Panasonic

Operating & Installation Instructions

Fully Automatic Washing Machine
(Household Use)

Model No. NA-F100A9
NA-F90A9
NA-F85A9



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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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A0621-0(S)(P)
Printed in Vietnam
06-2021

Safety Precautions

⚠ WARNING

May cause serious injury or death.

Children must not use it alone.

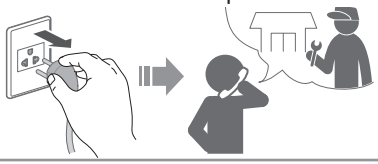


- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children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

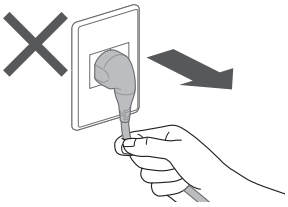


May cause fire or electric shock.

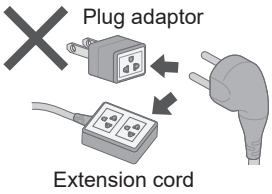
Do not touch it with wet hands.



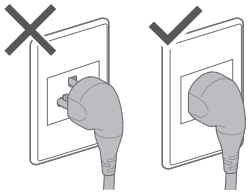
Do not hold or pull on the cord.



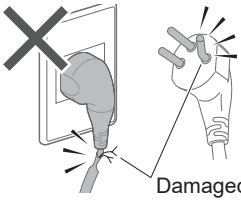
Do not use.



Fully insert it.

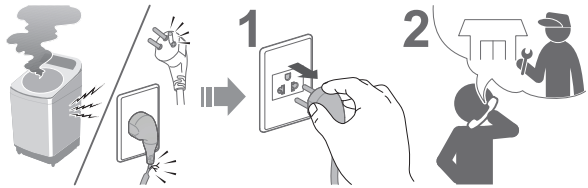


Do not use.

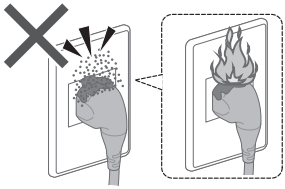


- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

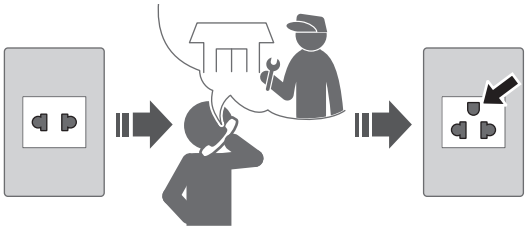
In case of failure or damaged power cord, stop use and ask the service centre.



Accumulated dust may cause fire.



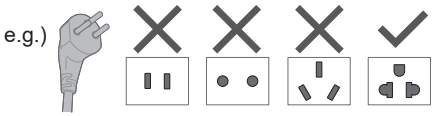
Securely insert the ground prong. Call your local dealer for a new socket.



Wipe the power plug periodically.

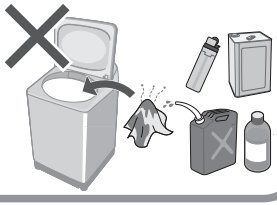


Use a socket appropriate for this appliance.



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

Keep away from flammable materials.



May cause failure.

Never disassemble, repair or modify it by yourself.

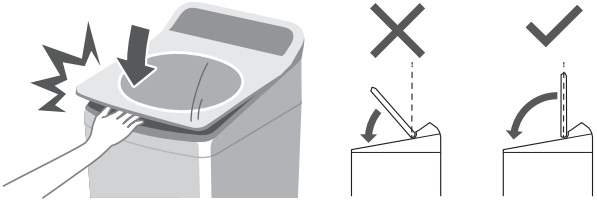


Safety Precautions (continued)

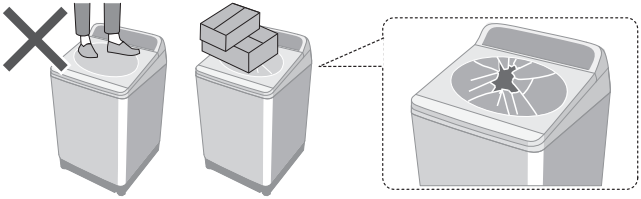
⚠ CAUTION

May cause injury.

Be careful not to get your fingers caught.

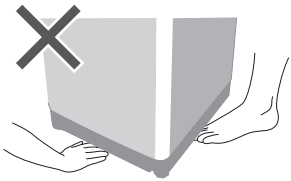


Do not climb or put objects on the appliance.



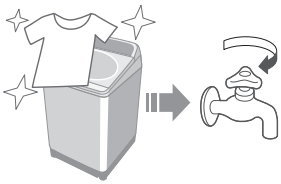
- If the lid is broken, immediately stop using.

Be careful of your hands and feet.

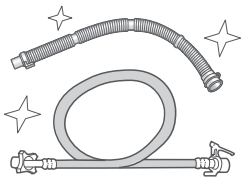


May cause water leakage.

Turn off the water faucet.



Use new hose-sets.

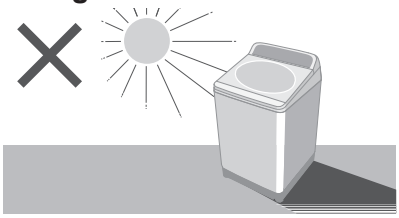


- New hose-sets supplied with the appliance are to be used and old hose-sets should not be reused.

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

May cause failure.

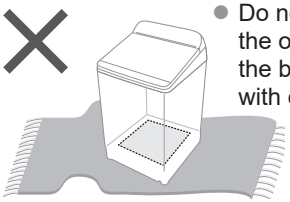
Keep away from heat and direct sunlight.



Do not wash waterproof items.

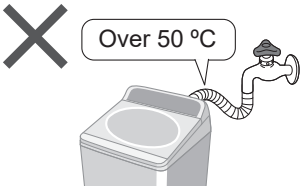


Do not obstruct.



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

Do not use hot water.



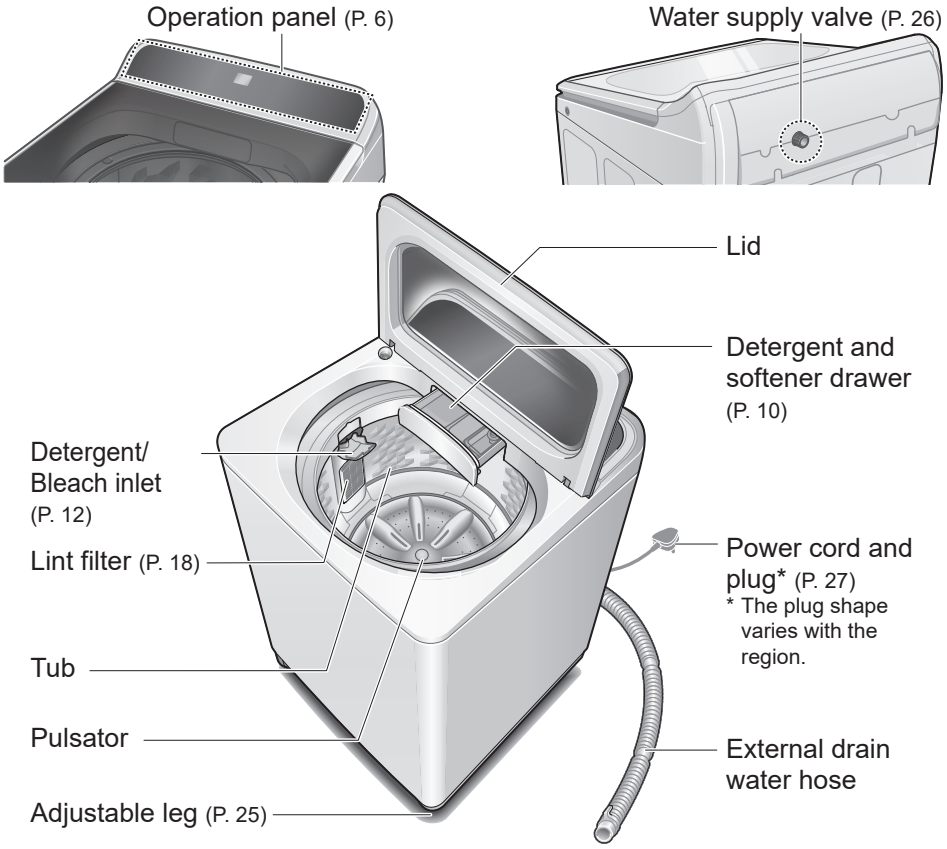
For Machine-washable items only.



- 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 launderettes.

Part Names / Accessories

Part names

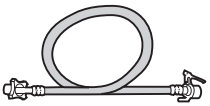


Accessories

☐Water supply hose* (1) (P. 26)

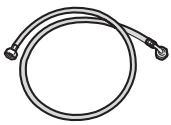
* The hose supplied depends on the region the unit is sold in.

(Joint type)



1.0 m

(Screw type)



1.0 m

☐Water tap adaptor* (1) (P. 26)

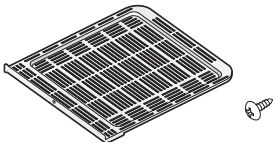


* For Joint type only

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



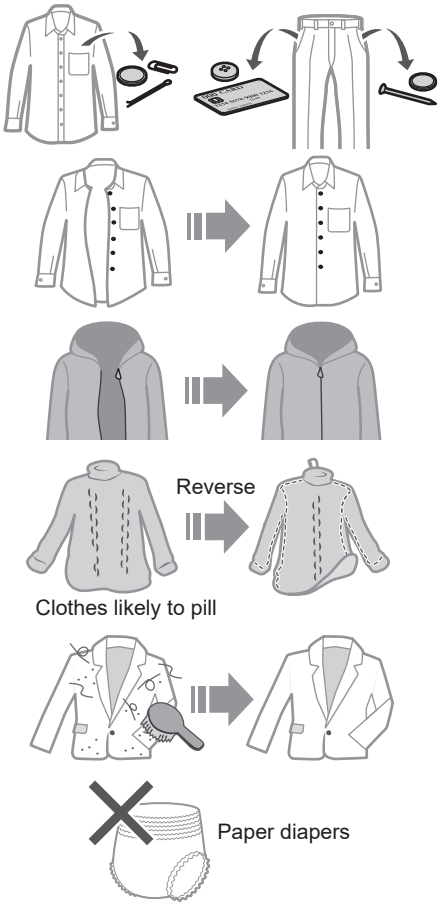
☐Bottom cover (1) / Screw (1) (P. 25)



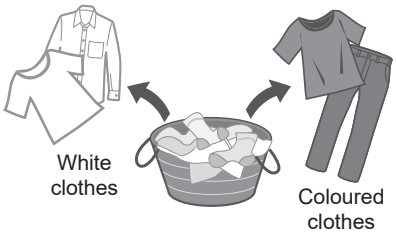
Before Washing

Laundry preparation and check

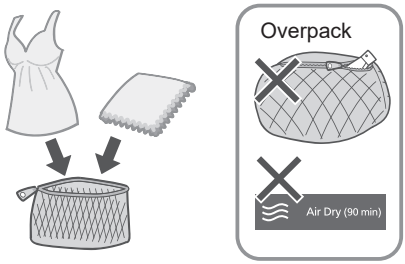
Pre-laundry check



Wash separately



Use laundry nets for delicates



For "Stain Master" (P. 16)

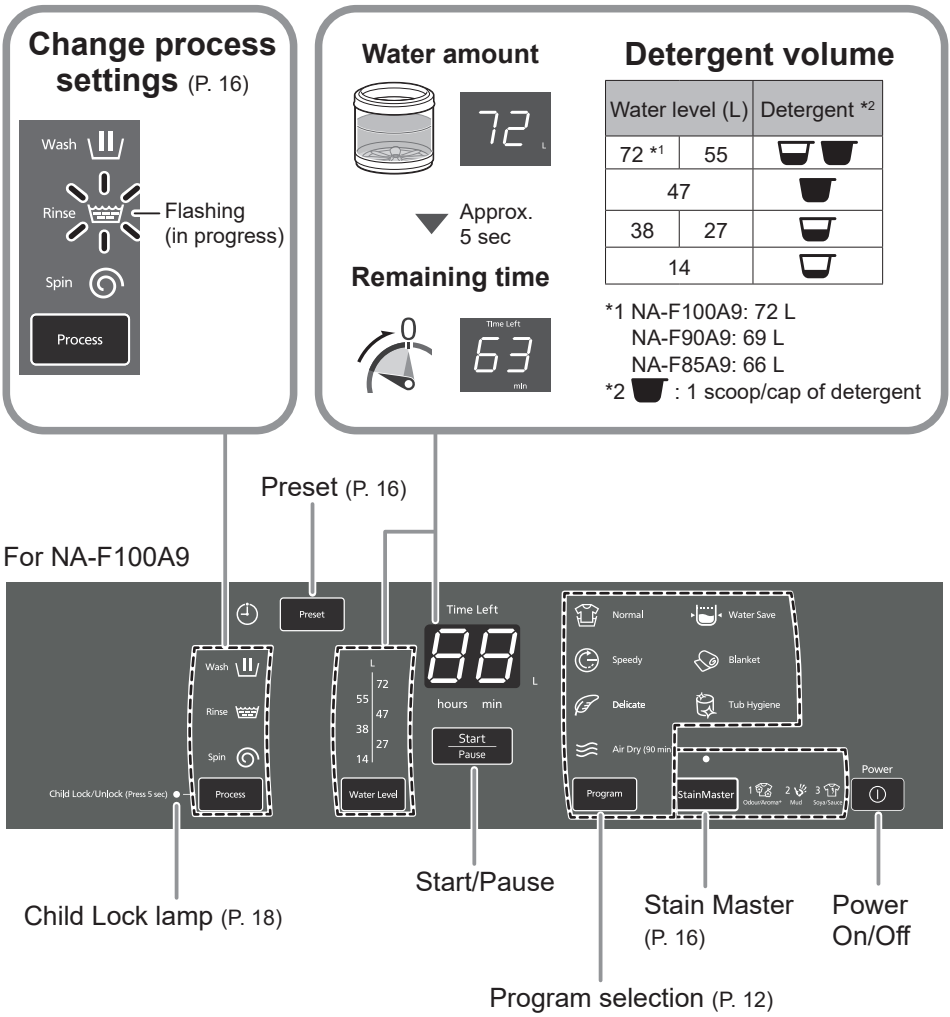
- Pretreatments for heavily stains



- Observe the clothes' care labels



Operation Panel

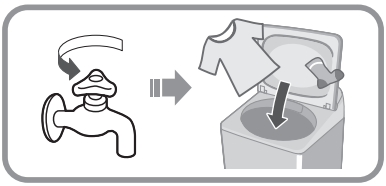


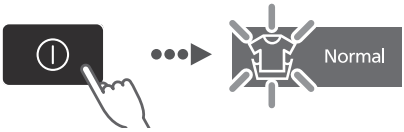
NOTE

- In case of a power failure.
  ➠ Operation will resume from where it stopped when the power recovers.
- If you do not press Start/Pause within 10 minutes after power-on.
  ➠ Auto power off.

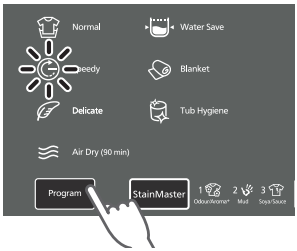
Washing

1





2



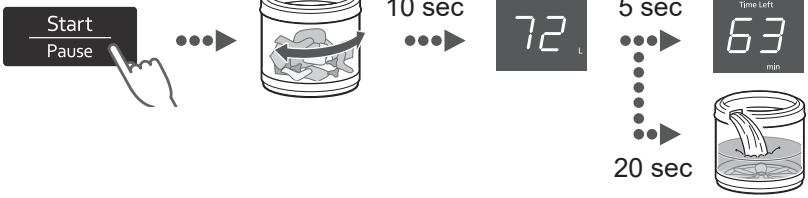
■ Preset timer



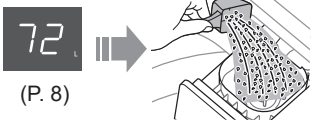
(P. 16)

3

Measures the amount of laundry.



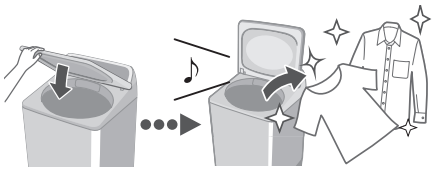
4



(P. 8)

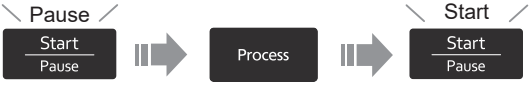
(P. 14)

5



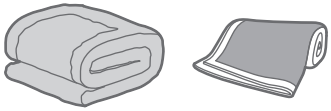
■After pressing “Start”

- To change each operation (while washing).



- To check or change the water level (while washing). ➡ Water Level
- You cannot change the program.

Variety of Programs

	Program	Purpose	Max. capacity * (kg)
Wash	**Normal** (P. 9)	● Everyday clothes 	10.0 9.0 8.5
	Speedy (P. 9)	● For light soil 	10.0 9.0 8.5
	Delicate (P. 17)	● Washing gently 	4.2
	Water Save (P. 9)	● Saving water 	10.0 9.0 8.5
	Blanket (P. 17)	● Comforters and blankets  With a machine-washable tag	4.2

* Top: NA-F100A9 / Middle: NA-F90A9 / Bottom: NA-F85A9

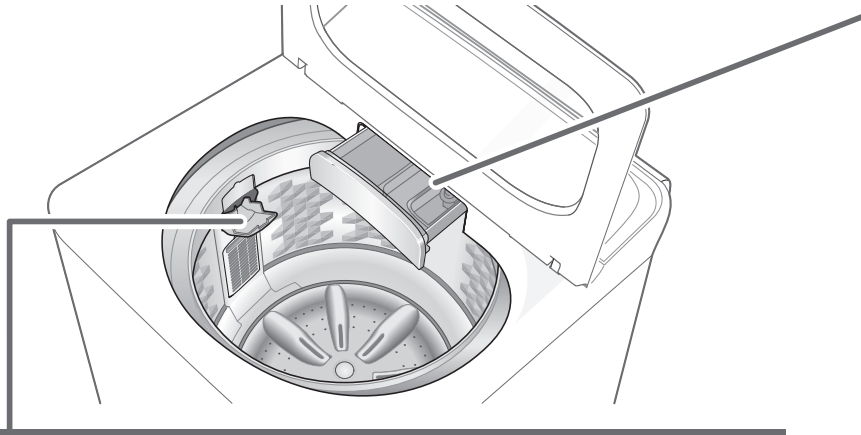
	Program	Purpose	Max. capacity * (kg)
Wash	StainMaster (P. 16)	● For the following stains	
	Light **Odour/ Aroma+**	● Use more softener to keep the scent longer	6.0
	Mud		4.0
	Soya/Sauce Heavy		
Dry	**Air Dry (90 min)** (P. 19, 23)	● Drying synthetic fibre clothes 	2.0
Maintenance		● Tub drying 	—
	Tub Hygiene (P. 25)	● Tub cleaning Removing black mould and smell 	—

NOTE

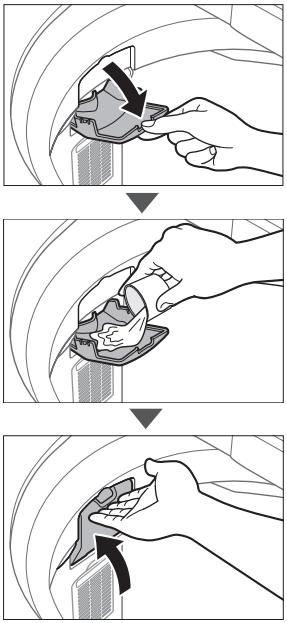
- “Normal” program and “Water Save” program are recommended for a normally soiled load at the rated capacity of this washing machine.
- “Water Save” program is recommended for Singapore.

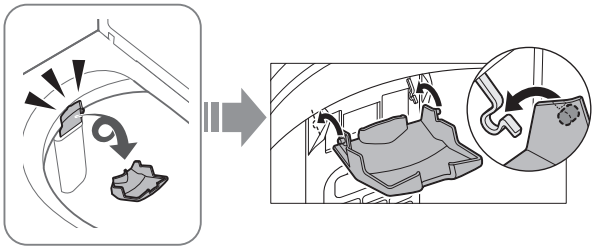
Detergent / Softener / Bleach

- Follow the instructions on each package.
- Close detergent and softener drawer completely before use.

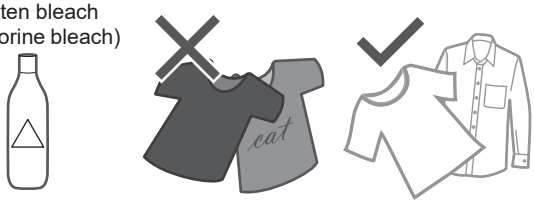


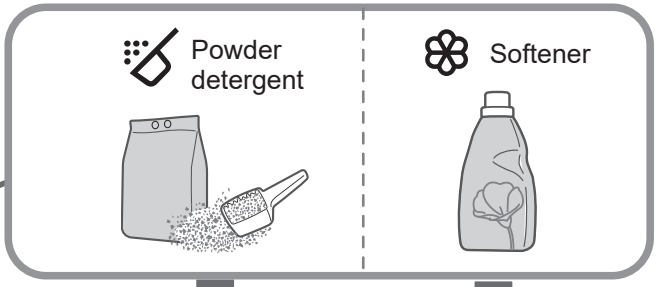
Bleach / Liquid detergent

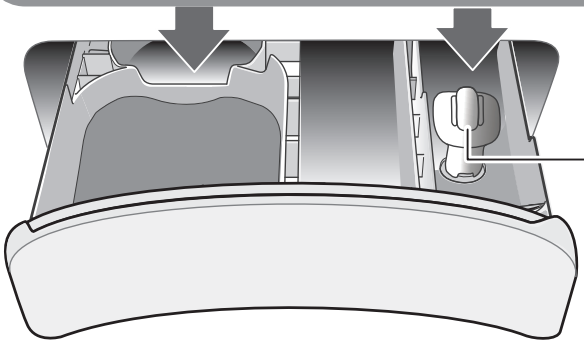


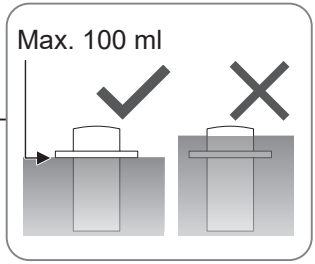


Whiten bleach
(chlorine bleach)



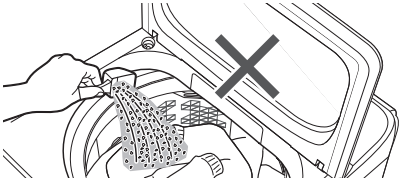


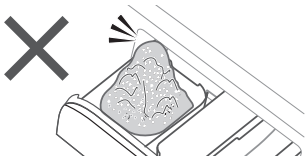




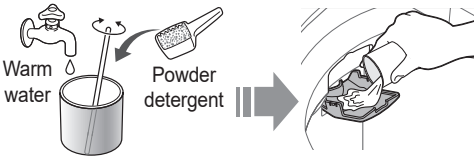
● For cleaning (P. 23)

Detergent





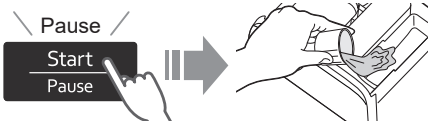
● If powder detergent does not dissolve well, mix and dilute powder in a cup of warm water and put into the bleach inlet.



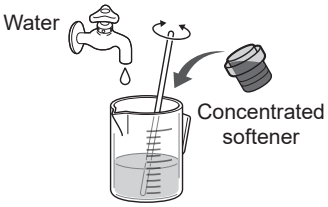
● The level of foaming depends on the load size, soil, detergent, and water hardness.

Softener

● During operation







● Softener cannot be used with the “Water Save” program.

Washing Options

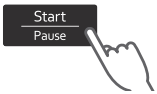
Preset

Set how many hours later to finish operation.

1



2



2 min

All other indications turn off.



Normal	2 - 24
Speedy	1 - 24
Delicate	-
Water Save	2 - 24
Blanket	-
StainMaster	(P. 16)
Air Dry (90 min)	-
Tub Hygiene	-

■ To confirm



■ To cancel or change



Wash / Rinse / Spin

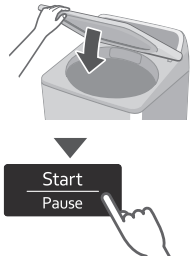
1



2



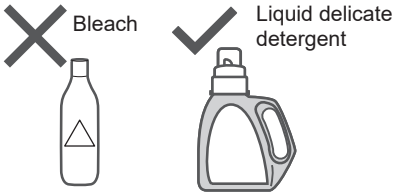
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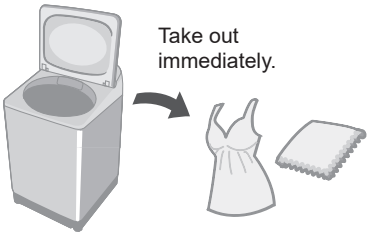
Delicate

55 L	4.2 kg
47 L	3.0 kg

NOTE



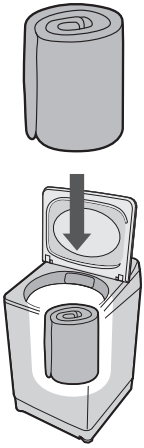
■ After operation ends



Blanket

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

* NA-F100A9: 72 L / NA-F90A9: 69 L / NA-F85A9 : 66 L



NOTE



NOTE

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

Washing Options (continued)

Stain Master

Preparation: (P. 7)

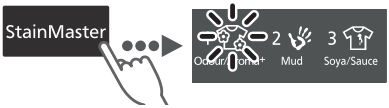
For NA-F100A9



1



2



■ Timer preset (hours) (P. 14)

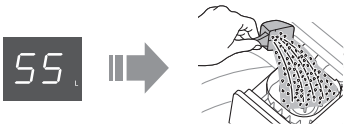
Odour/Aroma+: -

Others: 2 - 24

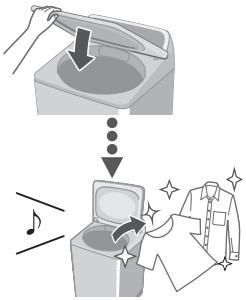
3



4

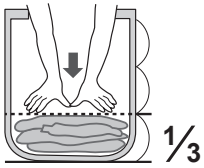


5



NOTE

- Max. capacity (P. 11)



- Max. water amount:

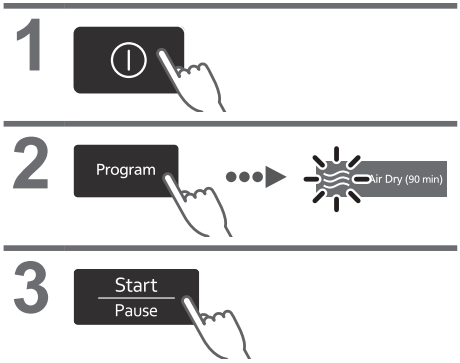
Odour/Aroma+:	72 L (NA-F100A9) 69 L (NA-F90A9) 66 L (NA-F85A9)
Others:	55 L

- You cannot change the wash process setting of this program.

Air Dry (90 min)

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

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

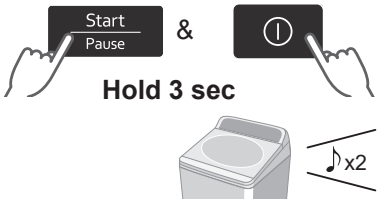


NOTE

- 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.

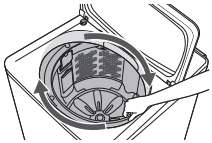
Convenient Functions

Cancelling end buzzer

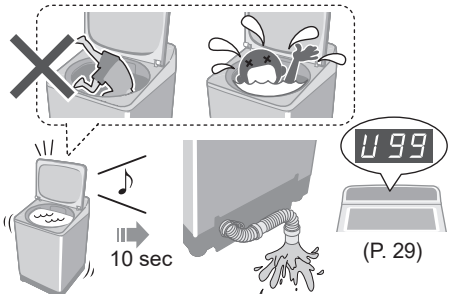


■ **To reset:**
same procedure ♪x4

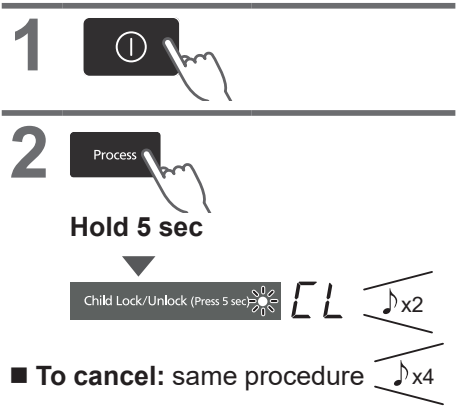
Turning the tub by hand



Setting Child Lock



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



■ **To cancel:** same procedure ♪x4

Contents of Programs

Program		Total time*1 (min)	Wash (min)	Rinse (times)	Spin (min)
	Normal	60	12	2	7
	Speedy	35	3	2	3
	Delicate	45	9	2	1
	Water Save	90	12	4	5
	Blanket	60	12	2	3
Stain Master	**Odour/Aroma+**	75	12	2	5
	Mud	75	25	2	5
	Soya/Sauce	105 *2	55 (Soak 20)	2	5
	Tub Hygiene	140 *2	63 (Soak 61)	2	30

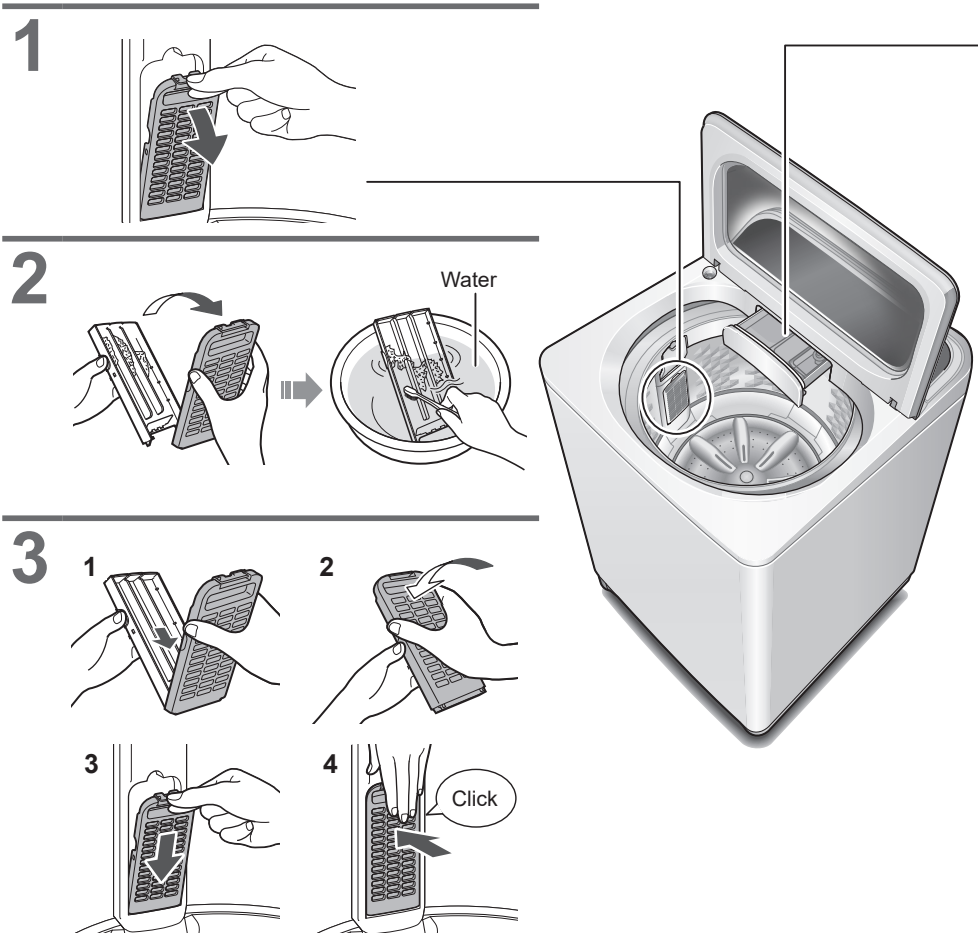
*1 **Total time is approximate (When the standard water supply rate is 15 L / min and the water temperature is 28 ºC).**

*2 Remaining time of 99 minutes or less will be displayed. [- -] → [99]

Maintenance

Lint filter

After each operation

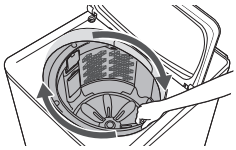


NOTE

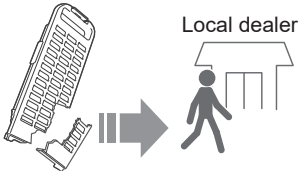
Without the filter



If it is difficult to remove the filter (P. 18)



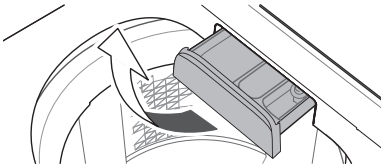
If the filter is broken



Detergent and softener drawer

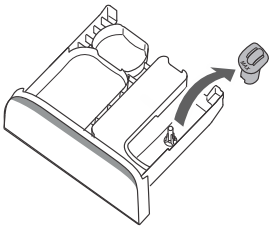
If stained with detergent or softener

1

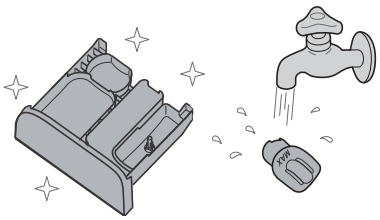


Remove

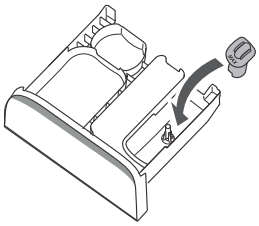
2



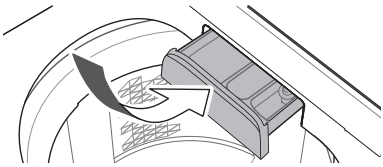
3



4



5



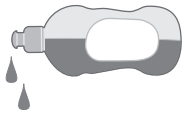
Attach

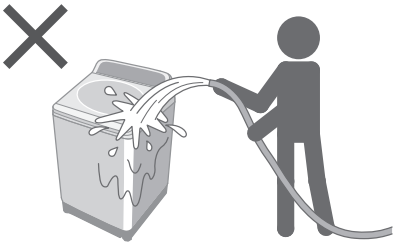
Main unit, lid



For heavy soil

Neutral kitchen detergent

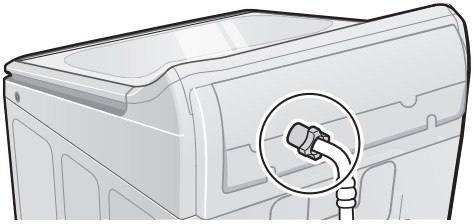




Maintenance (continued)

Water supply filter

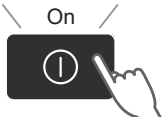
If water does not flow smoothly



1



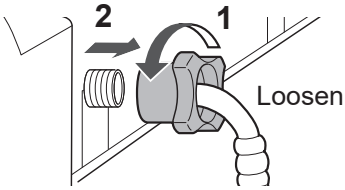
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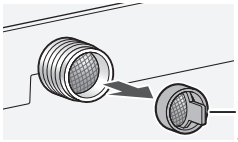
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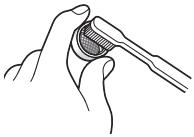
4



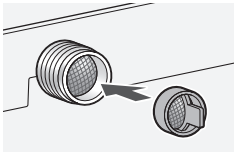
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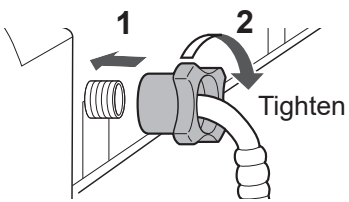
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7

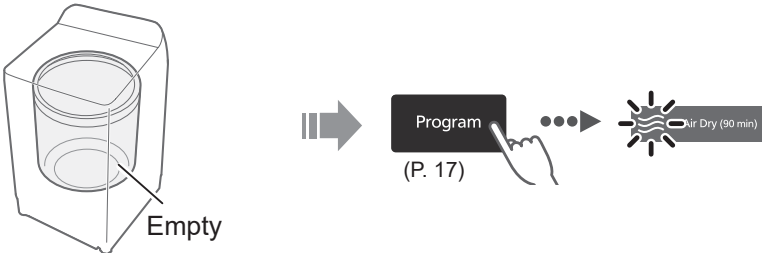


8



Tub

Once a week <Air Dry (90 min)>

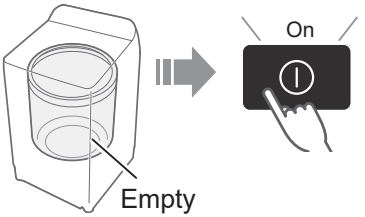


Once a month <Tub Hygiene>

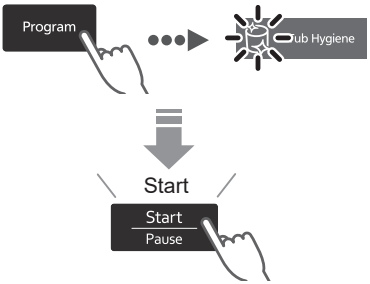
1



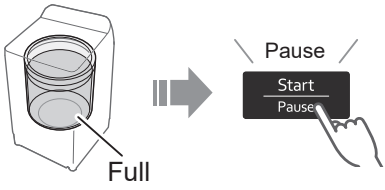
2



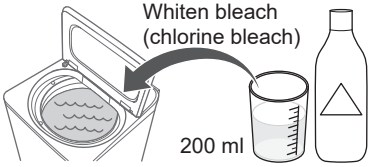
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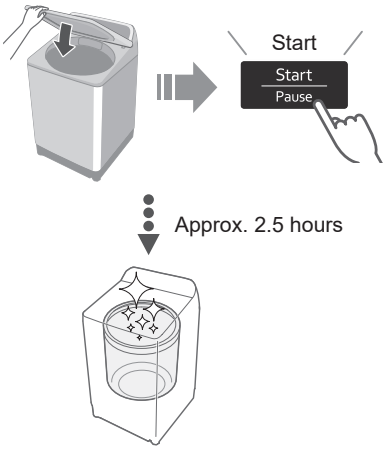
4



5

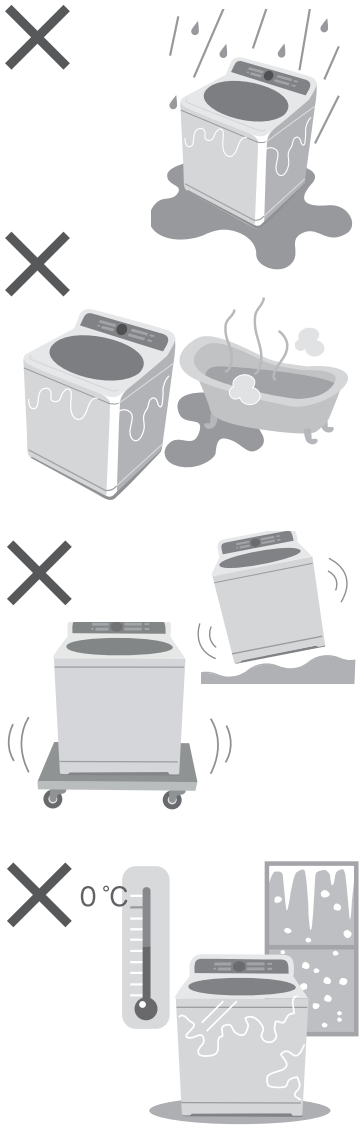


6



Installation

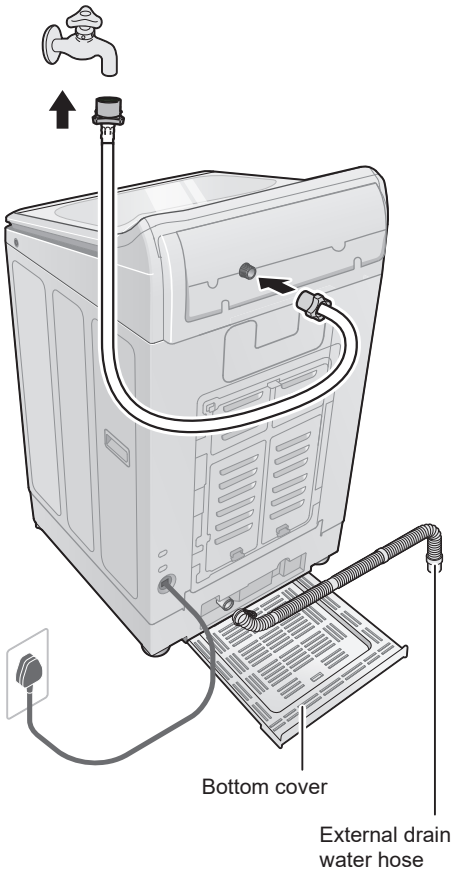
Check the location.



Make sure to ask a service person for installation.

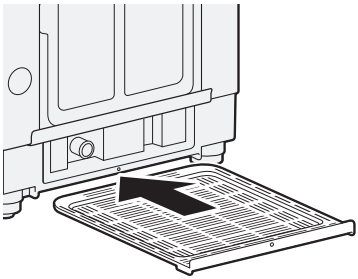


- Do not install by yourself.
- Follow this installation method.
  If you do not, Panasonic will not be liable for any accident or damage.

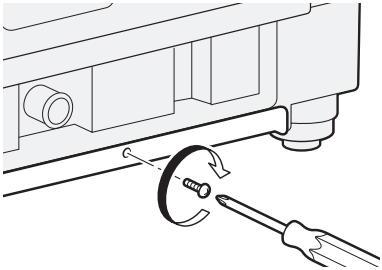


Attach the bottom cover

1

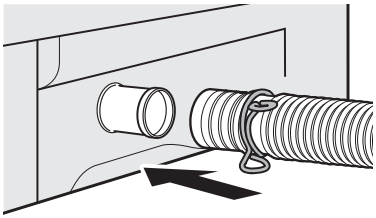


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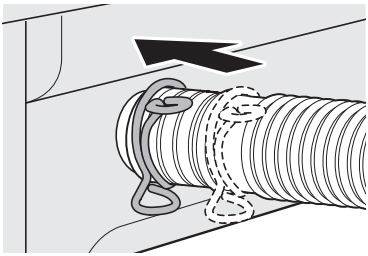


Attach the external drain water hose

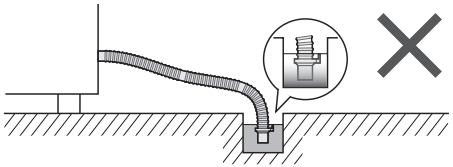
1

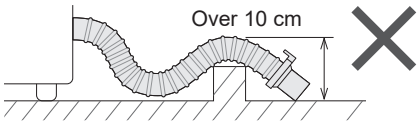


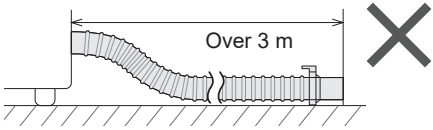
2



NOTE



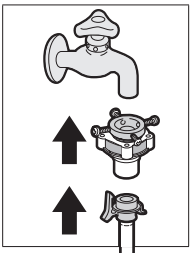




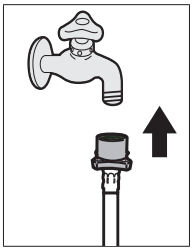
Installation (continued)

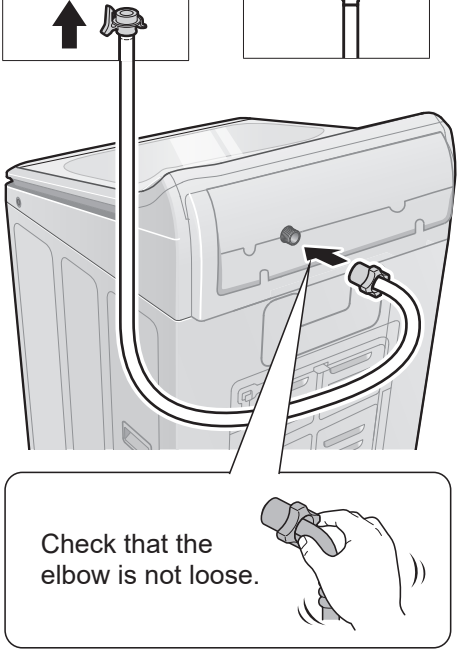
Connect the water supply hose

Joint type

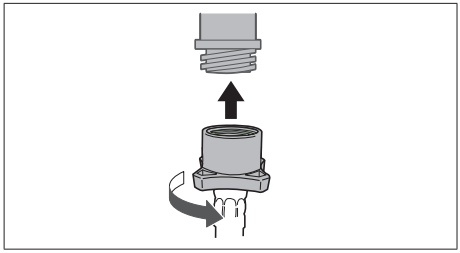


Screw type

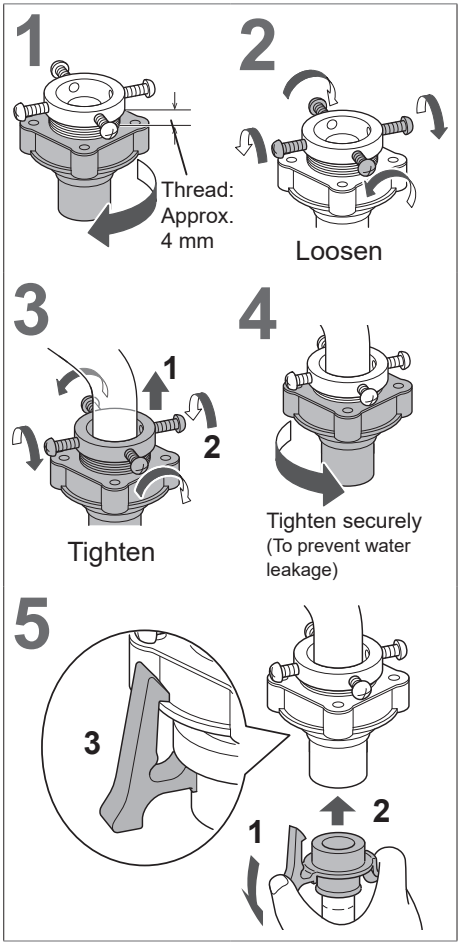




■ **Screw type**



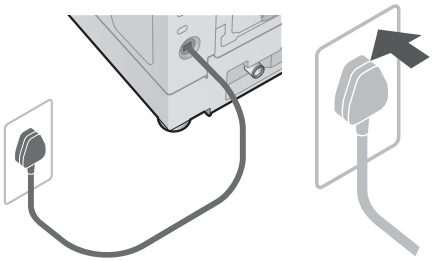
■ **Joint type**

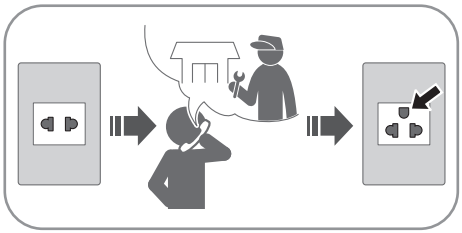


⚠ CAUTION

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

Connect the power plug and grounding

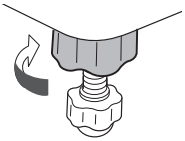




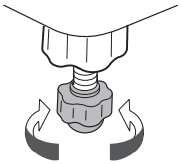
Check that the washing machine is level

■ **If the washing machine wobbles**

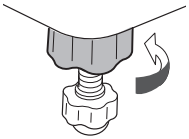
1 Loosen



2 Adjust

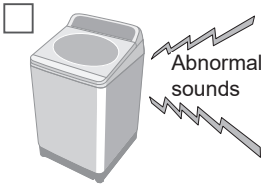


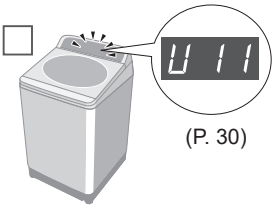
3 Tighten



Trial operation

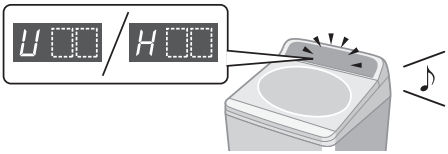




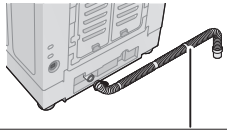
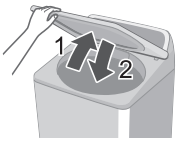
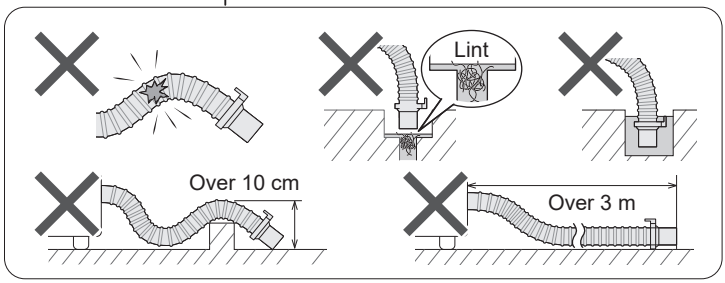
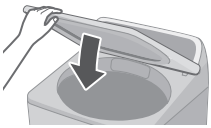
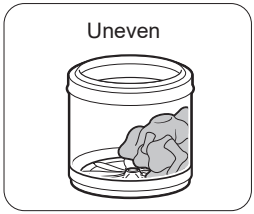
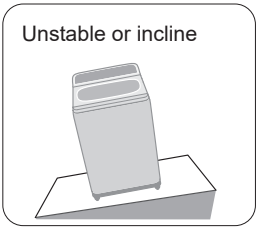
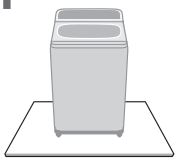


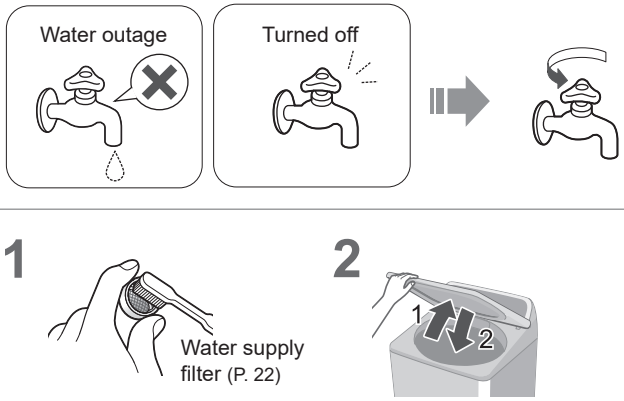
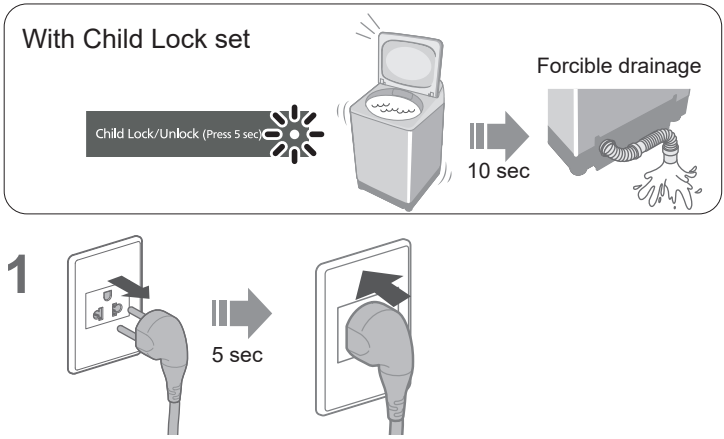
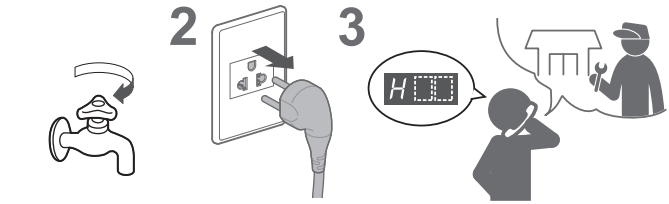
(P. 30)

Error Display

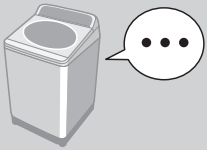
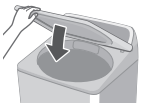
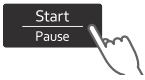
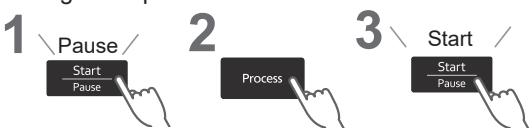


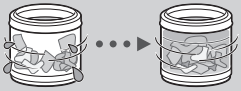
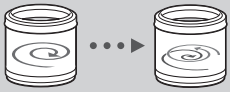
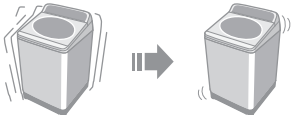
■ **Preparation**
Cancel Child Lock (P. 18)
if it is set.

Error Display	Points to be checked
U 11 **Water cannot drain.**	1 Check  2  
U 12 **The lid is open.**	1 
U 13 **Spin or "Air Dry (90 min)" is not possible.**	 1 Even  2   1 Stable  2 

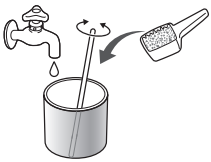
Error Display	Points to be checked
U 14 **Water cannot be supplied.**	
U 99 **Water has been forcibly drained.**	
H □□ **Inspection is required.**	

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.  ➡ The operation time may be longer.
	Operation passes the preset time. 	
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  ● After wash process 

	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.**	If clothes are uneven, this appliances automatically corrects unevenness by rinse process. 
	Rinse starts instead of spin. 	
	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 ☐Try ● Max. capacity (P. 11)  ● Pretreatments (P. 7)  ● Select according to the stain type. (P. 11) 
	Powder detergent remains undissolved. 	☐Try Mix and dilute powder in a cup of warm water and put into the bleach inlet. (P. 12) 

Specifications

Model No.	NA-F100A9		NA-F90A9	NA-F85A9
Rated voltage	220 - 240 V	230 V	220 - 240 V	230 V
Rated frequency	50 Hz	60 Hz	50 Hz	60 Hz
Rated power consumption	500 W		490 W	485 W
Standard water amount	72 L		69 L	66 L
Maximum mass of dry cloth	10.0 kg		9.0 kg	8.5 kg
Product dimensions	595 mm (W) x 663 mm (D) x 1044 mm (H)			
Product weight	35 kg			
Pressure of tap water	0.01 - 1 MPa			

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