Panasonic

Operating & Installation Instructions

Fully Automatic Washing Machine
(Household Use)

Model No. NA-F10JS1
NA-F70JS1



No. Reg.: PMKG.251.04.2025

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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.

10035158

Specifications

Model		NA-F70JS1	NA-F10JS1
Rated Capacity of Wash and Spin		7.0 kg	10.0 kg
Rated Voltage		240 V~	
Rated Frequency		50 Hz	
Water level / Water volume (about)		10/58 L 9/53 L 8/48 L 7/44 L 6/40 L 5/36 L 4/32 L 3/28 L 2/24 L 1/21 L	10/71 L 9/65 L 8/60 L 7/55 L 6/50 L 5/45 L 4/41 L 3/37 L 2/33 L 1/29 L
Inlet Pressure		0.05 MPa - 0.85 MPa	
Rated Power Input	Wash	450W	600W
	Spin	450W	550W
Product Weight		About 30kg	About 34.5kg
Product Dimensions		W:538 x D:557 x H:902 (mm)	W:564 x D:578 x H:968 (mm)

Other functions

1.Error display

Display	Explanation	Troubleshooting
U12	The lid is opened when preset is started	Close the lid and clear the alarm
	The lid is opened in the middle of washing process	
	The lid is opened in the middle of spinning process	Close the lid and press "Start/Pause" to continue operation
U11	After draining for 5 minutes, water still does not reach the minimum water level	Please refer to Page 14 &15 for troubleshooting
U13	Clothes are concentrated on one side of the tub	Open the lid, place the laundry evenly, then close it and clear the alarm.
U14	Water cannot be supplied	Please refer to Page 14 &15 for troubleshooting
U99	The lid is opened after setting child-lock	Close the lid and clear the alarm
H01	Water Level sensor is abnormal	Unplug the power cord and report to a service person
EE	After setting Water Recycle function, the machine does not drain and spin after the last rinse	Press "Start/Pause" to continue operation

2.Imbalance adjustment

During spin process, if the laundry is not placed evenly in the tub, it would cause Violent vibration. This machine has imbalance adjustment function. Once vibration is beyond certain level, the adjustment system will start to adjust the imbalance automatically.

3.Power turns off

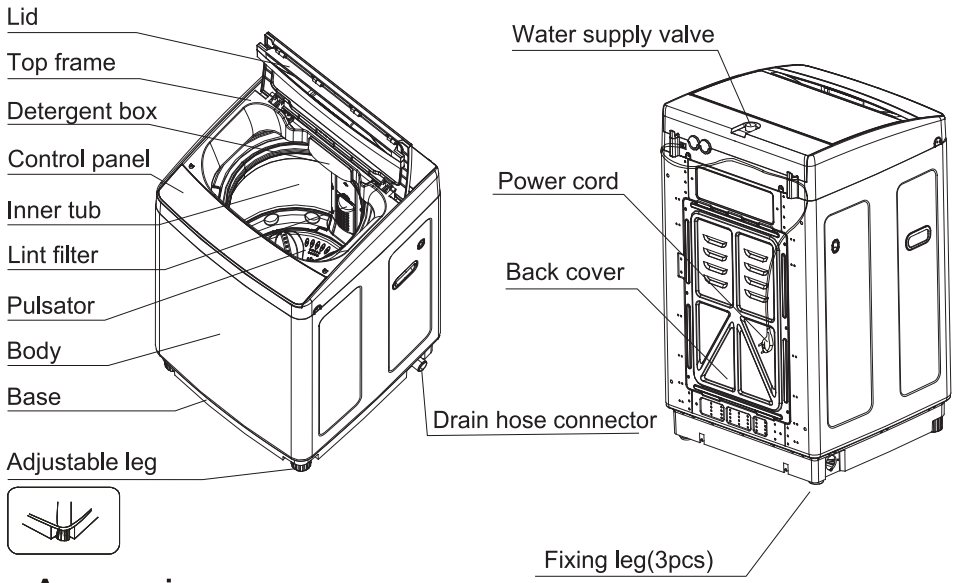
3-1.If you do not start the program in 10 minutes after pressing power button, power will turn off automatically.

3-2. After the operation finishes, the appliance sounds a buzzer and power turns off automatically.

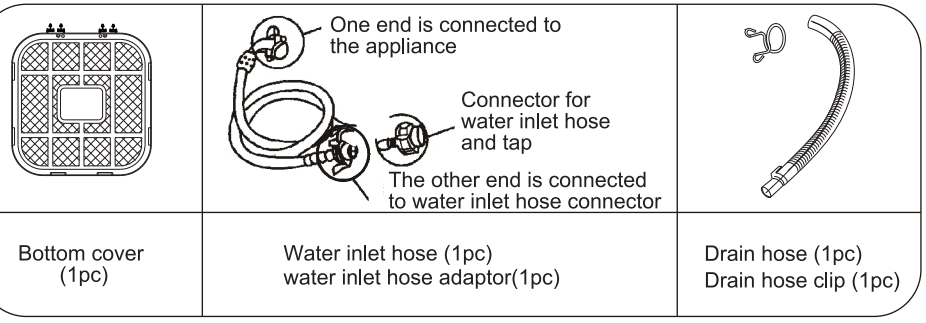
4.Water recycle function

When the Water Recycle function is set, the machine will not drain or spin after the final rinse. Instead, the digital timer displays “EE,” “Spin” indicator light flashes and there is a buzzer sound. The machine pauses at this stage. If no action is taken, this function sounds a buzzer every 10 minutes and the power automatically turns off after one hour. To continue, press the Start/Pause button. The water left in the tub can then be reused.

Part names



Accessories

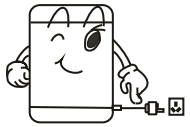


Symbol definition

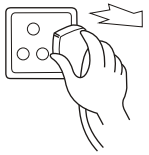
Warning symbol 	There maybe risks of causing serious injuries or damages to the appliance if you do not follow the warning.
Prohibition symbol 	Do not perform any actions marked with this symbol. Otherwise, it may cause injuries or property damage.

Safety Precautions

Please insert the plug into the power socket with rated voltage 240V A/C.



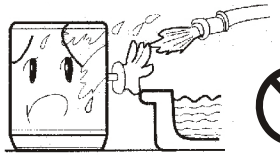
Always unplug the appliance and turn off the water faucet when the power is cut, the washing machine is being moved, cleaned or not in use. Do not plug in or unplug the power cord with wet hand.



Do not bend, stretch, twist, strap, modify, press, or nip the power cord. If the power cord is damaged, it must be replaced by the manufacturer, its service agent, or a similarly qualified person to avoid hazards. The plug pin must stay clean. Please clean it carefully with a dry cloth if it's dirty.



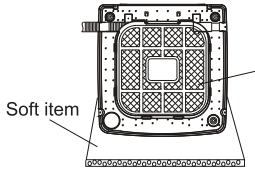
Do not install the washing machine in a damp location. Do not wash the machine with water, and do not place wet clothes on the control panel.



Do not directly use hot water at 50ºC or higher.



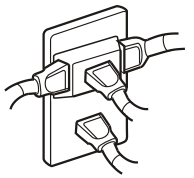
If the appliance is placed on a carpeted floor, please adjust the leg to allow the air to circulate.



Do not wash raincoat, bike cover, feather garments or other waterproof items, which may cause abnormal vibrations during spin process.



Do not use a plug adaptor or extension cord. Do not use a damaged plug or a loose socket.



	Troubleshooting
	Insert the plug firmly Check the socket or change to another socket Press power button Check power supply
	Install the inlet hose again Tighten the water faucet adapter firmly
	Lower the drain hose Straighten or clean the drain hose
	Restart when water supply is resumed Turn on the water faucet Clean water supply filter
	The appliance adjusts automatically
	Close the lid
	Normal
	Normal

Notes : If the problem persists after performing the above checks, unplug the machine and contact the seller immediately. Do not attempt to repair the appliance yourself.

Troubleshooting

Before contacting the technicians, please make the following checks:

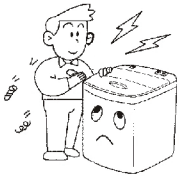
Phenomena	Possible reason
No display on the control panel	Plug is not inserted fully No electricity in the socket Power is not turned on Power supply is cut off
Water leakage from inlet hose	Inlet hose adaptor (connecting with the tap) is loose Inlet hose adaptor (connecting with the appliance) is loose
Water cannot drain	Drain hose is placed too high above the floor Drain hose is bended or clogged
No water supply	Water outage Water faucet is not turned on Inlet hose gets blocked
Spinning stops and water is supplied in the middle of spin process	Too much or too little laundry The appliance is placed in an uneven or unstable location
Select SPIN but the machine does not enter spin cycle	Lid was not closed after drain cycle Lid was not closed when draining starts
The spin cycle is intermittent when it starts	Place the laundry evenly to achieve the best spin performance
Water leakage from the drain hose during the first use	Remaining water from factory testing

Cautions

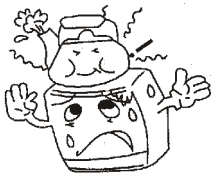
Do not put your hands into the washing machine while it is operating.
Keep children away and do not allow them to climb on the appliance.



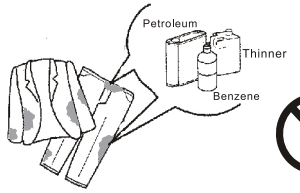
Do not attempt to modify the appliance yourself.



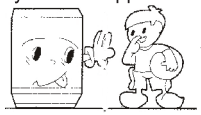
Do not overload the appliance or place hot objects (such as kettles with boiling water) on the top.



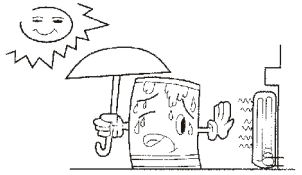
Clothes that have been in contact with flammable substances should not be washed in the washing machine.



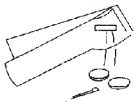
This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
Children should be supervised to ensure that they do not play with the appliance.



Keep the appliance away from direct sunlight and heat sources such as heaters.



Do not put objects such as coins, safety pins, nails, screws, stones, or any other hard or sharp materials into the machine, as they may cause serious damage.



Before washing, ensure the water faucet is turned on.

Installation and adjustment

Before using

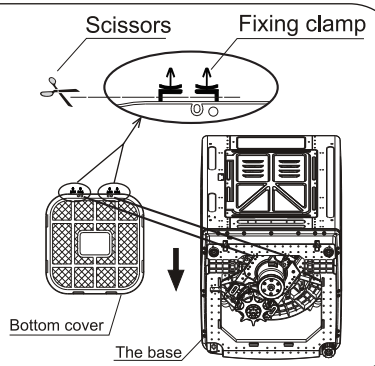
Please install the appliance according to the instructions in this manual. Proper operation is essential for your safety.

Unpacking

- Unpack the carton box and take out the bottom cover.
- Open the lid of the washing machine and take out all accessories.
- Remove all packaging, including the polystyrene base.
- Keep all packaging for future use, in case the appliance needs to be transported again.

Installing the bottom cover

- Tilt the washing machine forward, then insert the bottom cover into the base from the back, following the direction shown by the arrow.
- Use scissors to remove the two clamps. Insert them into the holes marked with lines (pull them out slowly, do not use force). Secure the bottom cover to the base of the washing machine.

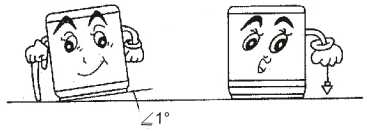


Positioning

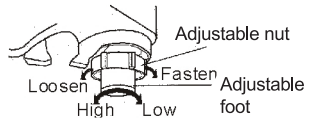
The distance between the washing machine and the wall should be at least 50mm, and the maximum allowable tilt angle of the appliance is 1°.

If the ground is uneven or slanted, the appliance may stop or wobble. Please adjust it using the following methods:

- Level check:
  Use a plumb line or tied thread to check if the appliance is level.



- Adjust the adjustable legs:
  1. Lift the washing machine slightly, loosen the adjustable nut, then turn the legs to the desired height.
  2. After the adjustment, tighten the nut securely.



Maintenance

Operation

Maintenance methods

At the end of the program

- The machine will stop automatically, and a buzzer will remind you to remove the laundry or start a new cycle.
- After using the machine, it is recommended to unplug it and turn off the water tap to prevent water leakage or fire hazards.

External cleaning

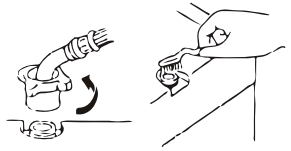
Clean the exterior of the appliance with a soft cloth. Do not use cleansers or volatile chemicals as they may damage plastic parts and surfaces.



Inlet hose filter cleaning

If the inlet hose filter is clogged with dirt, clean it as follows:

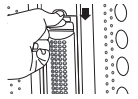
1. Turn off the tap and power supply.
2. Start the washing machine for 5 seconds (to let water in the inlet hose flow into the tub), then turn off the power.
3. Disconnect the inlet hose, remove and clean the filter, then reinstall them.



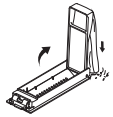
Lint filter cleaning

Clean the lint filter after each use.

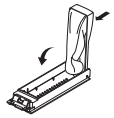
1.Press down on the clip to pull out the lint filter.



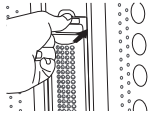
2.Open the filter, remove the lint, and wash the filter with water.



3.Attach the filter in its original position. If there is lint on the back of the inner tub wall, clean it as well to avoid lint buildup and poor hygiene during the next wash.



4.When reinstalling the lint filter, please ensure it is installed properly.



1. After using the machine, turn off the water taps (If necessary, disconnect the inlet hose.)
2. Do not keep water in the tub for a long time. When the operation is finished, drain it immediately.
3. After finishing using the appliance, unplug it.
4. Place the power cable and drain hose properly.
5. Wipe the water off the surface and the inside of the tub with a soft cloth. Leave the lid open for a while to help prevent mold and odors inside the appliance.

If there is a risk of freezing:

- In winter, if water is left in the tub, it may freeze and cause damage to the appliance. To prevent this, remove the inlet hose and drain the water from the hose and inner tub.
- If the water has already frozen, do not operate the washing machine. Instead, pour 40°C hot water into the tub until it covers the pulsator. After a few minutes, gently rotate the pulsator by hand, then you can use the appliance again.

Operation steps

Operation steps

1.Plug in and press the “Power” button to turn the power on.

- If there is no water in the inner tub: Press “Start/Pause” button and the default program is ”Normal”. The machine enters FUZZY mode and starts to detect the amount of laundry, then set the water level automatically. If “02” “Heavy” program is set, the machine also enters FUZZY mode.
- If there is water in the inner tub: Press “Start/Pause” button and the machine enters Non-FUZZY mode. The water level defaults to “7” and the default program is “Normal”.

2.At the beginning, spin process can be set solely if there are no other settings.

3.To set a program, press the “Program” button. The digital timer displays program numbers from “01” to “10”, corresponding to the following: Normal, Heavy, Delicates, Daily Wash, Wool, Speedy, Baby Care, Tub Hygiene, Air Dry and Water Cycle.

4.Press “Water Level” button to set the water level. The digital timer will show a value from 1 to 10, corresponding to the water levels 1–10. At this point, the Fuzzy Logic function is disabled, and the water level must be set manually according to the amount of the laundry.

5.To set timer, press “Preset/Air Dry” button. The indicator light will flash each time you press the button. The amount of time later to finish operation will be displayed. To cancel the preset, press the “Start/Pause” button. The machine will return to standby mode.

6.Close the lid and press “Start/Pause” button.

7.When the washing is finished, the appliance buzzes and the power turns off automatically.

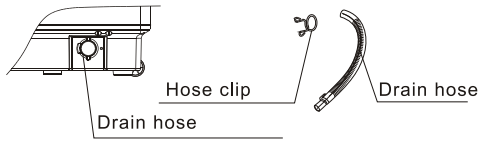
How to use drain hose

Install drain hose

Insert the hose clip 2–3 cm from the end of the drain hose. Connect the drain hose to the connector and secure it with the clip.

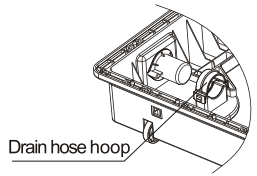
How to change the direction of the drain hose

1. Remove the drain hose and hose clip from the connector. Place a soft mat on the floor, then carefully lay the washing machine on its front side. Remove the screws on the back cover with a screwdriver and take off the back cover. Unscrew the bolt securing the drain connector (on the right side of the washing machine) and loosen the connector.



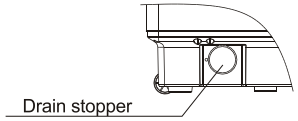
(Section sketch map for washing machine’s right side)

2. Pull the drain hose out gently and remove the drain hose hoop (on the right side of the washing machine). Then loosen the inner drain hose.



（Section sketch for inside of washing machine）

3. Gently remove the drain stopper from the left side of the washing machine. The drain stopper is fixed to the machine base with two clips.



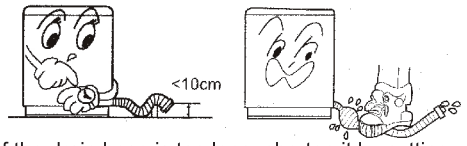
(Section sketch map for washing machine’s left side)

4. Move the inner drain hose to the other side. Attach it with the drain hoop and secure it to the connector with one screw. Install the drain stopper on the opposite side, then set the washing machine upright. Reattach the back cover with screws and finally install the drain hose into the connector.

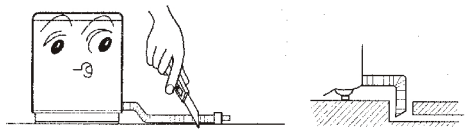
Water drainage

The drain hose should allow water to flow smoothly.

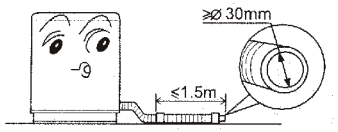
1. The drain hose should not be raised higher than 10 cm above the floor, or else drainage will be slow and the appliance may stop in the middle of operation.
2. Do not step on or press the drain hose.



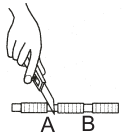
3. If the drain hose is too long, shorten it by cutting at a slant to improve water flow.



4. If you need an extension hose, use one with a diameter of at least 30mm and a length not exceeding 1.5 m.

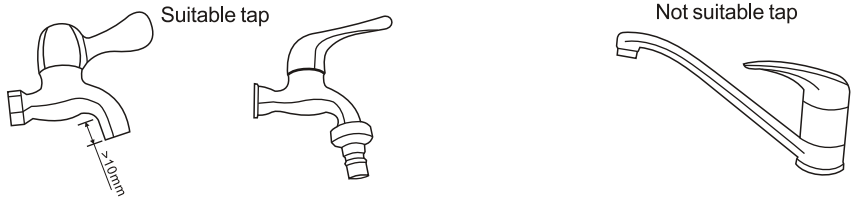


If the extension hose is too long, cut it at point A or B as shown.



Water inlet installation

Tap selection



Use a tap with a front end longer than 10 mm. The end of the faucet should be flat and smooth to ensure a proper seal. If not, file the surface to prevent leaks.

Connect the inlet hose adaptor to the water faucet

1. Press down the slider and remove the inlet hose adaptor from the inlet hose (see Illustration 1).
2. Loosen the four bolts on the inlet hose adaptor then insert the adaptor onto the tap (see Illustration 2). If the tap is too large and the inlet hose cannot fit, unscrew the four bolts, remove the bushing, and then reattach the adaptor. The faucet aerator must be flat, otherwise it will leak (see Illustration 3).

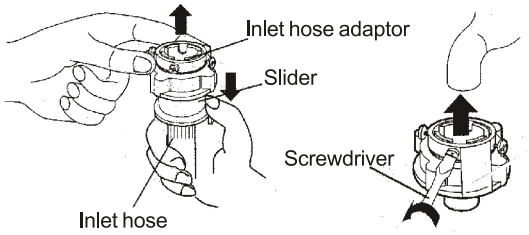


Illustration 1

Illustration 2

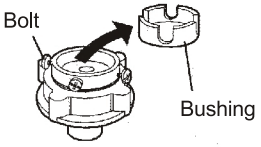


Illustration3

3. Tighten the four bolts evenly to secure the inlet hose connector (see Illustration 4).
4. Tighten the nut as shown (see Illustration 5).

Note: Before tightening the nut, the thread should be about 4mm above the top of the nut. After tightening, the thread should be less than 2mm above the nut (see Illustration 6).

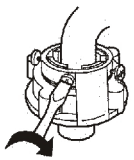


Illustration 4

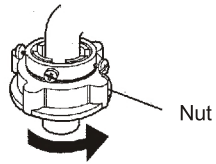


Illustration 5

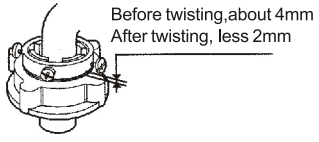


Illustration 6

Control panel instructions



- After power-on, if FUZZY Logic is not available and the water level is not set, the digital timer displays "--". Before the operation,if the program is "Normal" or "Heavy" (digital timer displays "01" or "02"), the FUZZY function is available. The FUZZY function is not available for the "Daily Wash" program (timer "04") or when no program is selected. In these cases, the default water level is set to "7".
- Before starting, press "Water Level" to change water level. The digital display shows levels 1–10, with 1 being the lowest and 10 being the highest. FUZZY function adjusts the water level automatically based on the amount of laundry: Levels 1–2: very low Levels 3–4: low Levels 5–8: medium Levels 9–10: high
- During washing process, press "Water Level" to add water. Press the button again to stop. Another way is to pause the machine, select a higher water level with "Water Level", then press "Start/Pause". The machine will automatically supply water to the selected level and continue washing. If the new water level setting is lower than the current level, the lower setting will only apply for the next water supply.
- Automatic water adjustment: If the actual water level falls below the set level, the machine will pause and automatically fill to the selected level.



- To prevent children from falling into the tub, press "Water Level" button and "Preset/Air Dry" button together to set Child Lock. The digital timer will alternately display the remaining time and "CL". Press the same buttons again to cancel Child Lock.
- When Child Lock is active, all buttons (including the power button) are disabled. If the lid is opened, the machine will stop and sound a buzzer. If the lid is closed within 5 seconds, the buzzer will and the machine will resume.
- If the lid remains open for more than 5 seconds, the machine will start draining (if there is water in the tub) and the buzzer will sound. If Child Lock is canceled, the draining will stop. Otherwise, the machine will sound a buzzer every 10 minutes until resolved.

Control panel instructions

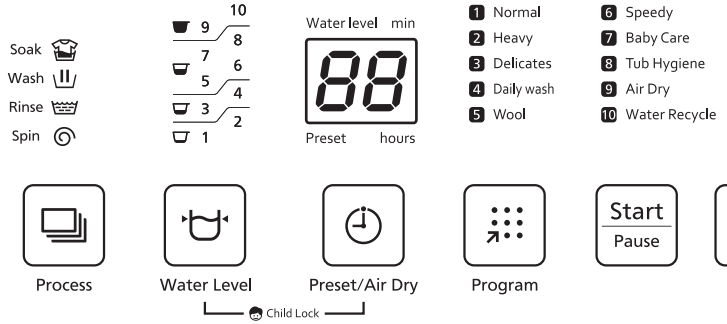
Program Operation

Control Panel

Mode and meaning of the indicator light

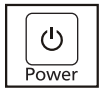
On : Indicates the selected mode.

Flashing : Indicates the program is running.

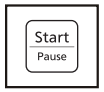




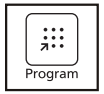
- Press this button to select one cycle from "Wash-Rinse-Spin"、"Spin"、"Soak-Wash-Rinse-Spin"、"Wash"、"Wash-Risne"、"Rinse-Spin".
- At the beginning of operation, the default process setting is "Wash-Rinse-Spin".



- To turn the power on



- After selecting Program, Process, and Water level, press this button to start. Press this button during operation to pause, then press again to continue.



- Based on the laundry load and preference, press this button to select a program.
- At the beginning of operation, the digital timer displays “01” to “10,” corresponding to 10 programs: Normal, Heavy, Delicates, Daily Wash, Wool, Speedy, Baby Care, Tub Hygiene, Air Dry, and Water Recycle.
- If you select the Water Recycle program (“10”) and start the machine, after the last rinse it will not drain or spin. Instead, the “Spin” indicator flashes, and the machine sounds a buzzer. It will stop until you press Start/Pause to clear the alarm and continue to the drain and spin process. This allows you to reuse the rinse water if needed.



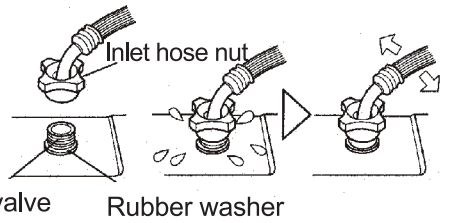
- To set timer, press “Preset/Air Dry” button to select from 2-24 hours
- To cancel the preset, press the “Start/Pause” button. The machine will return to standby mode.
- To enter Air Dry program, press "Program" button to select Air Dry. Then press "Preset/Air Dry" button to select specified air dry time.

Water inlet installation

Before using

Connect the inlet hose to the washing machine

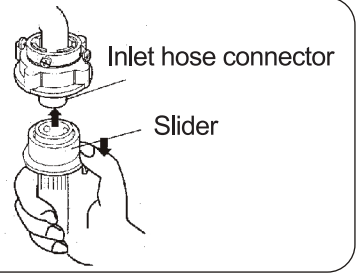
1. Do not remove the rubber washer. Check if the rubber washer is damaged or missing before each use. If it is, contact the seller immediately.
2. Place the inlet hose nut onto the water supply valve.
3. Tighten the inlet hose nut and make sure it is secure.



Caution: When installing the washing machine, always use a new hose. Do not reuse a used one..

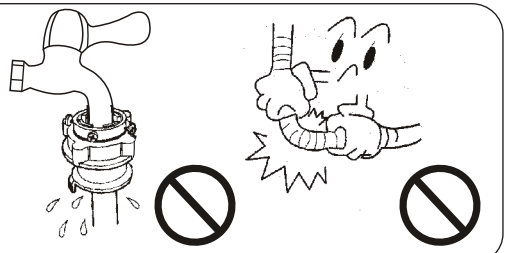
Connect the inlet hose connector to the inlet hose

1. Push the slider down and insert the inlet hose into the inlet hose adaptor.
2. Insert the hose firmly until there is a click sound.



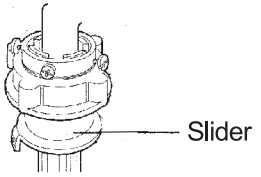
Check the connection between inlet hose connector and the tap

1. Check to make sure it is tightened firmly
2. After installation, turn on the water faucet to check if water leaks.
3. Do not bend the inlet hose.



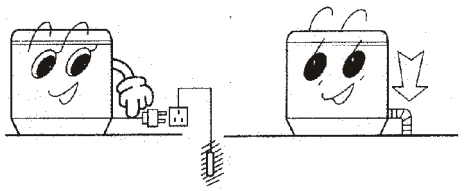
Remove the inlet hose

1. Turn off the water faucet.
2. If you use the appliance more than once a week, there is no need to remove the inlet hose adaptor to avoid damage to the screw.



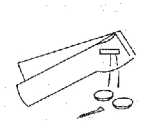
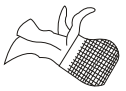
Preparation before operation

1.Connect the inlet hose and turn on the water faucet.
2. Ensure the earth wire is securely connected to both the appliance and the ground point.
Important: Do not connect the earth wire to a gas pipeline, tap water pipe, or telephone line.
3. Place the drain hose properly.



Warning: The water temperature should not exceed 50°C.

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

● Check laundry labels to see if there are any specific washing notice.	● Empty all pockets: remove coins, keys, screws, and any other small objects	● Tie long strings, fasten buttons, and close zippers to prevent damage.	● Do not overload the washer. Mix large and small items for better balance.	● Sort items by fabric type, color, and level of dirtiness. Wash wool and delicate fabrics in a laundry net.
				

- Ensure all items are washable.
- Wash new colored items separately for the first time. Do not wash white items with colored ones.
- Do not wash water-proof items in the washing machine.
- Pre-wash stubborn stains such as oil or wine with proper stain removers.
- Turn delicate items inside out before washing to reduce wear.
- Do not load laundry directly with chemicals into the machine.
- Use a laundry net for small items such as handkerchiefs, ribbons, and socks.

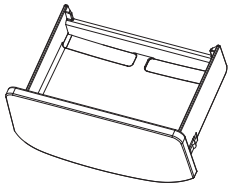
Loading laundry



- The washing and spinning capacity of the appliance is based on the amount of standard laundry under dry conditions. Actual capacity should be less than the rated maximum. For detailed capacity information by model, please refer to the specifications on Page 17.
- The thickness, size, and type of fabrics will affect the actual washing capacity.
- Do not select a higher water level if the laundry load is less than 1.5 kg to prevent water splashing.

Use of detergent

Detergent box



- Pull out the detergent box before adding detergent.
- Put detergent into the compartment as shown in the illustration.
- Refer to the detergent packaging for recommended dosage.
- It is recommended to use low-sud detergent.

How to use bleach

- Fill water to the selected level. Dilute the bleach then pour slowly into the tub.
- Do not use bleach on colored or patterned fabrics as they may fade or cause discoloration.
- Refer to the bleach packaging for specific usage instructions.
- Use only household bleach intended for laundry.
- Please dilute bleach before use.

How to use Powder detergent

- To dissolve directly in the tub (not suitable for preset program).
  - Set the machine at low water level:
  - Add powder detergent directly into the tub.
  - Run the machine for 30 seconds to fully dissolve the powder.
  - Put the laundry in and select suitable water level.
- To dissolve immediately
  - Prepare warm water at 30°C in a container.
  - Pour in powder detergent and stir until fully dissolved.
- Using low-quality or undissolved powder detergent for a long period may cause buildup and clog the detergent box. To prevent blockages, clean the detergent box regularly.

Remarks: Water level should not be set too high when laundry load is small.