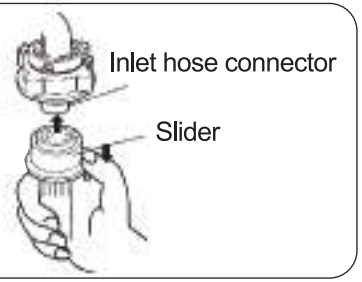
Connect the inlet hose to the washing machine

1. Do not take off the water absorption cushion. Please check if the cushion is dropped or damaged before each usage. If it is contact the seller immediately.
2. Put the inlet hose nut on the inlet valve connector.
3. Fasten the inlet hose nut and swing it gently to make sure if it is suitable.

Cautions:When install the washing machine, please use a new hose. Do not reuse old hose

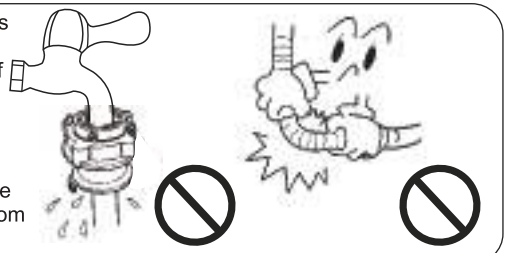
Connect the inlet hose connector to the inlet hose

1. Put the slider down and insert the inlet hose into the inlet hose connector.
2. Insert the hose firmly and the click sound is heard.



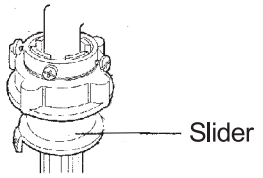
Check the connection between inlet hose connector and the tap

1. Swing the inlet hose gently to confirm if it is fastened.
2. After installation, open the tap and check if it leaks.
3. Do not bend the inlet hose.
4. Before each usage, check the connection between inlet hose connector and the tap, and the installation of inlet hose. Make sure they are firmly fitted to prevent dropping from improper installation position.



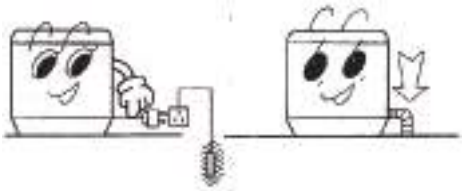
Dismantle the inlet hose

1. Close the tap.
2. If you use the washing machine more than once a week,there is no need to remove the inlet hose connector to avoid damaging the fixing screw.



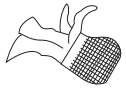
Preparation before operation

Preparation before washing
1. Connect the inlet hose and open the tap.
2. This appliance must be earthed. Confirm the socket is earthed reliably and insert the power plug. The earth terminal should not link to gas pipeline, tap pipeline etc.
3. Put down the drainpipe.



Warning: the temperature of the water should be less than 50℃!

Before washing the laundries, please pay attention to the followings:

Make sure if there is special requirements for the laundries	Before washing, empty all pockets of small objects which may have been left inside(coins, keys, screws etc.).	Knot the long band, fasten the buttons and close the zippers.	Do not overload the machine. Load the laundry loosely alternating large items with small ones.	Sort the laundry according to the type of fabric, color-fastness and how dirty it is. Put thin laundries, woolens and such prone to wear and tear laundries into washing bag.
				

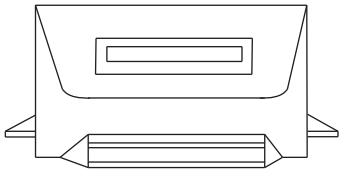
A. Make sure the laundries are washable.
B. It is essential to wash new colored items separately when washing for the first time. White items should not be washed with colored items.
C. Please immerge the non-absorbable laundries by hand.
D. Some stains such as fruit, wine, grass, rust etc. are difficult to remove and should be treated before washing with specific products, which can be found in most household shops. In some cases it may help to soak the stain before washing with a special pre-soak product or biological detergent.
E. Overturn the nap fabric and long floss laundries before putting them into the machine.
F. Do not put the laundries polluted by chemicals into the machine directly.
G.Very small item(handkerchiefs, ribbons, socks etc) should be washed in a washing bag or a pillow case.

Load laundries

- The capacity of washing and spinning of the machine is refer to the largest weight of the standard laundries under dry condition. Washing quantity shall be lower than the rated capacity. The maximum capacity of this machine is 7.0kg.
- Different thickness, size and type of the laundries will influence the actual washing capacity.
- Do not select high water level when laundries are less than 1.0kg to avoid water splashing.

Use of detergent

Detergent box



- Withdraw the dispenser box before adding detergent
- Pour concentrated synthetic washing powder into the box directly as shown in the left illustration.
- The dosage of the washing powder, please refer to below.
- It is suggested to use low sud washing powder.

How to use bleach

- Fill water to the selected level, dilute the bleach in the container, and pour it slowly into the washing tub.
- Do not use bleach for colored or figured laundries as they are prone to lose colors.
- Do not put bleach to laundries directly.
- Refer to the manual for the usage and quantity of the bleach.
- Please dissolve powder bleach before use.

How to use the washing powder

- Dissolve in the machine directly（not suitable for preset program）
  1. Low water level.
  2. Add the washing powder, and run for 30 seconds to dissolve it completely.
  3. Put laundries in and select suitable water level.
- The instant dissolving of the washing powder
  1. Prepare warm water of 30℃ in a container.
  2. Pour the powder while stirring to fully dissolve it.
- Washing powder with poor quality or not used for a long period may get blocked, please clean the detergent box in time.

Remarks: avoid splashing of water and waste of washing powder, water level should not be too high if laundries are too small.