

Panasonic®

Operating & Installation Instructions

Fully Automatic Washing Machine
(Household Use)

Model No. **NA-FD10X1**



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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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A0221-0(NZ)

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Safety Precautions

WARNING

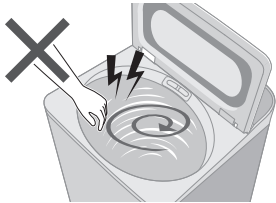
May cause serious injury or death.

Children must not use it alone.

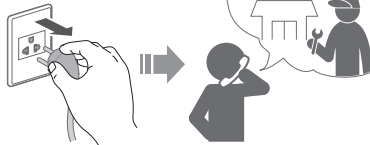


- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children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

Do not touch the tub until it stops.

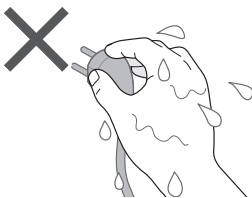


- If the tub does not stop within 15 sec:

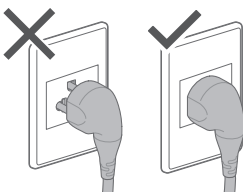


May cause fire or electric shock.

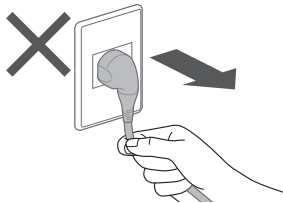
Do not touch it with wet hands.



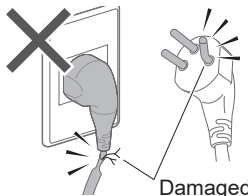
Fully insert it.



Do not hold or pull on the cord.

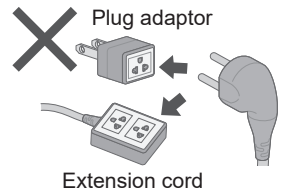


Do not use.

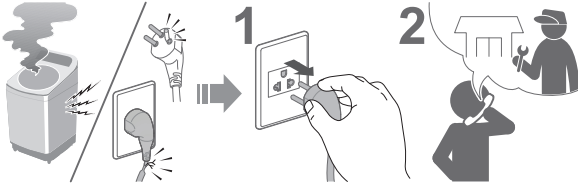


- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

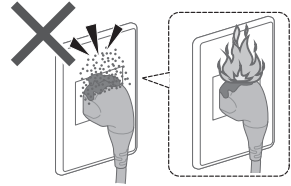
Do not use.



In case of failure or damaged power cord, stop use and ask the electrical technician.

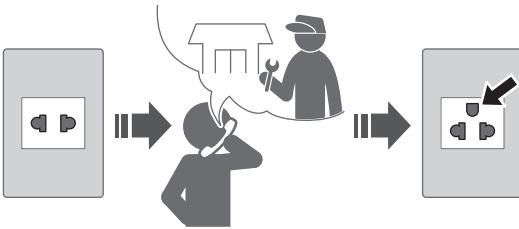


Accumulated dust may cause fire.

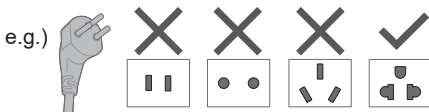


**Securely insert the ground prong.
Ask the electrical technician for a new socket.**

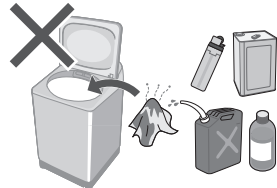
Wipe the power plug periodically.



Use a socket appropriate for this appliance.



Keep away from flammable materials.



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

External water heater safety

- Under certain conditions, hydrogen gas may be produced in your hot water heater that has not been used for two weeks or more. Hydrogen gas can be explosive under these circumstances. To prevent the possibility of damage or injury, you should turn on all hot water faucets in your home, and let the water flow out for several minutes before connecting to your washer. This will allow any built-up hydrogen gas to escape. Since hydrogen gas is flammable, do not smoke or use an open flame or start appliance during this process.

Safety Precautions (continued)

WARNING

May cause failure.

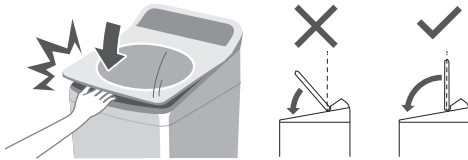
Do not disassemble, repair or modify it by yourself.



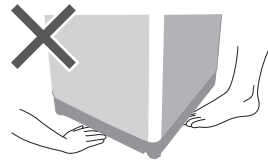
CAUTION

May cause injury.

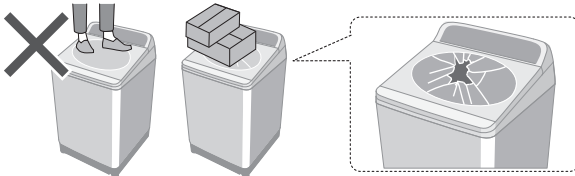
Be careful not to get your fingers caught.



Be careful of your hands and feet.



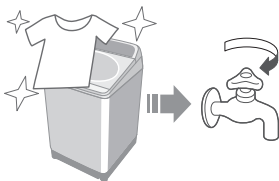
Do not climb or put objects on the appliance.



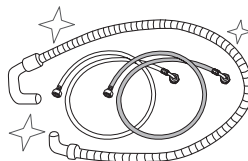
- If the lid is broken, immediately stop using.

May cause water leakage.

Turn off the water faucet.



Use new hose-sets.



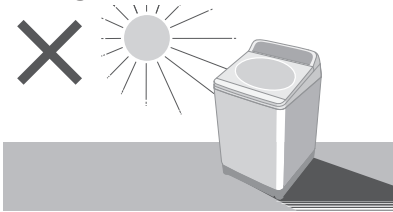
- New hose-sets supplied with the appliance are to be used and old hose-sets should not be reused.



CAUTION

May cause failure.

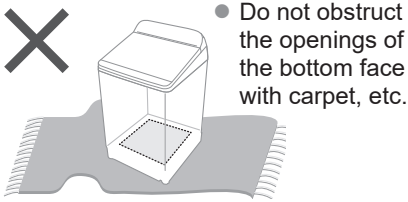
Keep away from heat and direct sunlight.



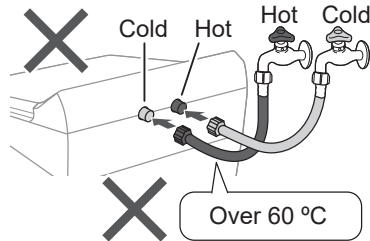
Do not wash waterproof items.



Do not obstruct.



Do not incorrectly attach HOT/ COLD water supply hoses.



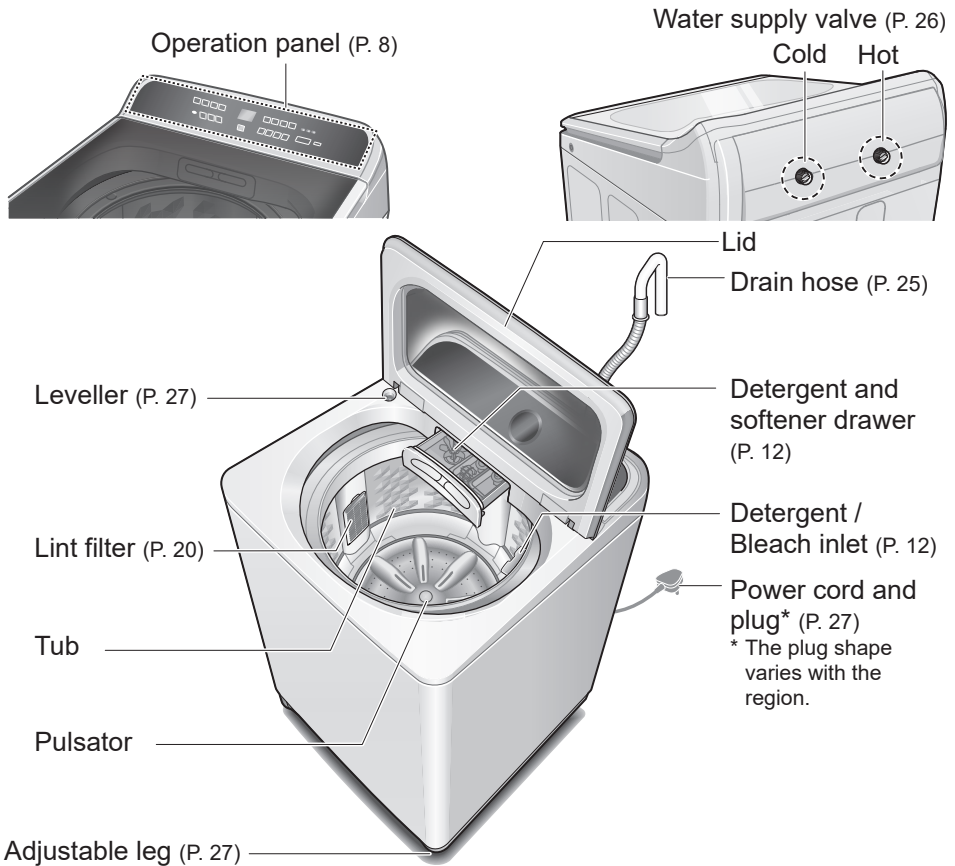
For Machine-washable items only.



- 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.

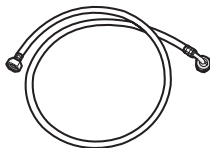
■ For maximum mass of dry cloth and pressure of tap water, see page 32.

Part Names / Accessories



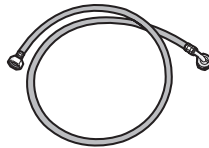
Accessories

- Water supply hose for HOT (White) (1) (P. 26)



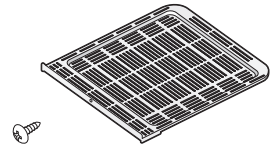
• Length: 1.25 m

- Water supply hose for COLD (Gray) (1) (P. 26)

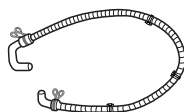


• Length: 1.25 m

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



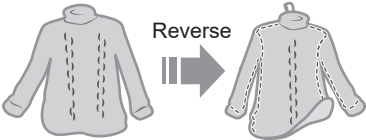
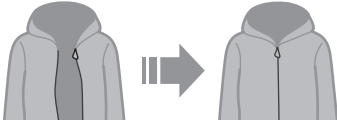
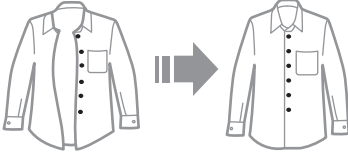
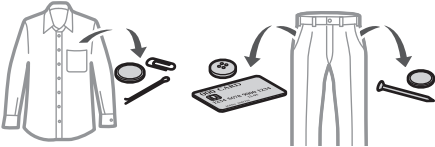
- Drain hose (1)
- Hose band (2) (P. 25)



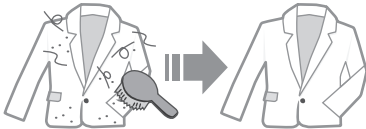
Before Washing

Laundry preparation and check

Pre-laundry check

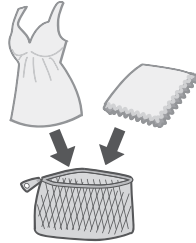


Clothes likely to pill



Paper diapers

Use laundry nets for delicates



For "Stain Master" (P. 16)

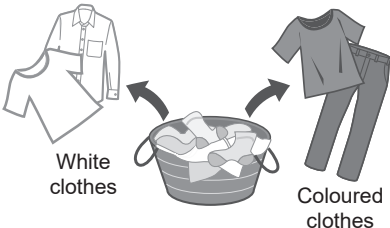
- Pretreatments for heavily stains



- Observe the clothes' care labels



Wash separately



Operation Panel

Change process settings (P. 14)



Flashing
(in progress)

Water amount



▼ Approx.
5 sec

Remaining time



Detergent volume

Water level (L)			Detergent *
99	88	81	
74	66	59	
52	46	38	
33			

* : 1 scoop/cap of detergent



Auto Tub Clean
(P. 18)

Air Dry
(P. 17)

Start/Pause

Stain Master
(P. 16)

Power On/Off

Child Lock
lamp (P. 18)

Preset (P. 14)

Program selection (P. 10)

Temp Setting

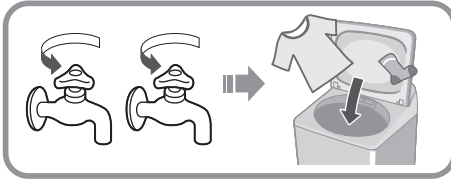
- The estimated temperature in the tub
(When hot water supply is 60 °C and cold water supply is 20 °C.)
Hot: approx. 40 °C
Warm: approx. 30 °C
Cold: approx. 20 °C
- Not available: Air Dry, Cotton Eco, Delicate, Tub Hygiene

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.

Washing

1



Power

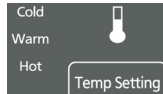


Daily Wash

2



Temp Setting



(P. 8)

Preset timer



(P. 14)

3

Measures the amount of laundry.

Start
Pause



10 sec



5 sec



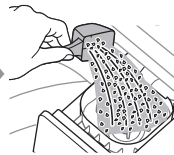
20 sec



4

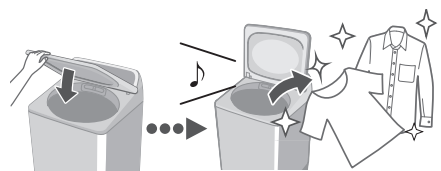


(P. 8)



(P. 12)

5



After pressing “Start”

- To change each operation (while washing).












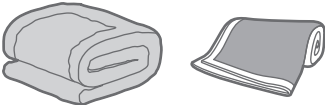

















- To check or change the water level (while washing).



- You cannot change the program.

Variety of Programs

	Program	Purpose	Max. capacity (kg)
Wash	 Daily Wash (P. 9)	<ul style="list-style-type: none"> ● Everyday clothes 	10.0
	 Quick Wash (P. 9)	<ul style="list-style-type: none"> ● For light soil 	10.0
	 Delicate (P. 15)	<ul style="list-style-type: none"> ● Washing gently 	5.0
	 Baby Care (P. 9)	<ul style="list-style-type: none"> ● Clothes for babies & sensitive skin Rinsing thoroughly 	10.0
	 Cotton Eco (P. 17)	<ul style="list-style-type: none"> ● Saving water and energy 	10.0
	 Bedding (P. 15)	<ul style="list-style-type: none"> ● Comforters and blankets  <p>With a machine-washable tag</p>	4.2

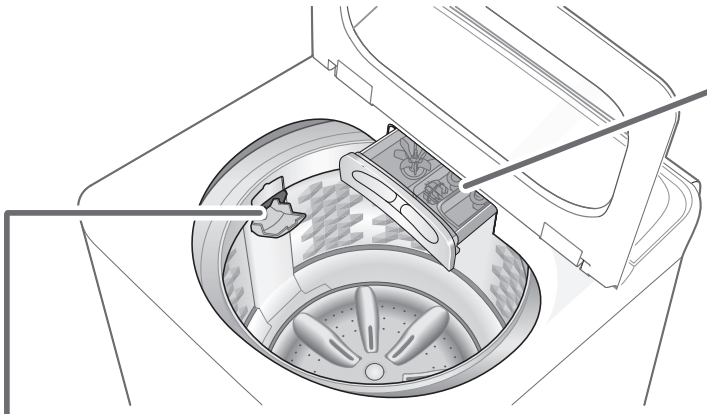
	Program	Purpose	Max. capacity (kg)
Wash	 Soak (P. 9)	<ul style="list-style-type: none"> ● For heavy soil Presoaking to wash 	10.0
	StainMaster (P. 16)	<ul style="list-style-type: none"> ● For the following stains 	5.0
	Light  Sweat 		
	 Mud 		
 Sauce Heavy			
Dry	 Air Dry (90 min) (P. 17, 23)	<ul style="list-style-type: none"> ● Drying synthetic fibre clothes 	3.0
Maintenance		<ul style="list-style-type: none"> ● Tub drying 	—
	 Tub Hygiene (P. 23)	<ul style="list-style-type: none"> ● Tub cleaning Removing black mould and smell 	—

NOTE

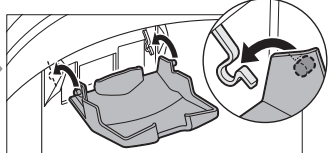
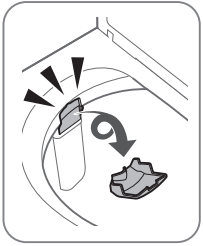
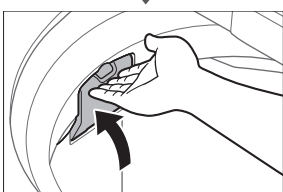
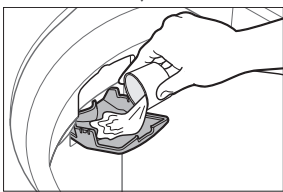
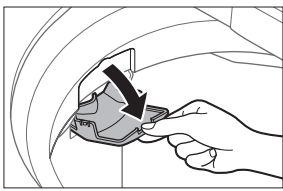
- “Cotton Eco” is recommended for normally soiled cotton load as the most efficient energy and water saving program based on AS/NZS 2040.1, AS/NZS 2040.2 and AS/NZS 6400.

Detergent / Softener / Bleach

- Follow the instructions on each package.
- For cleaning (P. 21)
- Close detergent and softener drawer completely before use.

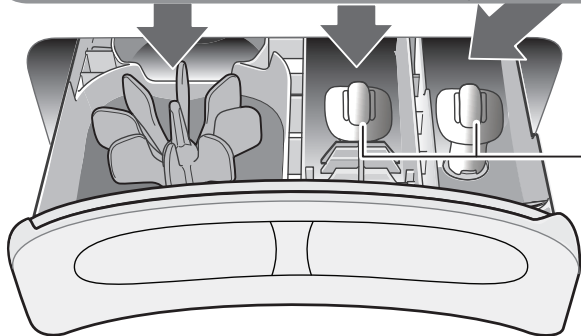
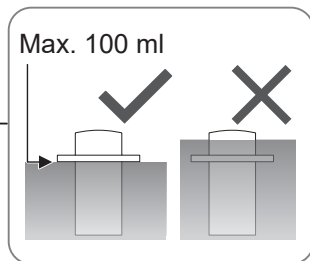
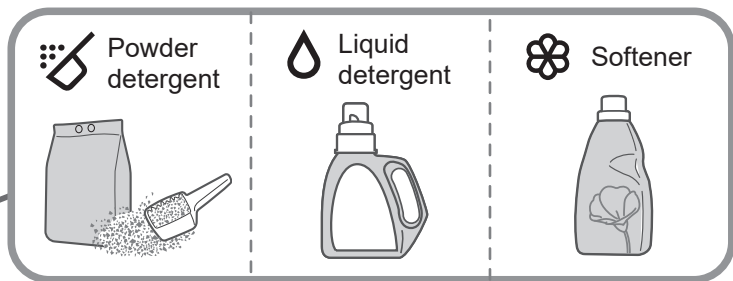


Bleach

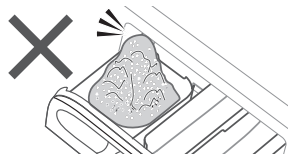
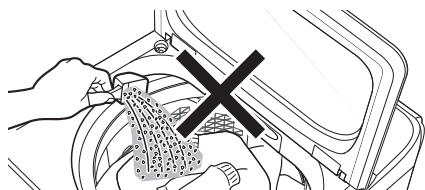


Whiten bleach
(chlorine bleach)

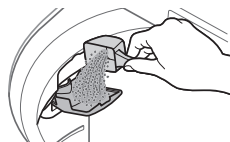




Detergent



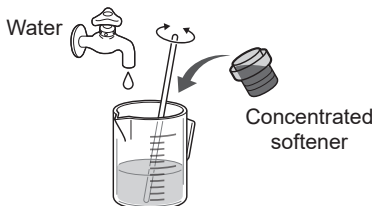
- If powder detergent does not dissolve well, mix and dilute powder in a cup of warm water and put into the bleach inlet.



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

Softener

- During operation

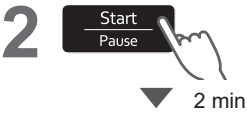


- Softener cannot be used with the "Cotton Eco" program.

Washing Options

Preset

Set how many hours later to finish operation.



All other indications turn off.



2 min

Daily Wash	2 - 24
Quick Wash	1 - 24
Delicate	-
Baby Care	2 - 24
Cotton Eco	3 - 24
Bedding	-
Soak	3 - 24
Stain Master	2 - 24
Air Dry	-
Tub Hygiene	-

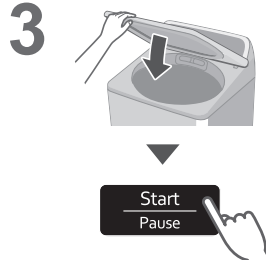
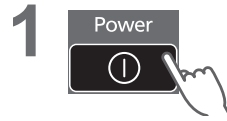
■ To confirm



■ To cancel or change



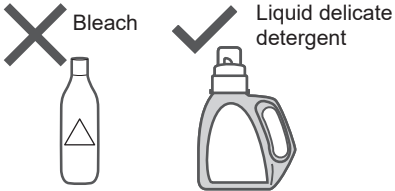
Wash / Rinse / Spin



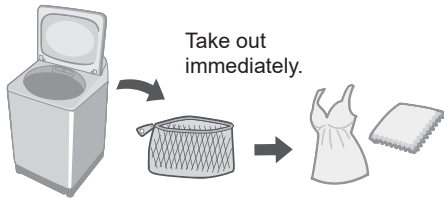
Delicate

74 L	5.0 kg
66 L	3.0 kg
59 L	1.0 kg

NOTE

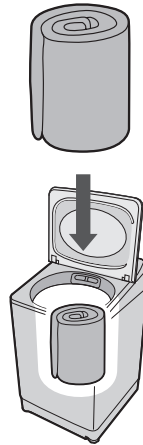


■ After operation ends

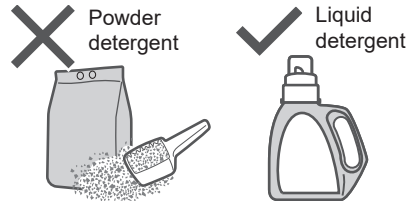


Bedding

Max. water amount	4.2 kg <ul style="list-style-type: none">• 100 % synthetic fibre• 100 % cotton
-------------------	---



NOTE



NOTE

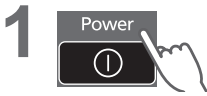
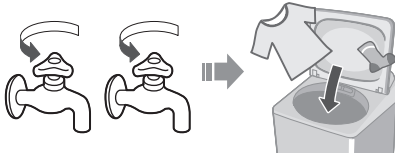
- The water amount indication shows the maximum and cannot be changed.

Washing Options (continued)

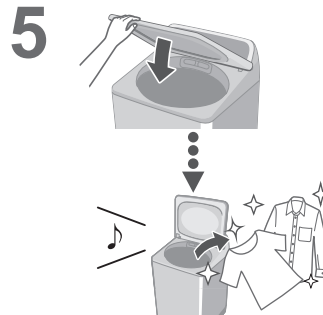
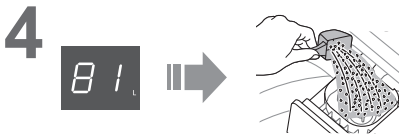
Stain Master



Preparation: (P. 7)

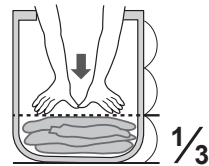


- Temp setting (P. 8)
- Timer preset (hours) (P. 14)



NOTE

- Max. 5.0 kg



- Max. water amount: 81 L
- You cannot change the wash process setting of this program.

Cotton Eco

With the “Cotton Eco” cycle, the washing machine consumes less energy and water.

(Temp setting: Fixed to Hot.)

■ About Detergent

- We recommend using high-efficiency or low-sudsing detergent.
- For better performance, it is recommended to dissolve detergent in 1 L of water at 35 °C.

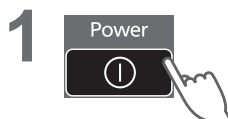
NOTE

- Do not use softener.
- The operation starts with the end of hot water filled.
- If “U13” appears, see page 28.
- We recommend leaving the washing machine for at least 1 hour between each use.

Air Dry (90 min)

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

- Dryable clothes: Synthetic fibre (Max. 3.0 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

Setting Auto Tub Clean

Preventing black mould.

■ Lamp indications

Auto Tub Clean Operating

Auto Tub Clean Function enabled

Auto Tub Clean Function disabled

■ To turn on/off

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

NOTE

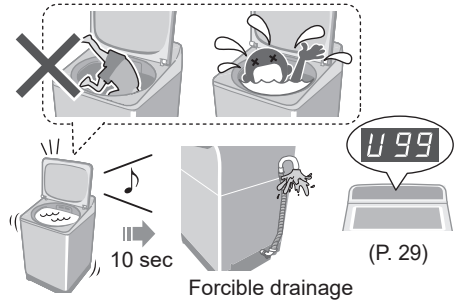
- Not available: Cotton Eco, Air Dry

Cancelling buzzer

- 1 & Hold 3 sec

- To reset:
same procedure

Setting Child Lock

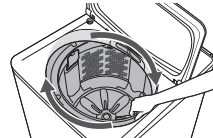


* This function does not lock the lid and button operations.







- 1
- 2 Hold 5 sec

- To cancel: same procedure

Turning the tub by hand



Contents of Programs

Program		Total time* ¹ (min)	Wash (min)	Rinse (times)	Spin (min)	Temp Setting	
	Daily Wash	80	10	2	6	Hot / Warm / Cold	
	Quick Wash	55	3	2	4		
	Baby Care	85	10	2	8		
	Bedding	90	12	2	9		
	Soak	135 * ²	71 (Soak 59)	2	6		
Stain Master	Sweat	75	13	2	6		
	Mud	95	32	2	6		
	Sauce	115 * ²	54 (Soak 29)	2	6		
	Delicate	55	9	2	1		Cold
	Tub Hygiene	155 * ²	65 (Soak 62)	2	30		
	Cotton Eco	155	79 (Soak 32)	3	15	Hot	

*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 will be displayed. -- → 99

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

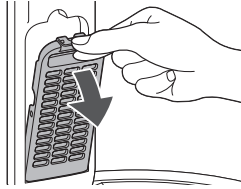


Maintenance

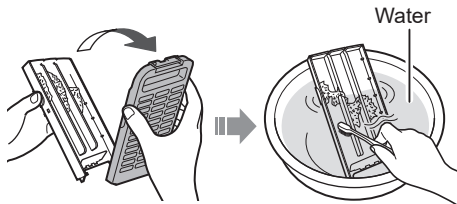
Lint filter

After each operation

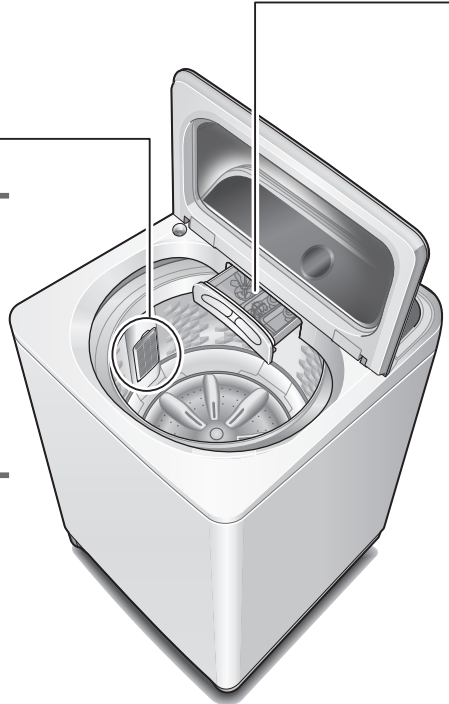
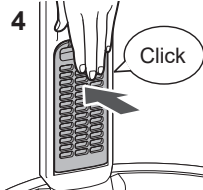
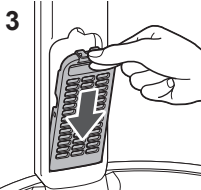
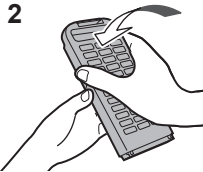
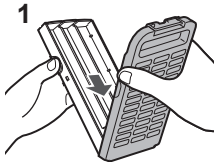
1



2



3

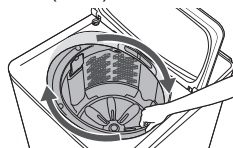


NOTE

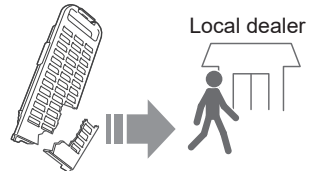


Without the filter

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



If the filter is broken

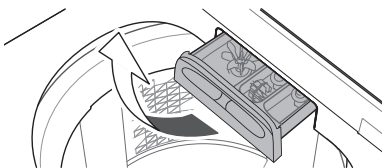


Local dealer

Detergent and softener drawer

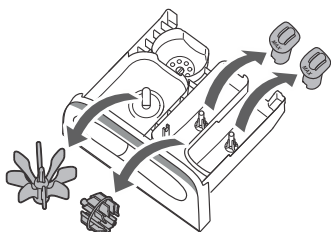
If stained with detergent or softener

1

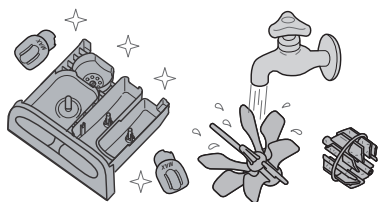


Remove

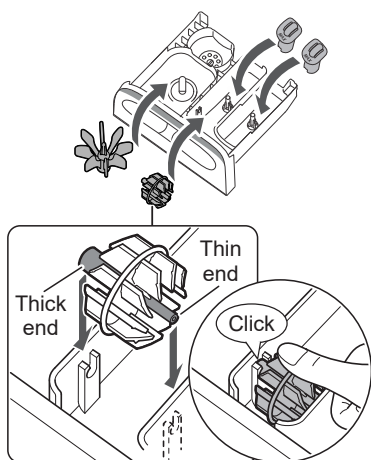
2



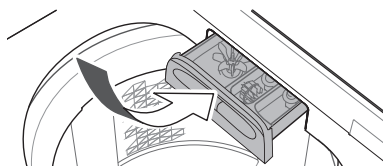
3



4



5



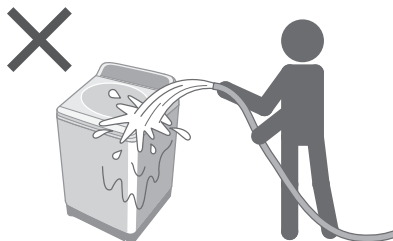
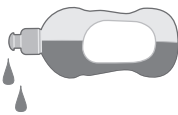
Attach

Main unit, lid



For heavy soil

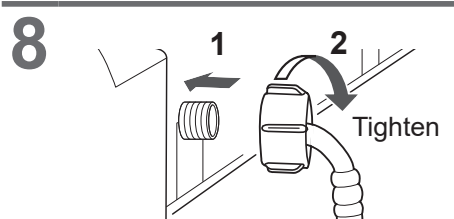
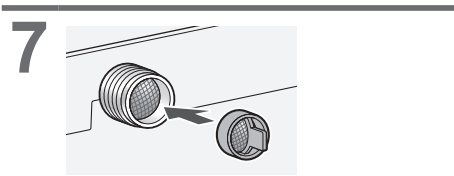
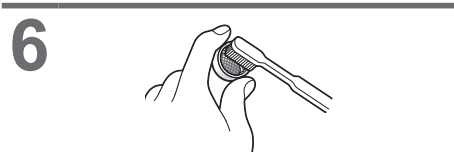
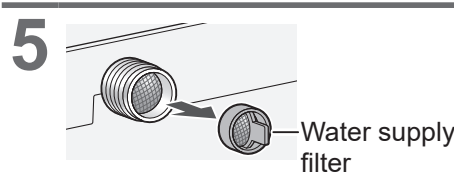
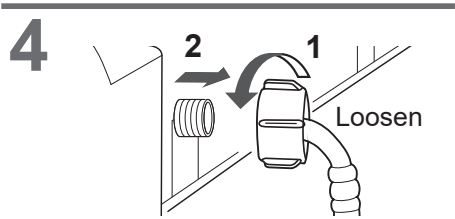
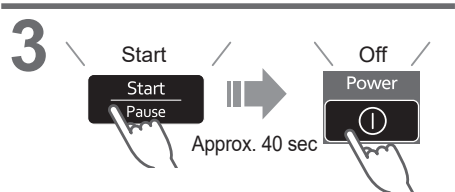
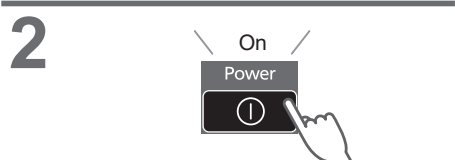
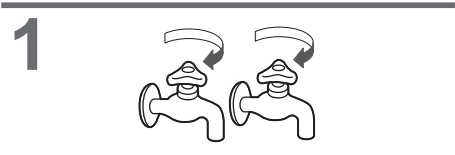
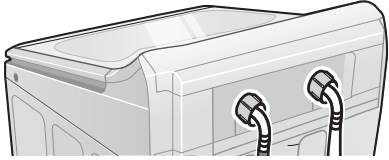
Neutral kitchen detergent



Maintenance (continued)

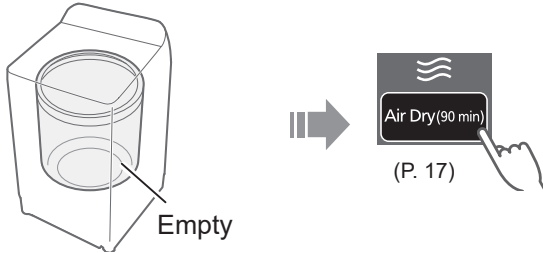
Water supply filter

If water does not flow smoothly



Tub

Once a week <Air Dry>

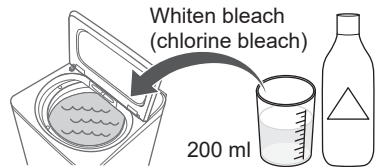


Once a month <Tub Hygiene>

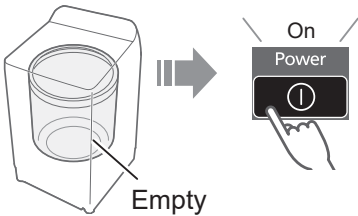
1



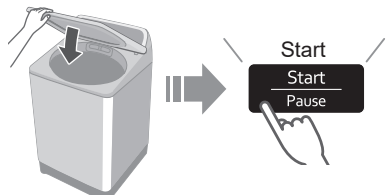
5



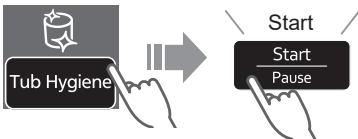
2



6

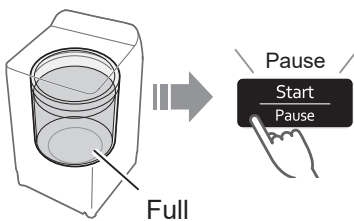


3



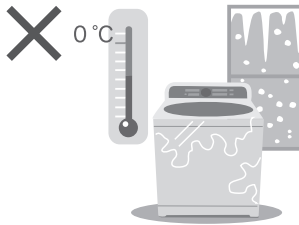
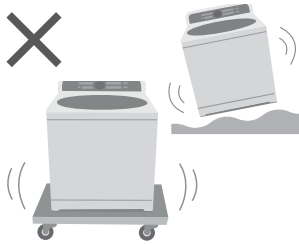
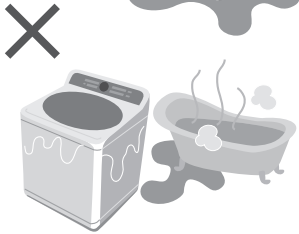
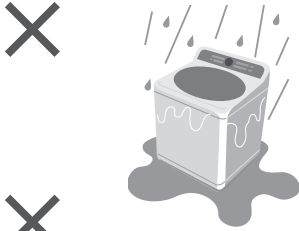
Approx. 2.5 hours

4

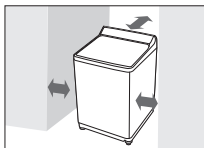


Installation

Check the location.



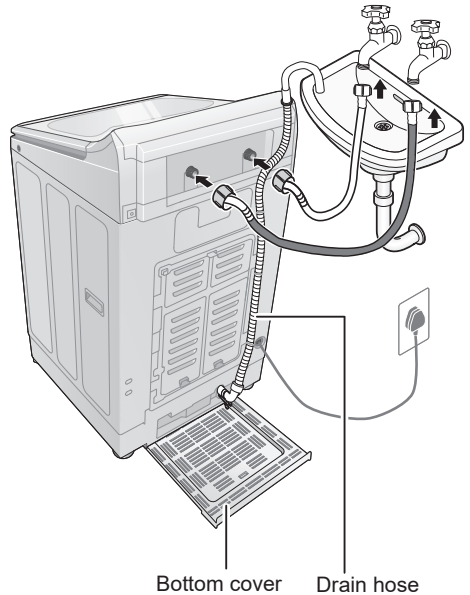
- Keep the washing machine at least 10 cm away from the wall to minimise noise.



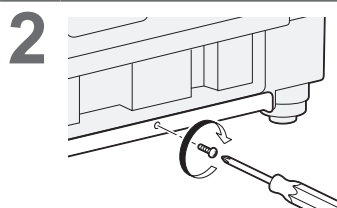
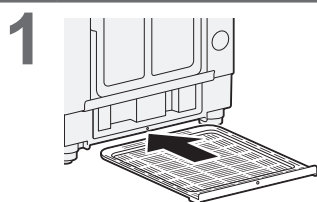
Make sure to ask a service person for installation.



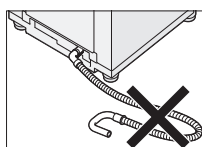
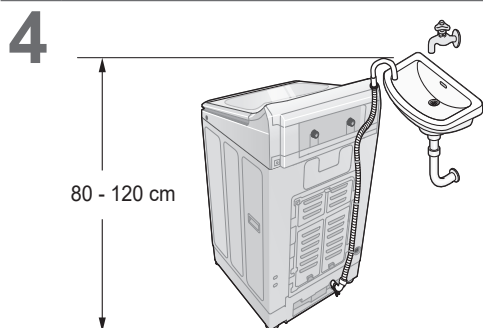
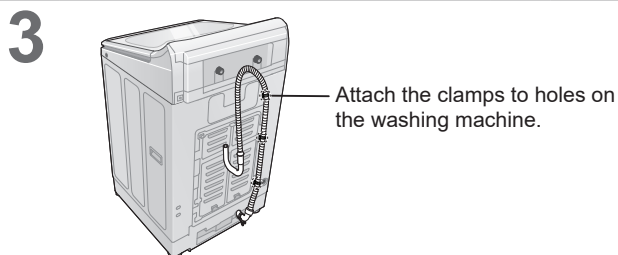
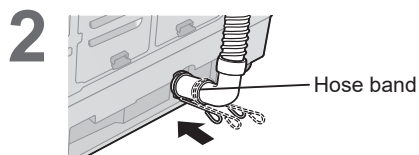
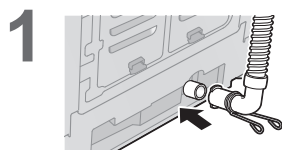
- Do not install by yourself.
- Follow this installation method. If you do not, Panasonic will not be liable for any accident or damage.
- Ensure all packing parts are fully removed. Do not install on the bottom packing. May cause serious damage to the machine.



Attach the bottom cover



Attach the drain hose



CAUTION

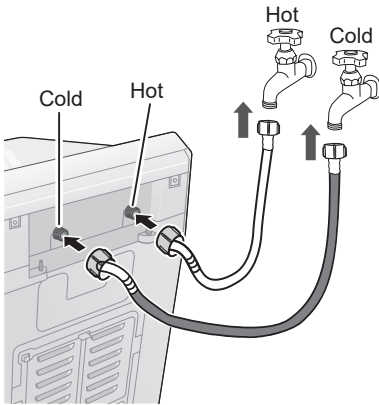
Make sure the drain hose is securely hooked so that it does not come off by water pressure during drainage.

NOTE

- Do not twist, pull out or bend the drain hose.
- Do not put the hose tip under water.
- Do not direct the drain hose downwards.
- The installation shall be in accordance with the requirements of AS/NZS 3500.1.

Installation (continued)

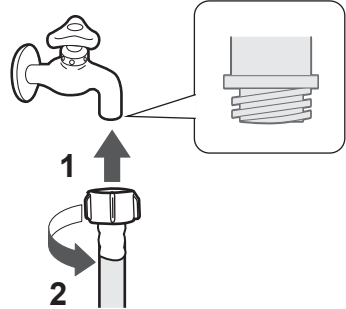
Connect the water supply hoses



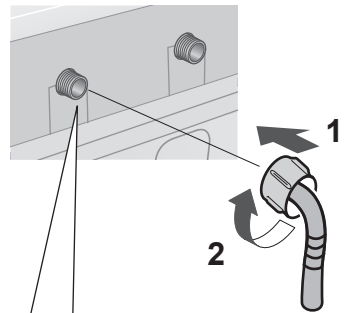
CAUTION

- Do not make wrong connection of HOT and COLD water supply hoses.
- Tighten the nut firmly.
- Do not twist, squash, modify or cut the hose.

1



2



3

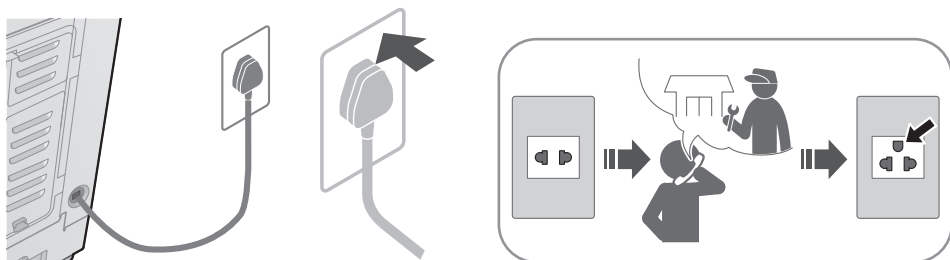
Check that the elbow is not loose.



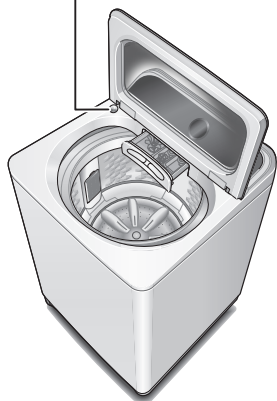
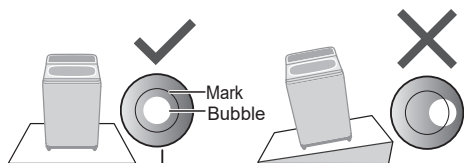
NOTE

- If you have an uncontrolled water heating source (e.g., wet back, solar heating), fit a tempering device (e.g., a safe valve). This will ensure the hot water temperature remains within safe limits. Contact a local plumber or plumbing supply merchant for the most suitable type of tempering device.
- Time for hot water to reach washing machine will depend on proximity of washing machine to hot water tank.

Connect the power plug and grounding

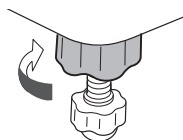


Check that the washing machine is level

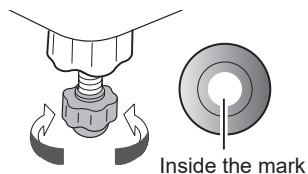


■ If the bubble is out of the mark

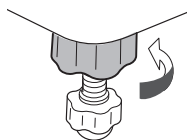
Loosen



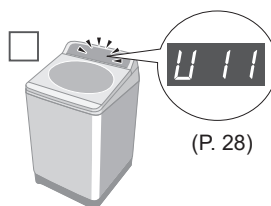
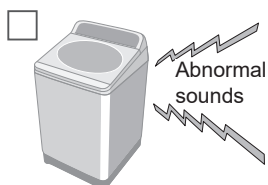
Adjust



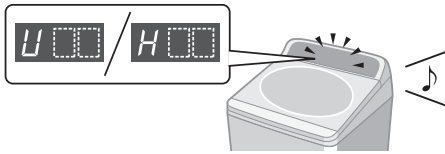
Tighten



Trial operation



Error Display



■ Preparation

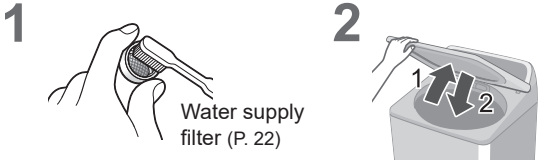
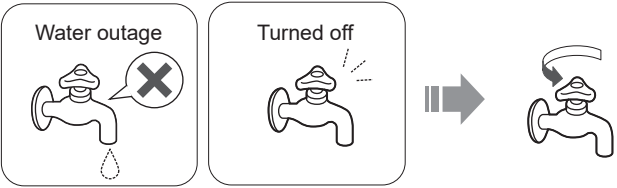
Cancel Child Lock (P. 18)
if it is set.

Error Display	Points to be checked						
<p>Water cannot drain.</p>	<p>1 Check</p> <p>80 - 120 cm</p> <p>2</p> <p>If the problem is not resolved, contact customer service for assistance.</p>						
<p>The lid is open.</p>	<p>1</p>						
<p>Spin or "Air Dry" is not possible.</p>	<table border="0"> <tr> <td> <p>Uneven</p> </td> <td> <p>1 Even</p> </td> <td> <p>2</p> </td> </tr> <tr> <td> <p>Unstable or incline</p> </td> <td> <p>1 Stable</p> </td> <td> <p>2</p> </td> </tr> </table>	<p>Uneven</p>	<p>1 Even</p>	<p>2</p>	<p>Unstable or incline</p>	<p>1 Stable</p>	<p>2</p>
<p>Uneven</p>	<p>1 Even</p>	<p>2</p>					
<p>Unstable or incline</p>	<p>1 Stable</p>	<p>2</p>					

Error Display	Points to be checked
---------------	----------------------

U 14

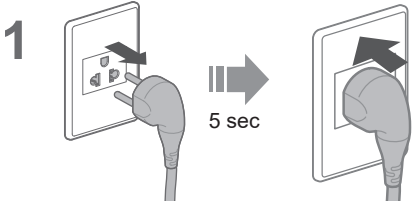
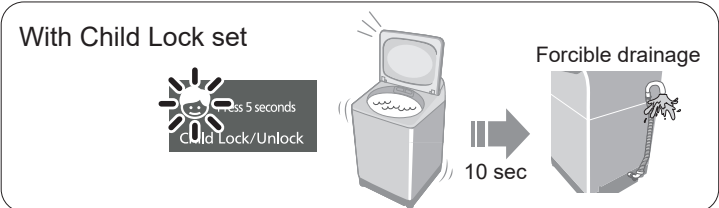
Water cannot be supplied.



Water supply filter (P. 22)

U 99

Water has been forcibly drained.

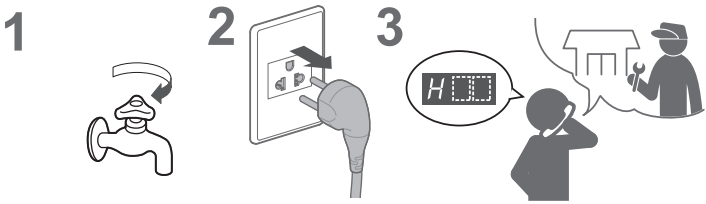


5 sec








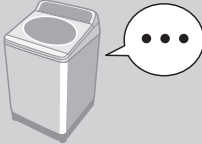






10 sec












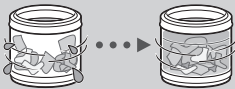

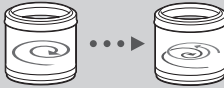

H

Inspection is required.


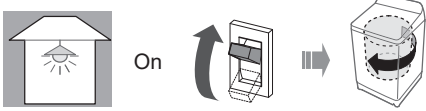




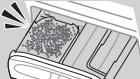
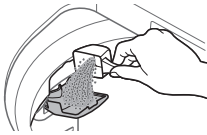


Troubleshooting

	Symptoms	Points to be checked
Time	<p>Indication increases or does not decrease.</p> 	<p>Time indication is approximate. Remaining time is corrected during operation.</p> 
	<p>Longer than the indication.</p> 	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; width: 30%;"> <p>When clothes are uneven.</p>  </div> <div style="border: 1px solid black; padding: 5px; width: 30%;"> <p>When the water drainage is not good.</p>  </div> <div style="border: 1px solid black; padding: 5px; width: 30%;"> <p>When the water supply is not good.</p>  </div> </div> <p style="text-align: center;">⇒ The operation time may be longer.</p>
	<p>Operation passes the preset time.</p> 	
Main unit	<p>No operation</p> 	
	<p>Cannot change process settings (after start).</p> 	<p><input type="checkbox"/> Try</p> <ul style="list-style-type: none"> ● During wash process <ol style="list-style-type: none"> 1 Pause  2  3 Start  ● After wash process <ol style="list-style-type: none"> 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 changes to rinse. Rinse starts instead of spin. 	If clothes are uneven, this appliances automatically corrects unevenness by rinse process. 
Spin	Irregular rotation 	The tub rotation speed is adjusted to reduce vibration. 

Troubleshooting (continued)

	Symptoms	Points to be checked
	Power failure/Breaker off. 	Operation will resume from where it stopped when the power is recovered. 
Others	StainMaster has no effect. 	<input type="checkbox"/> Check <input type="checkbox"/> Try <ul style="list-style-type: none"> ● Under 5.0 kg  ● Pretreatments (P. 7)  ● Select according to the stain type. (P. 11) 
	Powder detergent remains undissolved. 	<input type="checkbox"/> Try Put it in the bleach inlet. (P. 12) 

Specifications

Model No.	NA-FD10X1
Rated voltage	220 V - 240 V
Rated frequency	50 Hz
Rated power consumption	520 W
Standard water amount	99 L
Maximum mass of dry cloth	10.0 kg
Product dimensions	679 mm (W) x 755 mm (D) x 1100 mm (H)
Product weight	47 kg
Pressure of tap water	0.01 - 1 MPa

Panasonic Customer Care Centre

(For Australia)
 Phone: 132 600
 Open: 8:30 a.m. to 6:00 p.m. Monday to Friday

(For New Zealand)
 Phone: 09 272 0178
 Open: 8:30 a.m. to 5:00 p.m. Monday to Friday

Panasonic Corporation

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