

Operating & Installation Instructions

Fully Automatic Washing Machine
(Household Use)

Model No. **NA-FJ120V1**
NA-FJ105V1



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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.

AWW9901CLCC0-0C0

A0726-0(S)

Printed in Vietnam

07-2026



Safety Precautions

WARNING

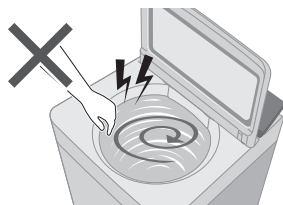
May cause serious injury or death.

Children must not use it alone.

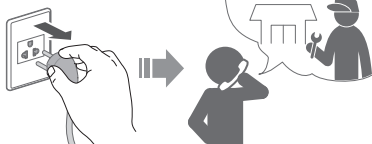


- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children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

Do not touch the tub until it stops.



- If the tub does not stop within 15 sec:

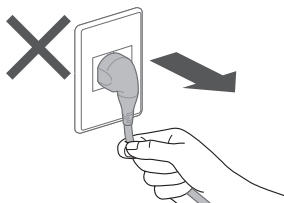


May cause fire or electric shock.

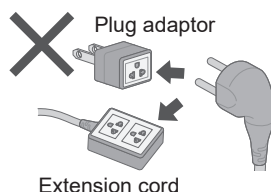
Do not touch it with wet hands.



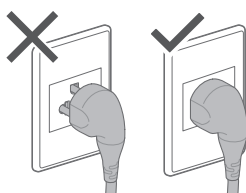
Do not hold or pull on the cord.



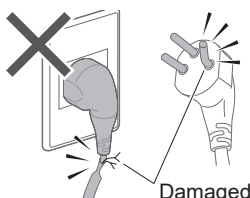
Do not use.



Fully insert it.

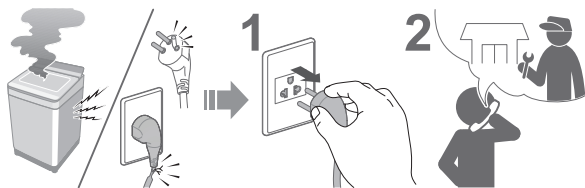


Do not use.

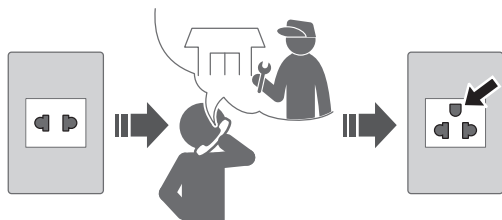


- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

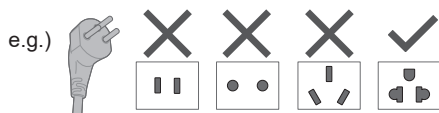
In case of failure or damaged power cord, stop use and ask the service centre.



**Securely insert the ground prong.
Call your local dealer for a new socket.**

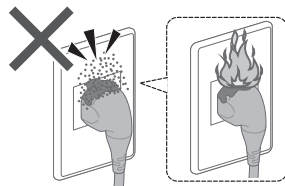


Use a socket appropriate for this appliance.



- The plug shape, socket shape and rating requirement varies with the region.

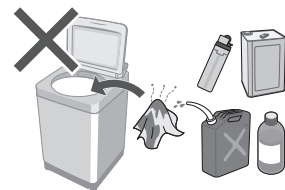
Accumulated dust may cause fire.



Wipe the power plug periodically.



Keep away from flammable materials.



May cause failure.

Never disassemble, repair or modify it by yourself.

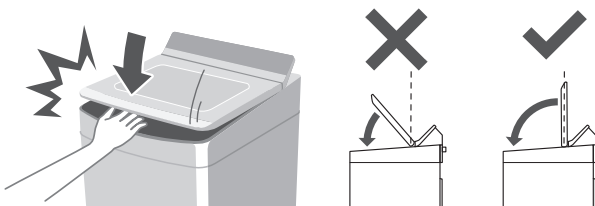


Safety Precautions (continued)

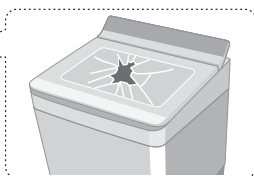
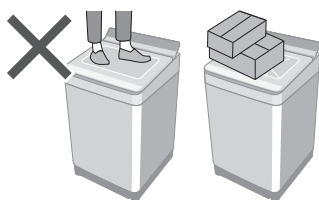
CAUTION

May cause injury.

Be careful not to get your fingers caught.



Do not climb or put objects on the appliance.

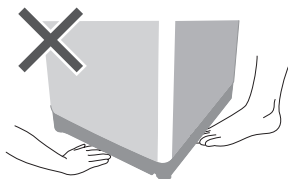


- If the lid is broken, immediately stop using.

Do not touch when it is hot.

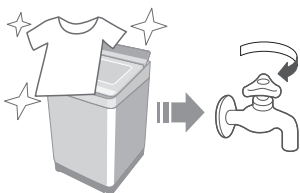


Be careful of your hands and feet.

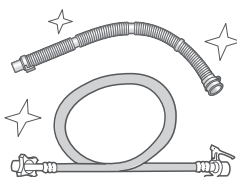


May cause water leakage.

Turn off the water faucet.



Use new hose-sets.

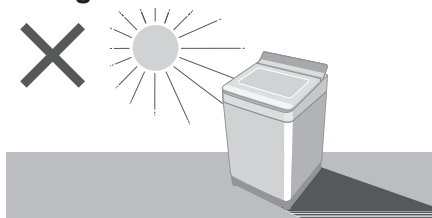


- New hose-sets supplied with the appliance are to be used and old hose-sets should not be reused.

■ For maximum mass of dry cloth and pressure of tap water, see Page 32.

May cause failure.

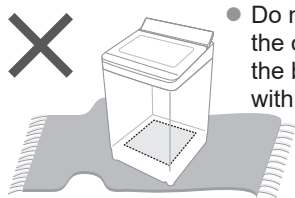
Keep away from heat and direct sunlight.



Do not wash waterproof items.

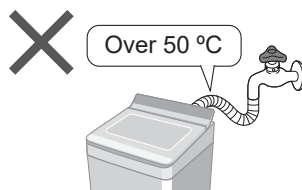


Do not obstruct.



- Do not obstruct the openings of the bottom face with carpet, etc.

Do not use hot water.



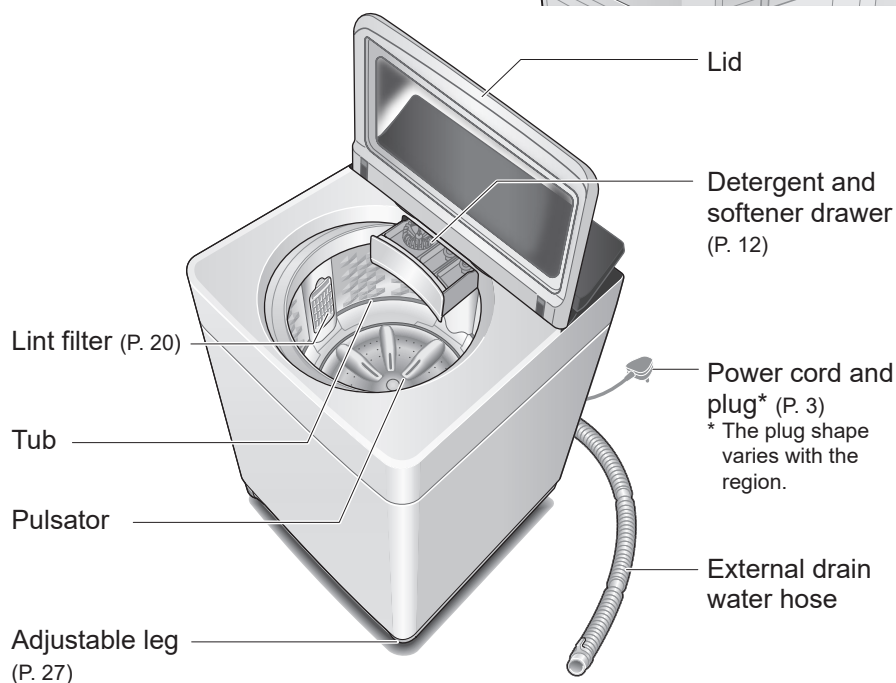
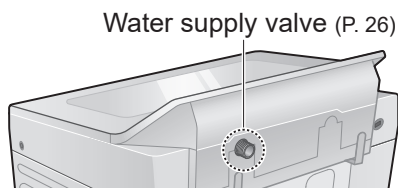
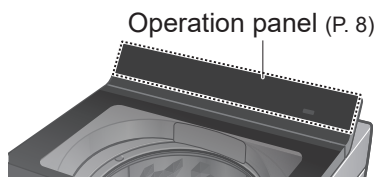
For Machine-washable items only.



- This appliance is intended to be used in household. This appliance is not intended to be used in applications such as:
 - Staff kitchen areas in shops, offices and other working environments;
 - farm houses;
 - by clients in hotels, motels and other residential type environments;
 - bed and breakfast type environments;
 - areas for communal use in blocks of flats or in laundrettes.

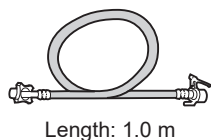
Part Names / Accessories

Part names



Accessories

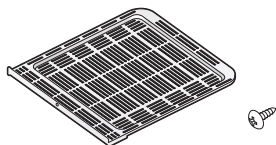
- ☐ Water supply hose (1)
(P. 26)



- ☐ External drain water hose (1)
(P. 25)



- ☐ Bottom cover (1) / Screw (1)
(P. 25)



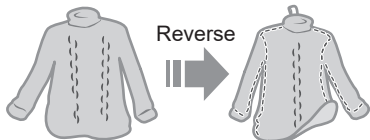
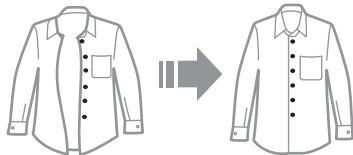
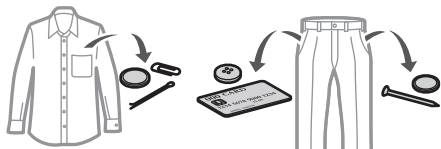
- ☐ Water tap adaptor (1) (P. 26)



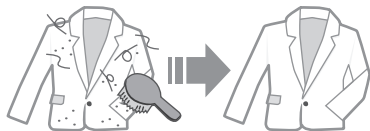
Before Washing

Laundry preparation and check

Pre-laundry check

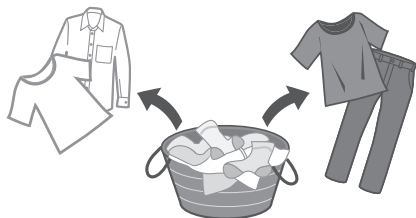


Clothes likely to pill

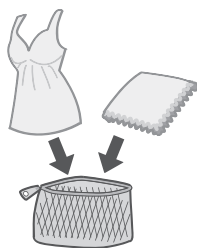


Paper diapers

To prevent colour staining

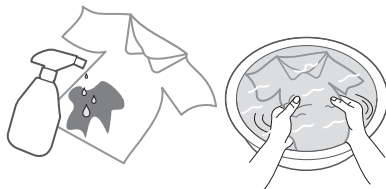


Use laundry nets for delicates



For "StainMaster+" (P. 16)

- Pretreatments for heavily stains



- Observe the clothes' care labels



- For  60 °C Steam Bacteria Elimination

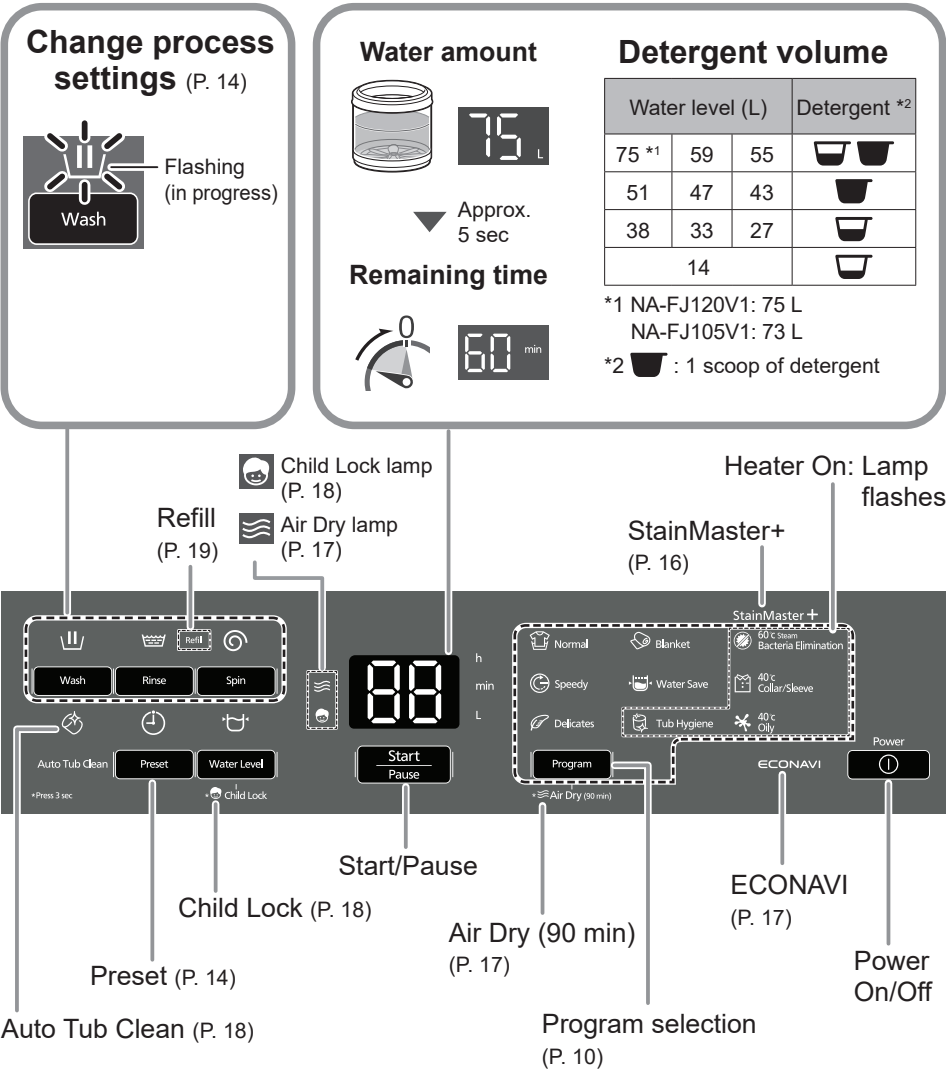
- Coloured clothes
- Shirts with stiff fabric



- Rubber clothes
- Graphic shirts



Operation Panel



- NOTE**
- In case of a power failure.
 - ⇒ Operation will resume from where it stopped when the power recovers.
 - If you do not press  within 10 minutes after power-on.
 - ⇒ Auto power off.
 - The wash process setting of the “StainMaster+” programs cannot be changed.

Washing

1



NOTE

The displayed program may vary depending on your washing history. (P. 17)

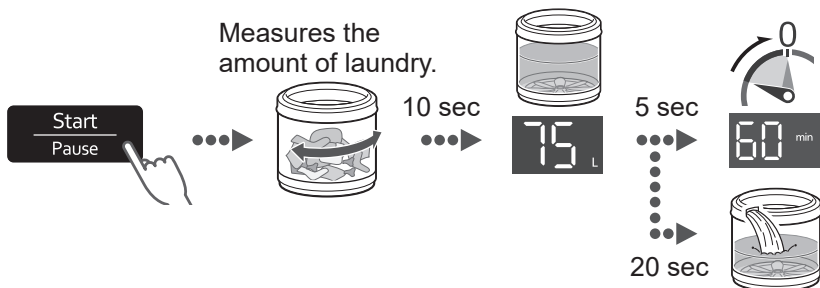
2



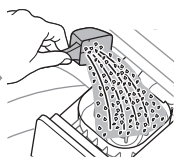
■ Preset timer



3



4



(P. 12)

5



NOTE

When the lid is opened, the machine will display U12 to alert that the lid is open.

■ After pressing “Start”

- To change each operation (while washing).

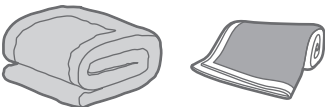


- To check or change the water level (while washing).

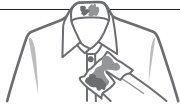


- You cannot change the program.

Variety of Programs

	Program	Purpose	Max. capacity * (kg)
Wash	 Normal (P. 9)	● Everyday clothes 	12.0 10.5
	 Speedy (P. 9)	● For light soil 	12.0 10.5
	 Delicates (P. 15)	● Washing gently 	4.2
	 Blanket (P. 15)	● Comforters and blankets  With a machine-washable tag	4.2
	 Water Save (P. 9)	● Saving water 	12.0 10.5

* Top: NA-FJ120V1 / Bottom: NA-FJ105V1

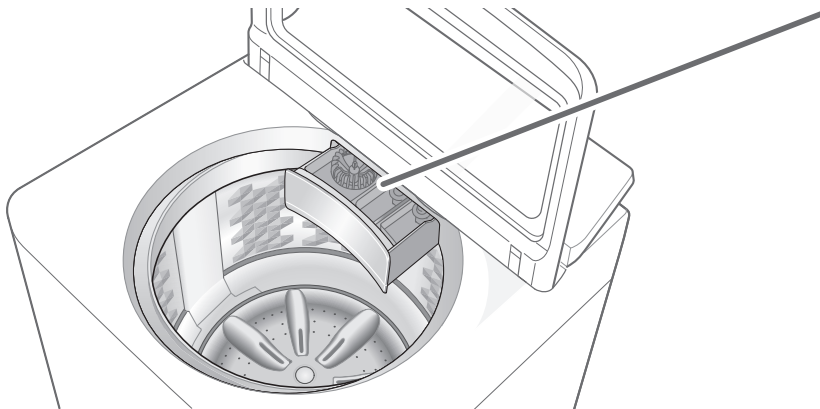
	Program	Purpose	Max. capacity * (kg)
Wash	StainMaster + (P. 16)	● For the following stains	4.0
	 Bacteria Elimination (60 °C Steam)		
	 Collar/Sleeve (40 °C)		
	 Oily (40 °C)		
Dry	 Air Dry (90 min) (P. 17, 23)	● Drying synthetic fibre clothes 	2.0
		● Tub drying 	—
Maintenance	 Tub Hygiene (P. 23)	● Tub cleaning Removing black mould and smell 	—

NOTE

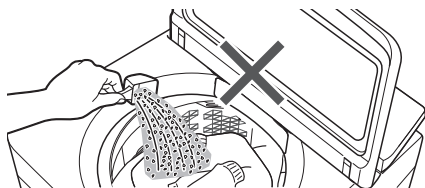
- Auto Tangle Care: Disentangling clothes after spin
- Available with programs: “Normal”, “Speedy” and “StainMaster+”.
- Capacity of dry cloth: 7 kg or less.
- “Normal” program is recommended for a normally soiled loads at the rated capacity of this washing machine.
- “Water Save” program is recommended for a normally soiled loads at the rated capacity of this washing machine to achieve better water efficiency in Singapore.

Detergent / Softener / Bleach

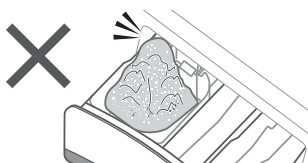
- Follow the dosage and instructions on the product packaging.
- For cleaning (P. 21)
- Close auto dosing drawer completely before use.



Detergent



- **Do not pour detergent directly into the tub.**
- The level of foaming depends on the load size, soil, detergent, and water hardness.

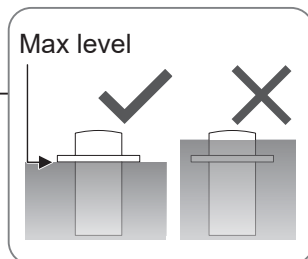
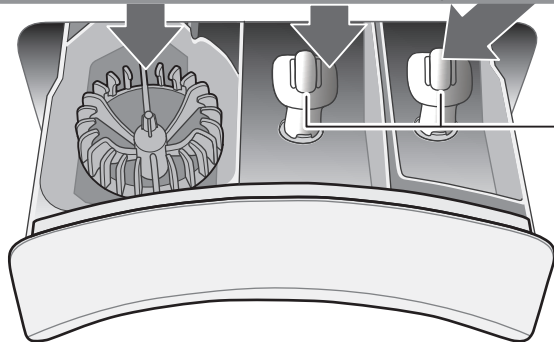
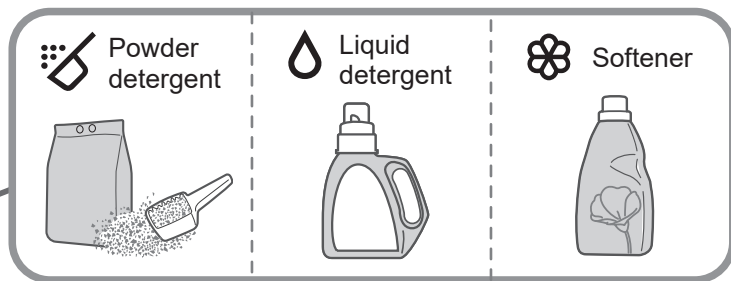


Bleach

Whiten bleach
(chlorine bleach)

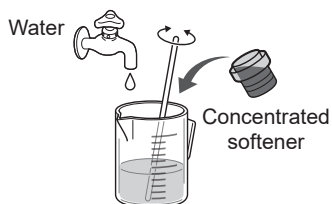
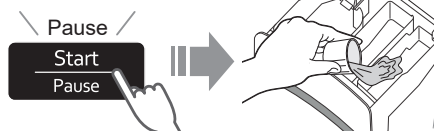


- To use bleach, put bleach in the powder detergent case (if bleach is in powder form) or liquid detergent case (if it is liquid bleach).



Softener

- To put softener while the machine is operating:



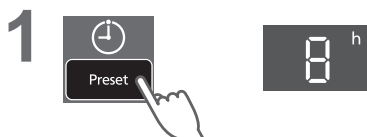
Do not use separated or solidified softeners

- Softener cannot be used with the "Water Save" program.

Washing Options

Preset

Set how many hours later to finish operation.



▼ 2 min

All other indications turn off.



Normal	2 - 24
Speedy	1 - 24
Delicates	-
Blanket	-
Water Save	2 - 24
<u>StainMaster +</u>	(P. 16)
Air Dry (90 min)	-
Tub Hygiene	-

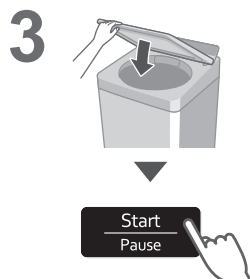
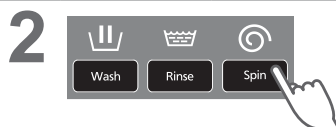
■ To confirm



■ To cancel or change



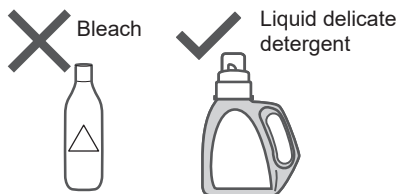
Wash / Rinse / Spin



Delicates

55 L	4.2 kg
47 L	3.0 kg

NOTE



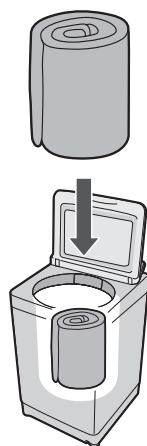
■ After operation ends



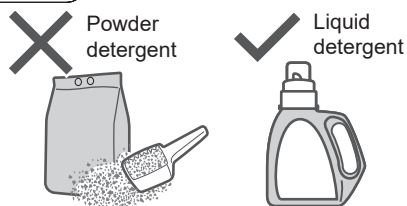
Blanket

Max. water amount *	4.2 kg • 100 % synthetic fibre • 100 % cotton
------------------------	---

* NA-FJ120V1: 75 L / NA-FJ105V1: 73 L



NOTE



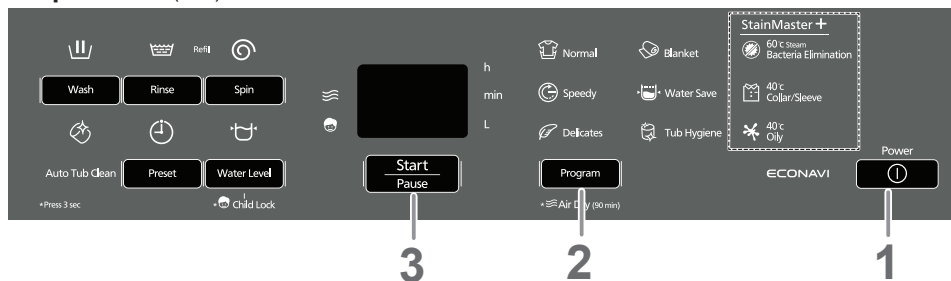
NOTE

- The water amount indication shows the maximum and cannot be changed.

Washing Options (continued)

StainMaster+

Preparation: (P. 7)



1



2



- Timer preset (hours) (P. 14)
- Bacteria Elimination: 4 - 24
- Collar/Sleeve: 3 - 24
- Oily: 3 - 24

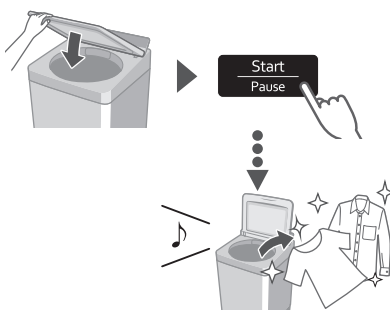
3



4

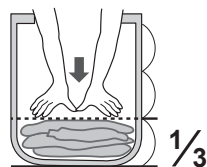


5



NOTE

- Max. capacity: 4.0 kg



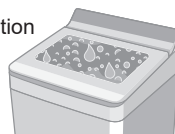
- Max. water amount: 55 L
- You cannot change the wash process setting of this program.
- When using **StainMaster +**

- Make sure to close the lid.



- Dew condensation may occur on the lid, etc.

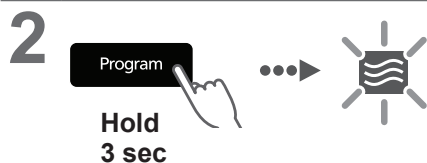
Condensation



Air Dry (90 min)

The air blown from the tub rotation removes water from clothes.

- Dryable clothes: Synthetic fibre (Max. 2.0 kg)



NOTE

- Clothes may not be sufficiently dried (depends on amount and type of clothes, and the temperature).
- This function does not use a heater. Clothes may be cold and half dry.

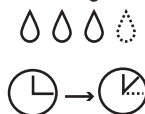
ECONAVI

● "Normal" program only

Weight / Temperature



Water and time saving*



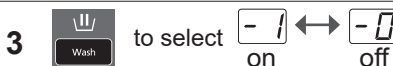
* Test conditions:

- "Normal" program
- Comparison between ECONAVI-enabled operation (amount of laundry: 2.0 kg, water temperature: above 35 °C) and ECONAVI-disabled operation (amount of laundry: 12.0 / 10.5 kg (rated capacity), water temperature: below 15 °C)
- Test was conducted based on IEC60456 except for water temperature.

My Smart Memory

Automatically suggests the most frequently used program and settings (wash, rinse, spin) based on the last 10 wash cycles. When the power is turned on, the indicators of the suggested program and settings light up.

■ To turn on/off



Convenient Functions

Setting Auto Tub Clean

Preventing black mould, available with all programs except "Water Save" and "Air Dry (90 min)".

■ Lamp indications



Operating



Function enabled



Function disabled

■ To turn on/off

- 1
- 2 ... Hold 3 sec
- 3 Hold 3 sec
- 4 to select ↔
- 5 ...

Cancelling end buzzer

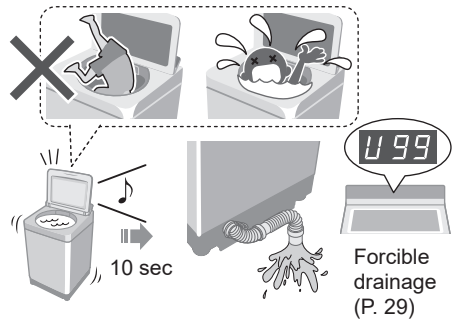
- 1 & Hold 3 sec

■ To reset:

same procedure



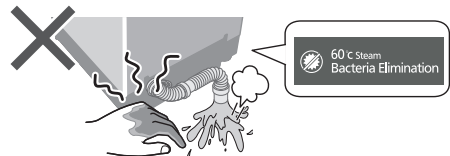
Setting Child Lock



* This function does not lock the lid and button operations.

- 1
 - 2 Hold 3 sec
- To cancel: same procedure

NOTE



Contents of Programs

Program		Total time ^{*1} (min)	Wash (min)	Rinse (times)	Spin (min)
	Normal	70	12	2	7
	Speedy	45	3	2	5
	Delicates	50	9	2	1
	Blanket	75	12	2	5
	Water Save	60	12	2	7
StainMaster+	 Bacteria Elimination	195 ^{*2}	33 ^{*3}	2	7
	 Collar/Sleeve	155 ^{*2}	41 ^{*3}	2	7
	 Oily	165 ^{*2}	50 ^{*3}	2	7
	Tub Hygiene	260 ^{*2}	174 ^{*2}	2	30

***1 Total time is approximate (When the standard water supply rate is 15 L / min and the water temperature is 28 °C).**

***2** Remaining time of 99 minutes or less is displayed in minutes.
Remaining time over 99 minutes is displayed in hours.

***3** Excluding water heating time. Symbol  will be displayed during the water heating process.

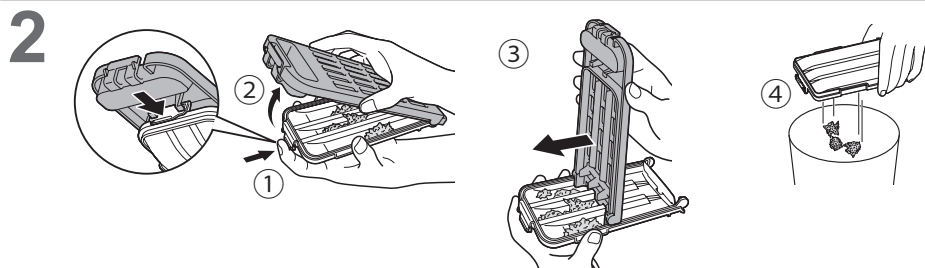
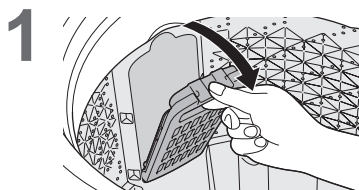
● “Refill”: to fill the tub with water and rinse while supplying water.



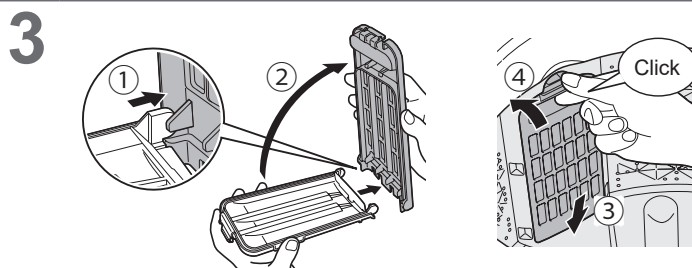
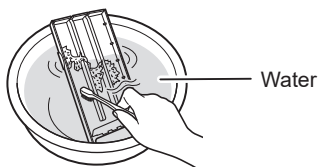
Maintenance

Lint filter

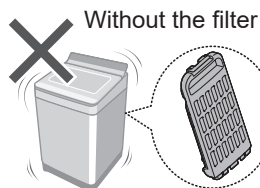
After each operation



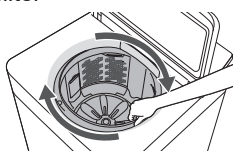
- If it is difficult to remove, soak in water and wash.



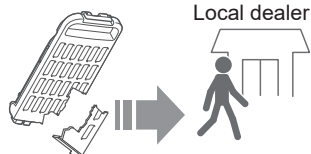
NOTE



If it is difficult to remove the filter



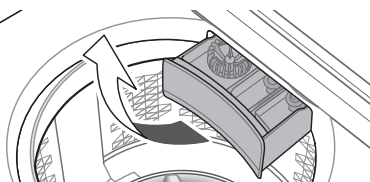
If the filter is broken



Detergent and softener drawer

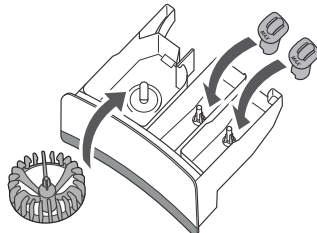
If stained with detergent or softener

1

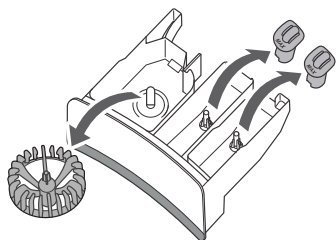


Remove

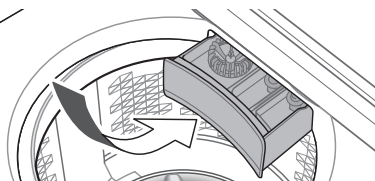
4



2

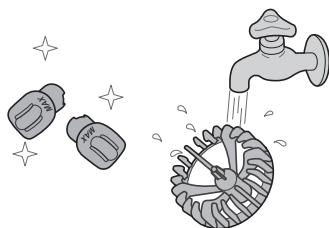


5



Attach

3

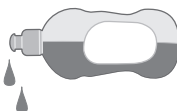


Main unit, lid

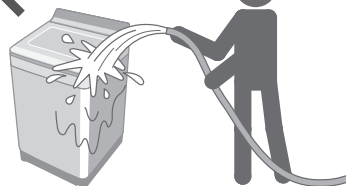


For heavy soil

Neutral kitchen
detergent



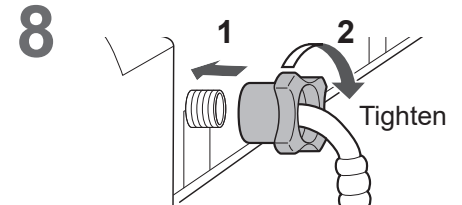
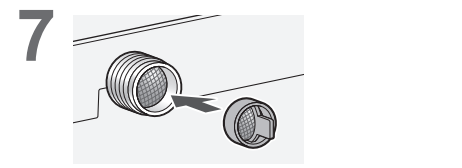
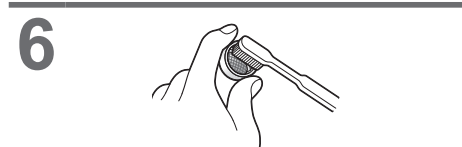
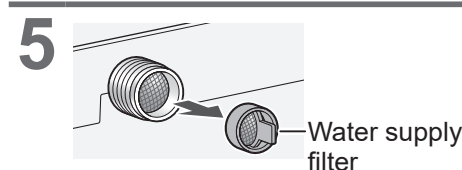
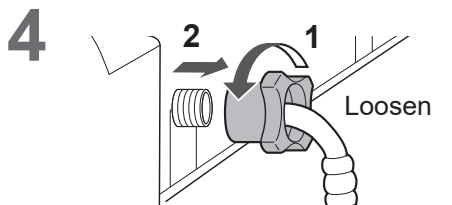
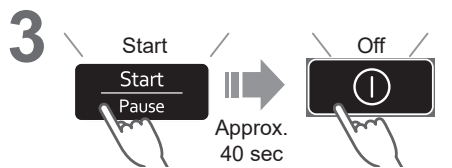
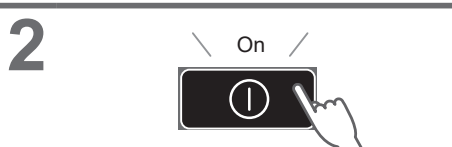
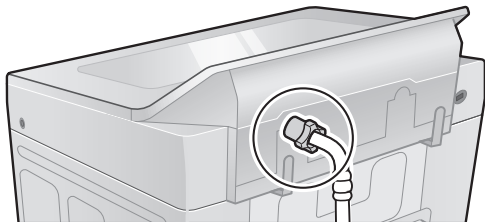
✗



Maintenance (continued)

Water supply filter

If water does not flow smoothly



Tub

Use <Air Dry> program once a week



Empty



(P. 17)

Use <Tub Hygiene> program

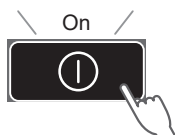
1



2



Empty



3

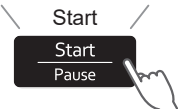


- The tub cleaning frequency may vary depending on the selected wash duration:

Wash to select

1 hour		Once a month
3 hours (Default)		Once every 6 months

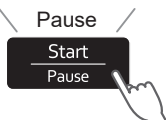
4



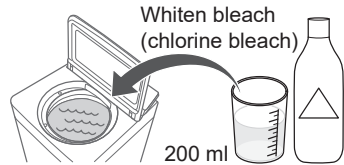
5



Full

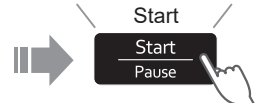
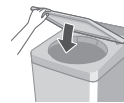


6



- Use 200 ml Whiten bleach (chlorine bleach) or Tub Cleaner products following detail instruction printed on the packaging.
- Recommend to use Panasonic Tub Cleaner for better cleaning result.

7



Approx. 4.5 hours

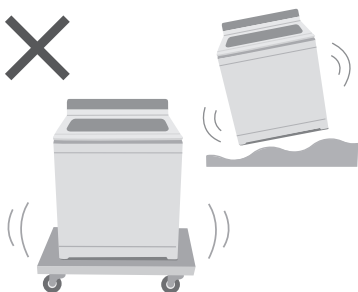
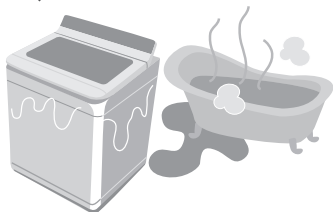


NOTE

- Tub condition and "Tub Hygiene" performance may vary by usage, so cleaning frequency may differ from recommendations. Clean regularly to reduce residue and mold.
- The indicator will flash about every 6 months as a reminder. It will turn off automatically after the next 3 wash cycles if the "Tub Hygiene" program is not performed.

Installation

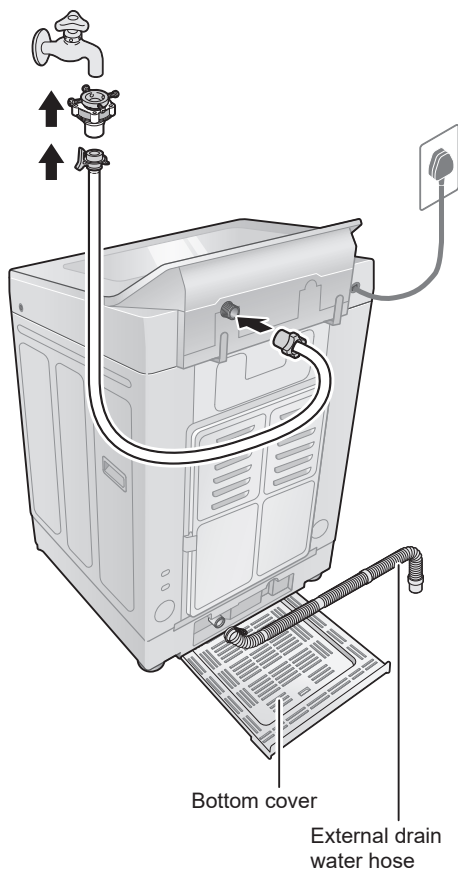
Check the location.



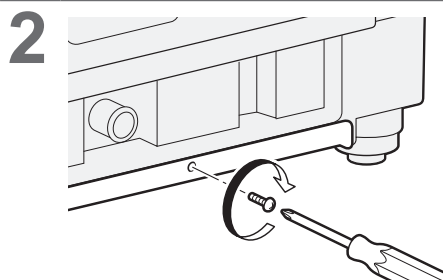
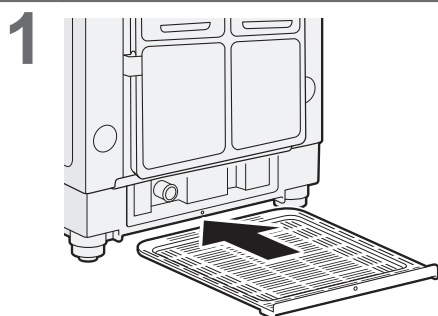
Make sure to ask a service person for installation.



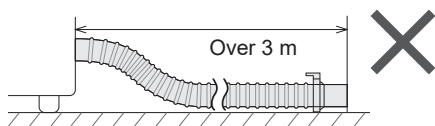
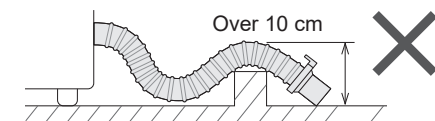
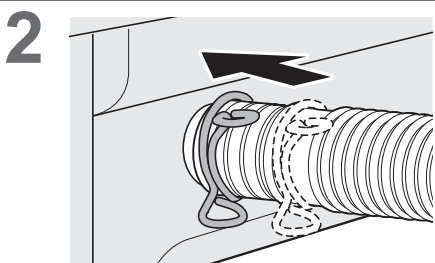
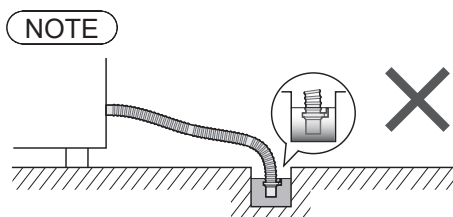
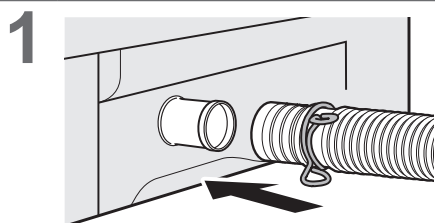
- Do not install by yourself.
- Follow this installation method.
If you do not, Panasonic will not be liable for any accident or damage.



Attach the bottom cover

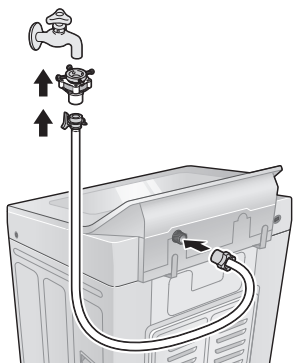


Attach the external drain water hose

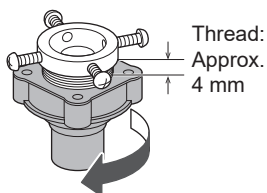


Installation (continued)

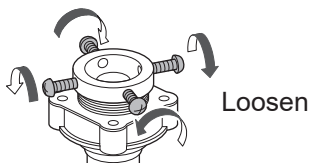
Connect the water supply hose



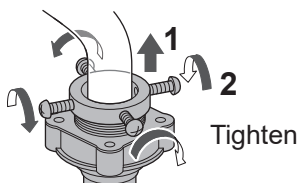
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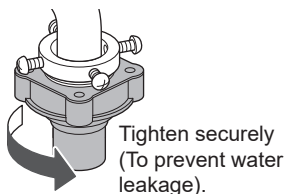
2



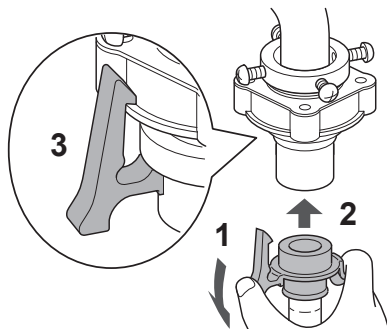
3



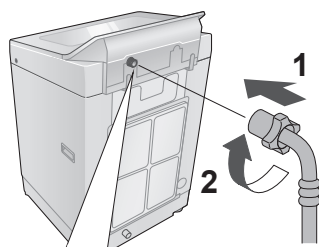
4



5



6



3

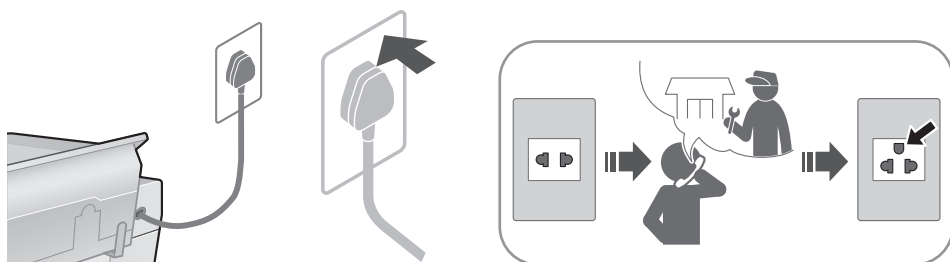
Check that the
elbow is not loose.



CAUTION

- Tighten the nut firmly.
- Do not twist, squash, modify or cut the hose.

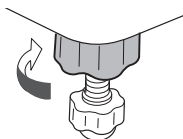
Connect the power plug and grounding



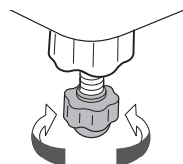
Check that the washing machine is level

■ If the washing machine wobbles

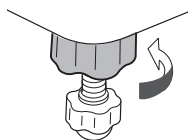
Loosen



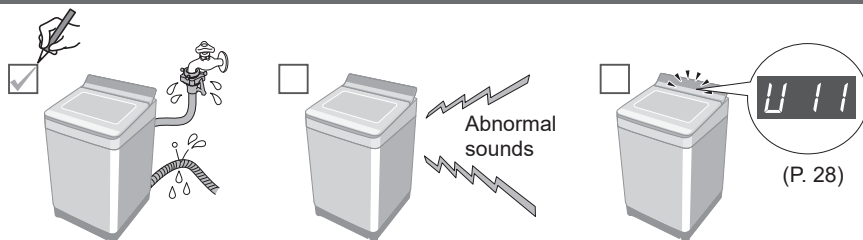
Adjust



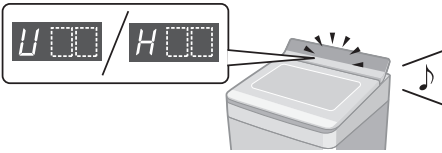
Tighten



Trial operation

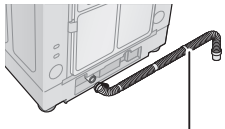
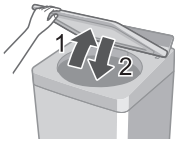
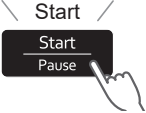
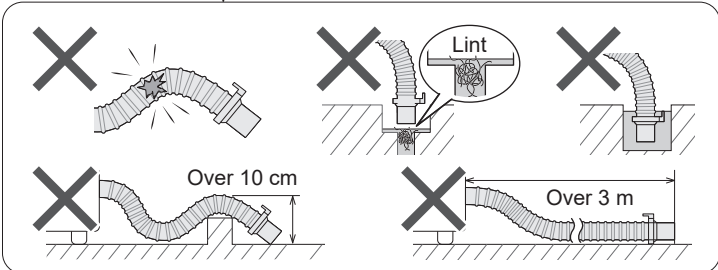
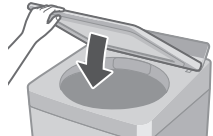
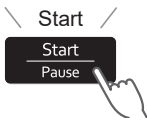
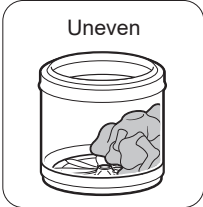
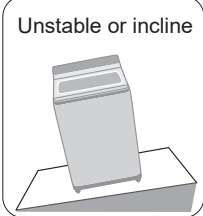
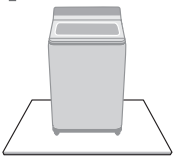
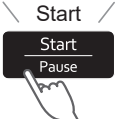


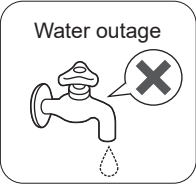
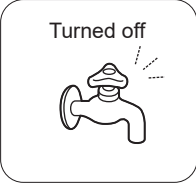
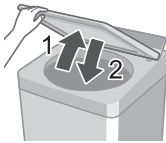
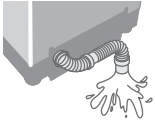
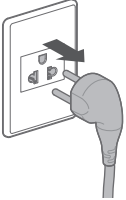
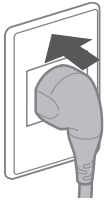
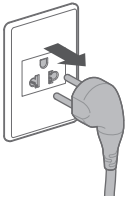
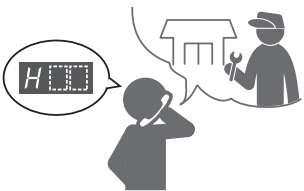
Error Display



■ Preparation

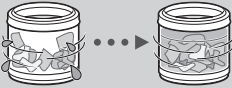
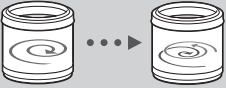
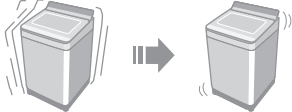
Cancel Child Lock (P. 18)
if it is set.

Error Display	Points to be checked		
 Water cannot drain.	1 Check 	2 	3 
			
 The lid is open.	1 	2 	
 Spin or "Air Dry" is not possible.	1 Uneven 	1 Even 	2 
	Unstable or incline 	1 Stable 	3 
		2 	3 

Error Display	Points to be checked
 Water cannot be supplied.	Water outage  Turned off    1  Water supply filter (P. 22) 2  3 
 Water has been forcibly drained.	With Child Lock set    10 sec  Forcible drainage 1   5 sec 
 Inspection is required.	1  2  3 

Troubleshooting

	Symptoms	Points to be checked
Time	Indication increases or does not decrease. 	Time indication is approximate. Remaining time is corrected during operation. 
	Longer than the indication. 	When clothes are uneven.  When the water drainage is not good.  When the water supply is not good. 
	Operation passes the preset time. 	 The operation time may be longer.
Main unit	No operation 	☐ Check ● Power failure  ● Timer preset  ☐ Try ● Close the lid.  ● Turn on.  ● Insert the power plug completely.  ● Press "Start".  ● Turn breaker on. 
	Cannot change process settings (after start). 	☐ Try ● During wash process 1 Pause  2  3 Start  ● After wash process 1 Off  2 On 

	Symptoms	Points to be checked
Wash	Water is supplied while washing. 	When water level drops.  When amount of laundry is large.   Water is added automatically.
	The water level too high 	When laundry is wet.  When there is water in the tub before operation.   The water level may be higher.
	too low 	When clothes are light (synthetic fibre, etc.).   The water level may be lower.
Rinse	Operation started with rinse, but water is not supplied. 	When there is no water in the tub.   Water is supplied after spin. When there is water in the tub.   Water is supplied after water discharge and spin.
Spin	Spin changes to rinse. Rinse starts instead of spin. 	If clothes are uneven, this appliances automatically corrects unevenness by rinse process. 
	Irregular rotation 	The tub rotation speed is adjusted to reduce vibration. 

Troubleshooting (continued)

	Symptoms	Points to be checked
Others	Power failure/Breaker off. 	Operation will resume from where it stopped when the power is recovered. 
	StainMaster+ has no effect. 	☐ Check ● Under 4.0 kg  ☐ Try ● Pretreatments (P. 7)  ● Select according to the stain type. (P. 11) 

Specifications

Model No.	NA-FJ120V1	NA-FJ105V1
Rated voltage	220 - 240 V	
Rated frequency	50 Hz	
Rated power consumption	1475 - 1750 W	
Standard water amount	75 L	73 L
Maximum mass of dry cloth	12.0 kg	10.5 kg
Product dimensions	595 mm (W) x 649 mm (D) x 1062 mm (H)	
Product weight	34 kg	
Pressure of tap water	0.01 - 1 MPa	