

# Panasonic®

## Operating & Installation Instructions

Fully Automatic Washing Machine  
(Household Use)

Model No. **NA-F70A9**  
**NA-F60A9**



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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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A0322-0(NZ)

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# Safety Precautions

## WARNING

### May cause serious injury or death.

#### Children must not use it alone.

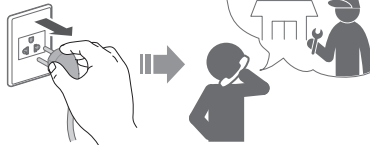


- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children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

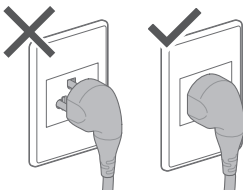


### May cause fire or electric shock.

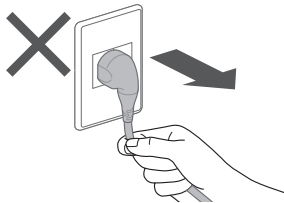
#### Do not touch it with wet hands.



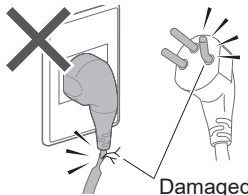
#### Fully insert it.



#### Do not hold or pull on the cord.

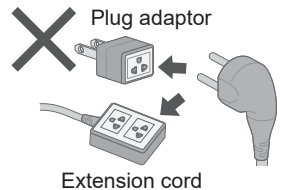


#### Do not use.

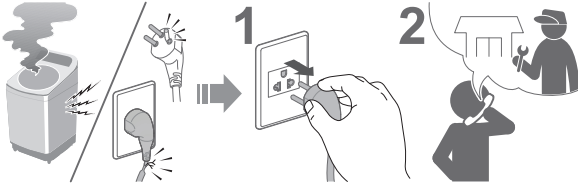


- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

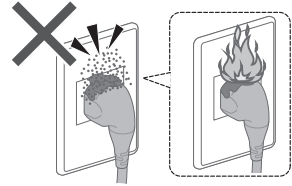
#### Do not use.



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

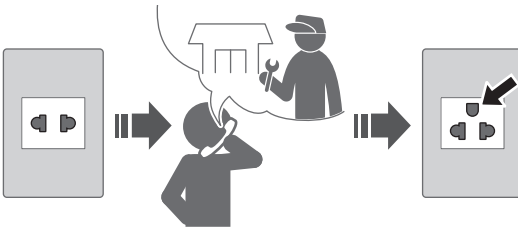


**Accumulated dust may cause fire.**

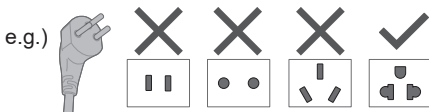


**Securely insert the ground prong.  
Ask the electrical technician for a new socket.**

**Wipe the power plug periodically.**

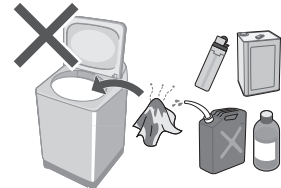


**Use a socket appropriate for this appliance.**



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

**Keep away from flammable materials.**



### **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.

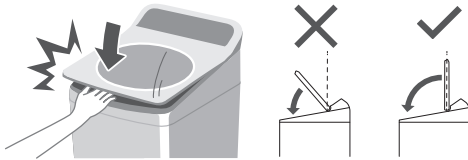
Do not disassemble, repair or modify it by yourself.



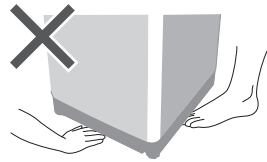
## **CAUTION**

May cause injury.

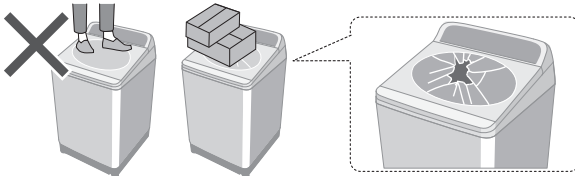
Be careful not to get your fingers caught.



Be careful of your hands and feet.



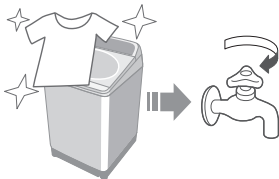
Do not climb or put objects on the appliance.



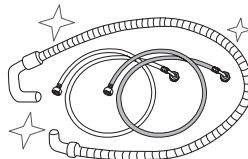
- If the lid is broken, immediately stop using.

May cause water leakage.

Turn off the water faucet.



Use new hose-sets.

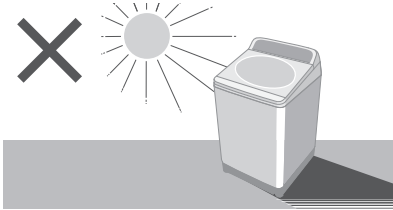


- New hose-sets supplied with the appliance are to be used and old hose-sets should not be reused.

# ⚠ CAUTION

## May cause failure.

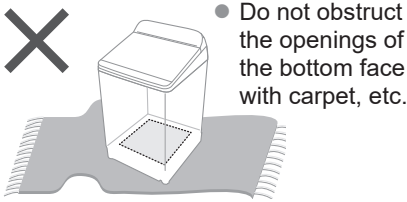
**Keep away from heat and direct sunlight.**



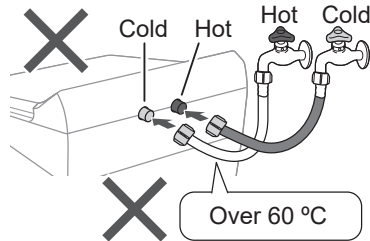
**Do not wash waterproof items.**



**Do not obstruct.**



**Do not incorrectly attach HOT/ COLD water supply hoses.**



**For Machine-washable items only.**

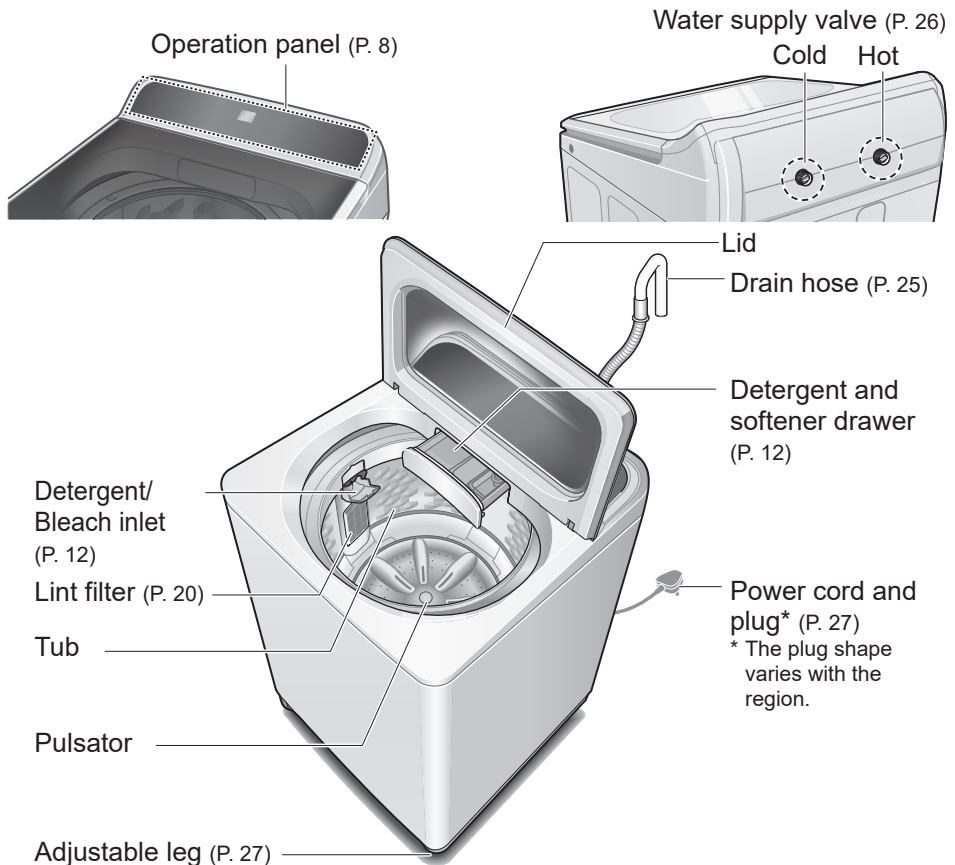


● This appliance is intended to be used in household. This appliance is not intended to be used in applications such as:

- 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.

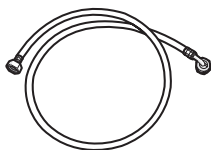
■ For maximum mass of dry cloth and pressure of tap water, see page 32.

# Part Names / Accessories



## Accessories

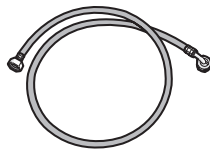
- Water supply hose for HOT (White) (1) (P. 26)



• Length: 1.25 m

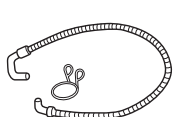
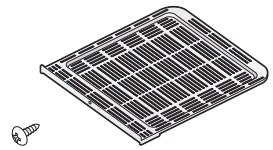
- Drain hose (1)
- Hose band (2) (P. 25)

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



• Length: 1.25 m

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

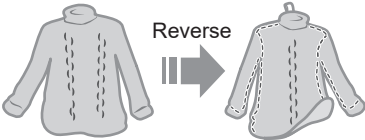
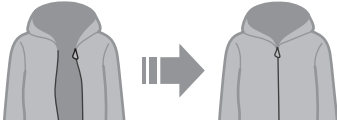
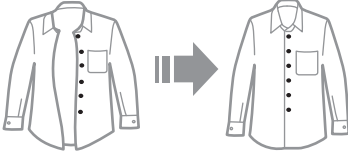
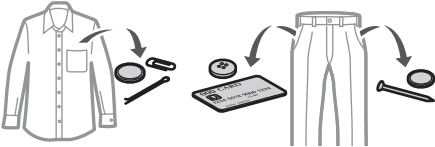


- Hose holder (1)
- Screw (1)

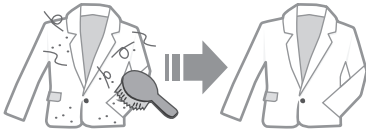
# Before Washing

## Laundry preparation and check

### Pre-laundry check

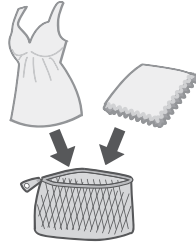


Clothes likely to pill

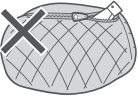


Paper diapers

### Use laundry nets for delicates



Overpack



### For "Stain Master" (P. 16)

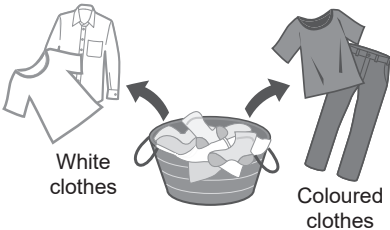
- Pretreatments for heavily stains



- Observe the clothes' care labels



### Wash separately



# Operation Panel

## Change process settings (P. 14)



Flashing  
(in progress)

## Water amount



69 L

▼ Approx.  
5 sec

## Remaining time



Time Left  
60 min

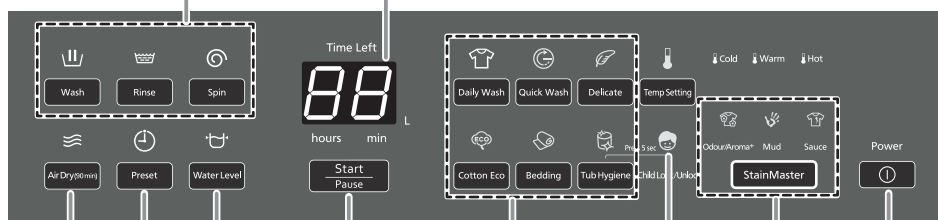
## Detergent volume

Water level (L)	Detergent *2
69 *1	55
51	47
38	27

\*1 NA-F70A9: 69 L

NA-F60A9: 66 L

\*2 : 1 scoop of detergent



Air Dry  
(P. 17)

Water Level

Preset (P. 14)

Start/Pause

Program selection  
(P. 10)

Child Lock  
lamp (P. 18)

Stain Master  
(P. 16)

Power On/Off

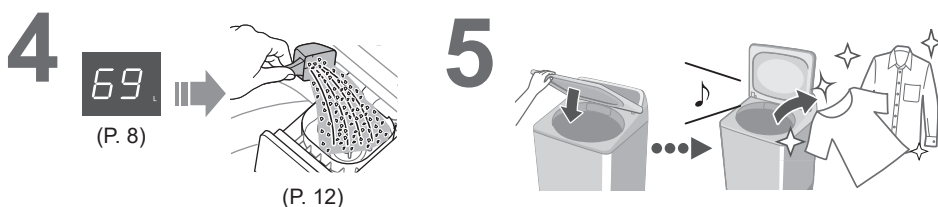
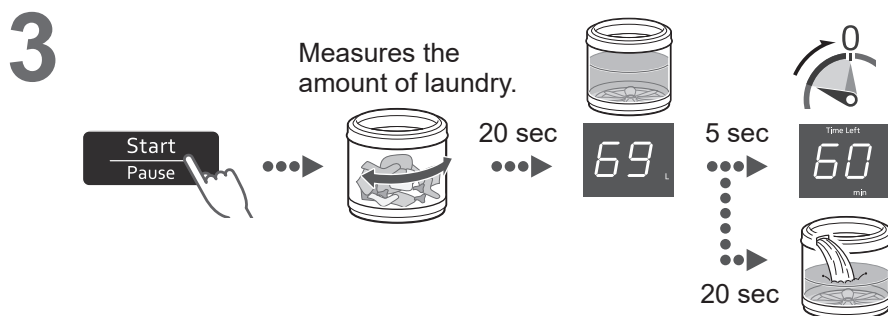
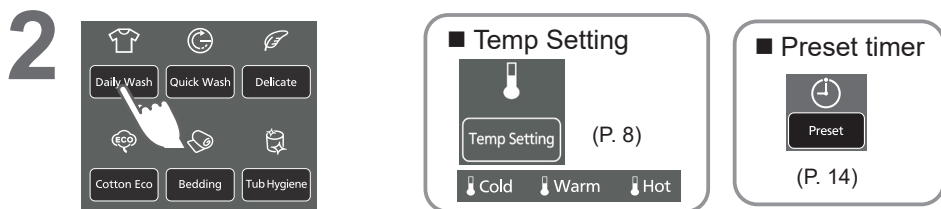
## Temp Setting

- 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



## ■ After pressing “Start”










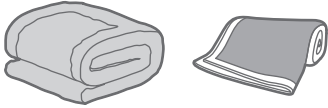
- To change each operation (while washing).









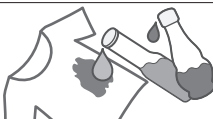





- To check or change the water level (while washing). →
- You cannot change the program.



# Variety of Programs

	Program	Purpose	Max. capacity * (kg)
Wash	 <b>Daily Wash</b> (P. 9)	<ul style="list-style-type: none"> <li>● Everyday clothes</li> </ul> 	7.0 6.0
	 <b>Quick Wash</b> (P. 9)	<ul style="list-style-type: none"> <li>● For light soil</li> </ul> 	7.0 6.0
	 <b>Delicate</b> (P. 15)	<ul style="list-style-type: none"> <li>● Washing gently</li> </ul> 	4.2
	 <b>Cotton Eco</b> (P. 17)	<ul style="list-style-type: none"> <li>● Saving water and energy</li> </ul> 	7.0 6.0
	 <b>Bedding</b> (P. 15)	<ul style="list-style-type: none"> <li>● Comforters and blankets</li> </ul>  With a machine-washable tag	4.2

\*Top: NA-F70A9 / Bottom: NA-F60A9

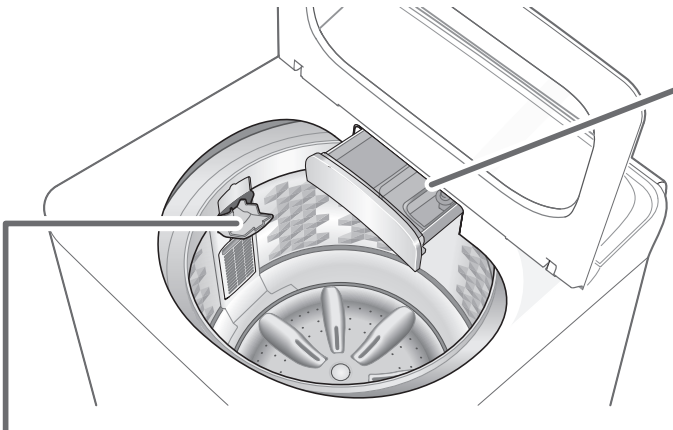
	Program	Purpose	Max. capacity * (kg)
Wash	<b>StainMaster</b> (P. 16)	● For the following stains	
	Light  <b>Odour/ Aroma+</b>	● Use more softener to keep the scent longer	7.0 6.0
	  <b>Mud</b>		4.0
	  <b>Sauce</b> Heavy		
Dry	 <b>Air Dry (90 min)</b> (P. 17, 23)	● Drying synthetic fibre clothes 	2.0
	Maintenance		● Tub drying 
 <b>Tub Hygiene</b> (P. 23)		● Tub cleaning Removing black mould and smell 	—

**NOTE**

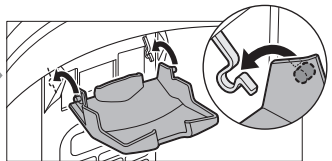
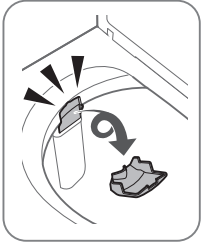
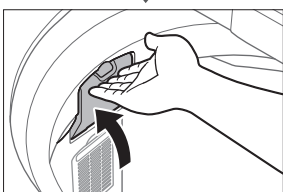
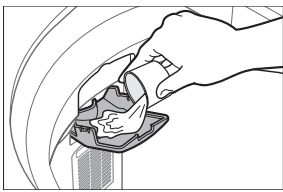
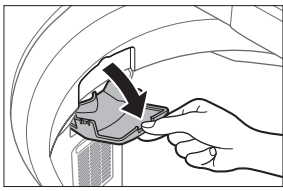
- “Cotton Eco” is recommended for normally soiled cotton load as the most efficient energy and water saving program based on AS/NZS 2040.1, AS/NZS 2040.2 and AS/NZS 6400.

# Detergent / Softener / Bleach

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

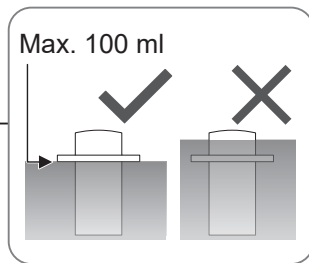
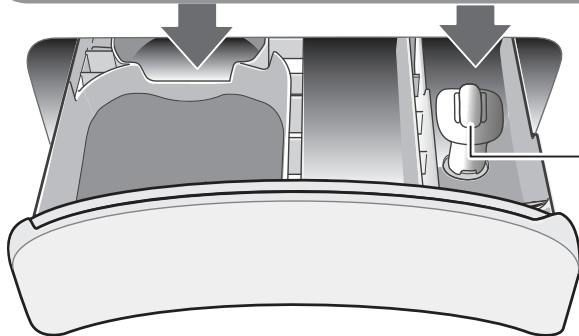
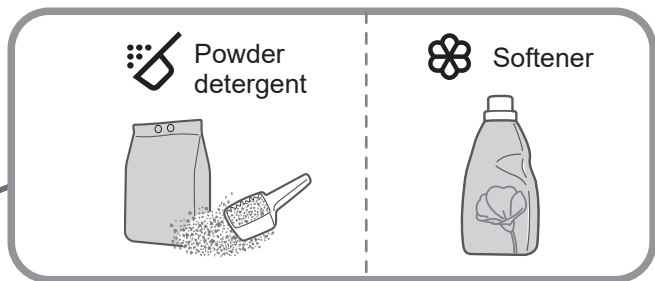


## Bleach / Liquid detergent



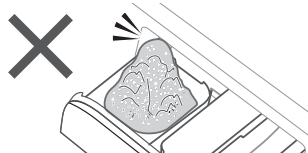
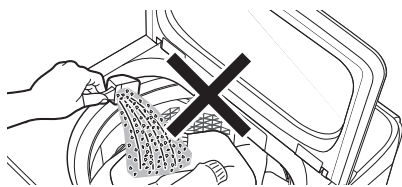
Whiten bleach  
(chlorine bleach)



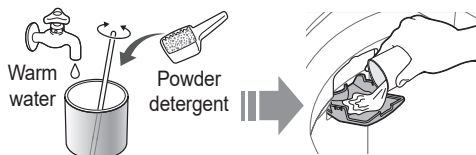


● For cleaning (P. 21)

## Detergent



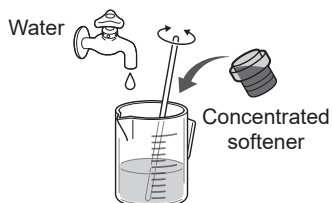
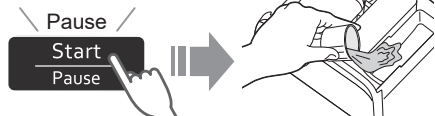
- If powder detergent does not dissolve well, mix and dilute powder in a cup of warm water and put into the bleach inlet.



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

## Softener

- During operation

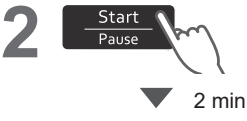


- Softener cannot be used with the "Cotton Eco" program.

# Washing Options

## Preset

Set how many hours later to finish operation.

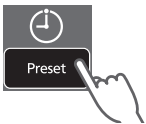


All other indications turn off.

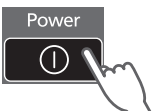


	2 - 24
	1 - 24
	-
	3 - 24
	-
	2 - 24
	-
	-

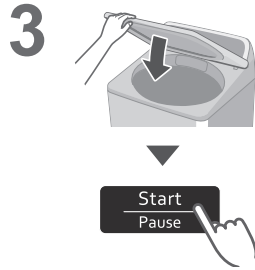
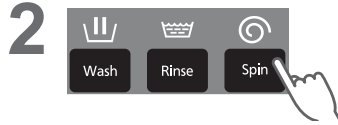
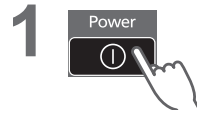
### ■ To confirm



### ■ To cancel or change



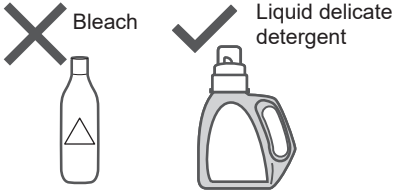
## Wash / Rinse / Spin



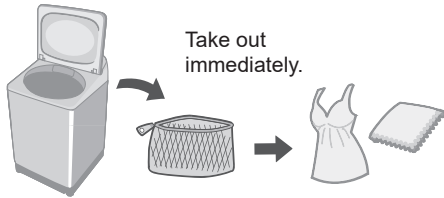
## Delicate

55 L	4.2 kg
47 L	3.0 kg

### NOTE



### ■ After operation ends

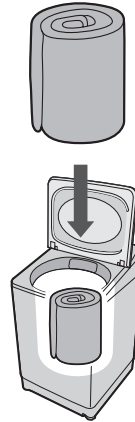


Take out immediately.

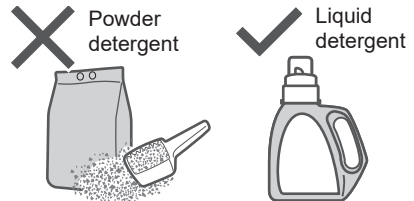
## Bedding

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

\* NA-F70A9: 69 L / NA-F60A9: 66 L



### NOTE



### NOTE

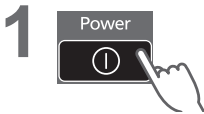
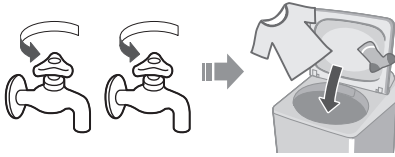
- The water amount indication shows the maximum and cannot be changed.

# Washing Options (continued)

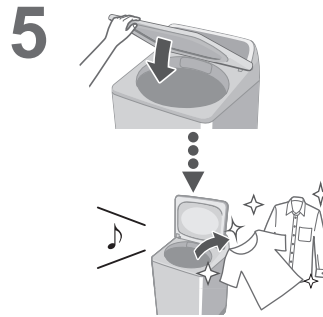
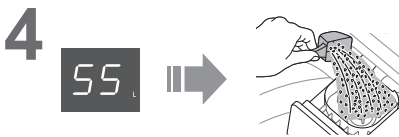
## Stain Master



### Preparation: (P. 7)

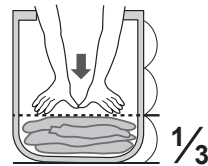


- Temp setting (P. 8)
- Timer preset (hours) (P. 14)



### NOTE

- Max. capacity (P. 11)



- Max. water amount:

Odour/Aroma+:	69 L (NA-F70A9) 66 L (NA-F60A9)
Others:	55 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.

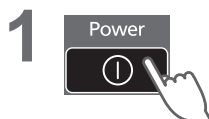
#### NOTE

- 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. 2.0 kg)

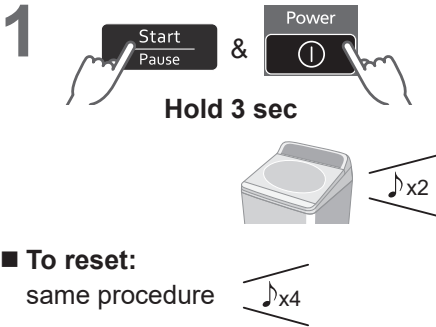


#### NOTE

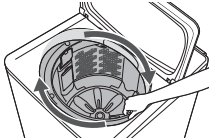
- Clothes may not be sufficiently dried (depends on amount and type of clothes, and the temperature).
- This function does not use a heater. Clothes may be cold and half dry.

# Convenient Functions

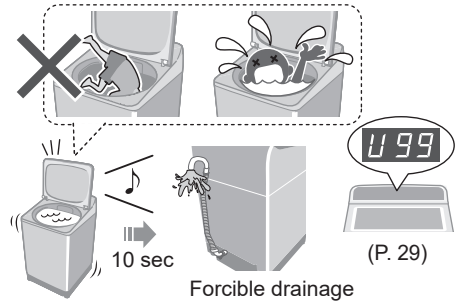
## Cancelling buzzer



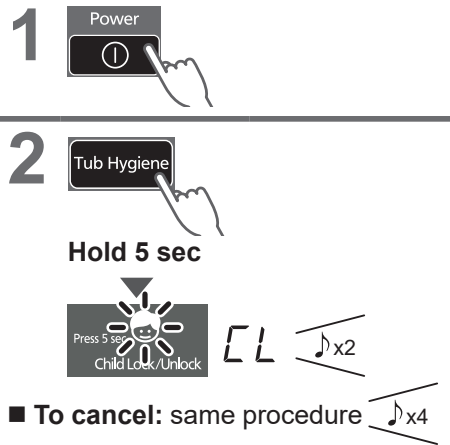
## Turning the tub by hand




## Setting Child Lock






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



# Contents of Programs

Program		Total time* <sup>1</sup> (min)	Wash (min)	Rinse (times)	Spin (min)	Temp Setting
	<b>Daily Wash</b>	60	12	2	5	Hot / Warm / Cold
	<b>Quick Wash</b>	35	3	2	3	
	<b>Bedding</b>	60	12	2	3	
<b>Stain Master</b>	 <b>Odour/ Aroma+</b>	75	12	2	5	
	 <b>Mud</b>	75	25	2	5	
	 <b>Sauce</b>	105 <sup>*2</sup>	25 (Soak 20)	2	5	
	<b>Delicate</b>	45	9	2	1	Cold
	<b>Tub Hygiene</b>	140 <sup>*2</sup>	12 (Soak 60)	2	30	
	<b>Cotton Eco</b>	135 <sup>*3</sup>	7 (Soak 69) <sup>*3</sup>	3	15	Hot
		110 <sup>*4</sup>	7 (Soak 47) <sup>*4</sup>			

\*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

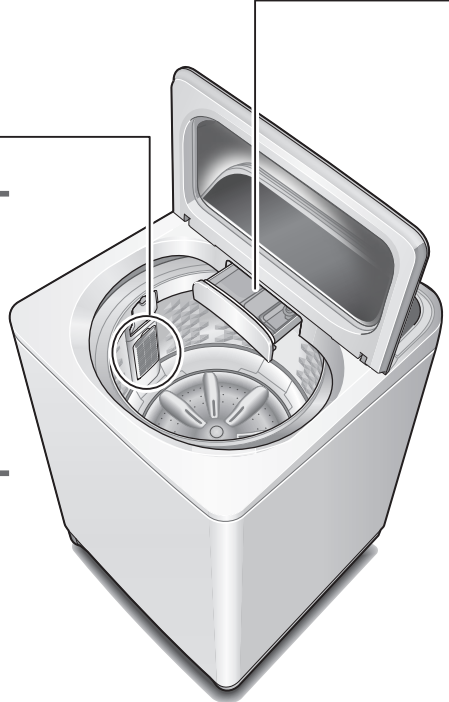
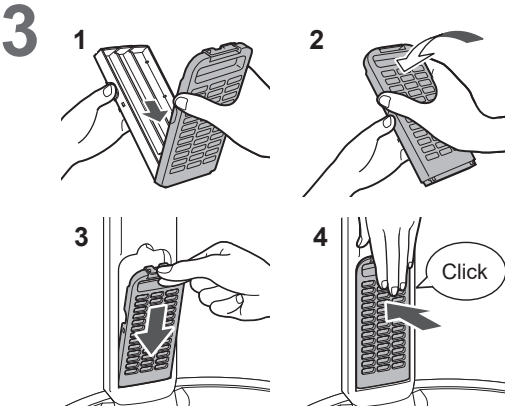
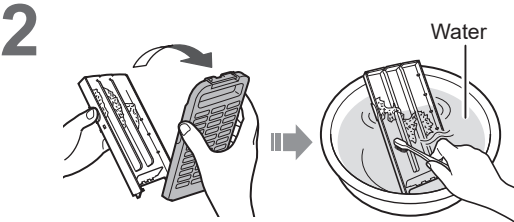
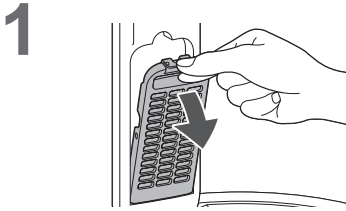
\*3 For model NA-F70A9

\*4 For model NA-F60A9

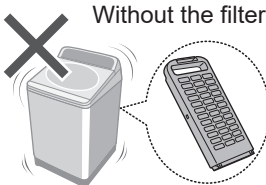
# Maintenance

## Lint filter

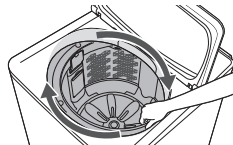
After each operation



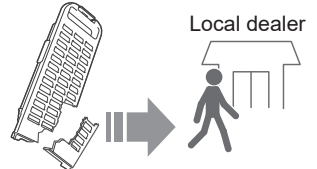
**NOTE**



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



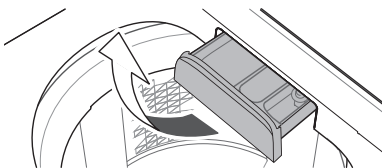
If the filter is broken



## Detergent and softener drawer

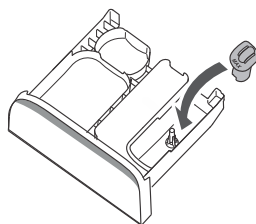
If stained with detergent or softener

1

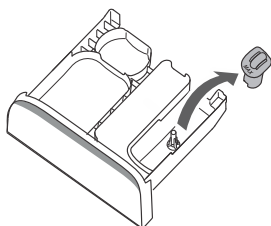


Remove

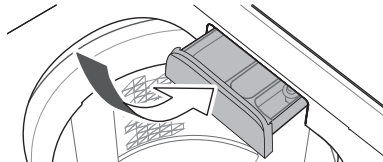
4



2

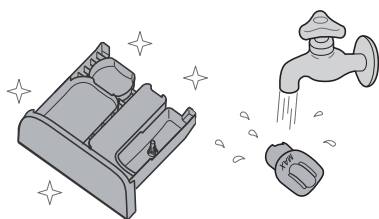


5



Attach

3

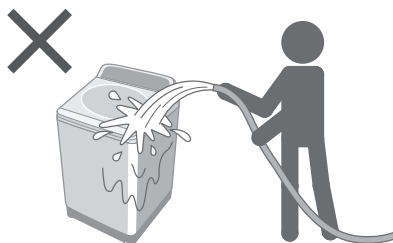
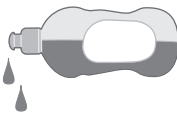


## Main unit, lid



For heavy soil

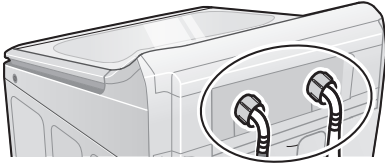
Neutral kitchen  
detergent



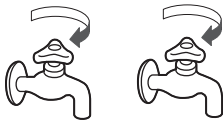
# Maintenance (continued)

## Water supply filter

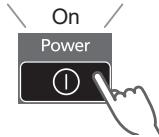
If water does not flow smoothly



1



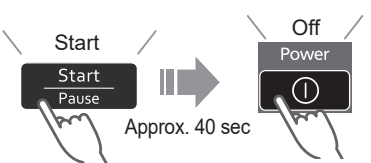
2



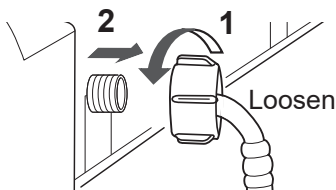
3



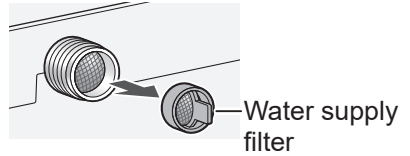
4



5



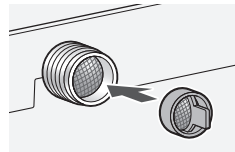
6



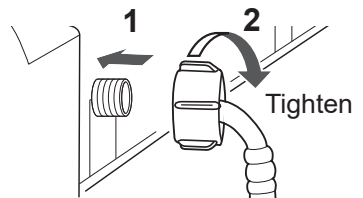
7



8

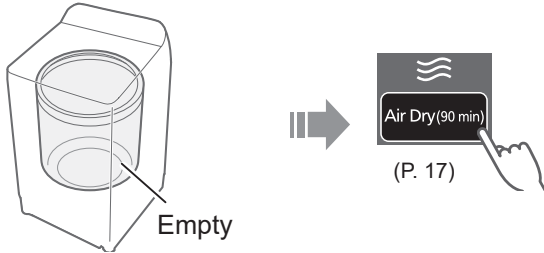


9



## Tub

Once a week <Air Dry (90 min)>

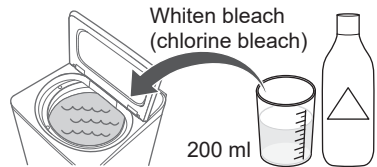


Once a month <Tub Hygiene>

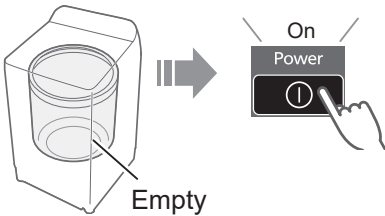
1



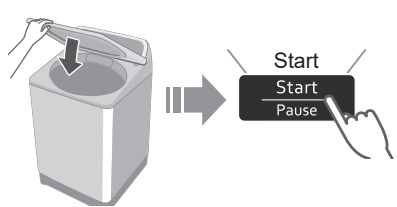
5



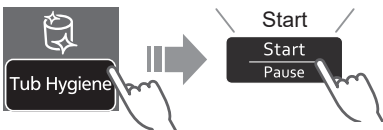
2



6

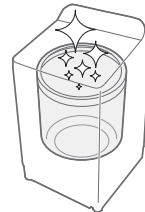
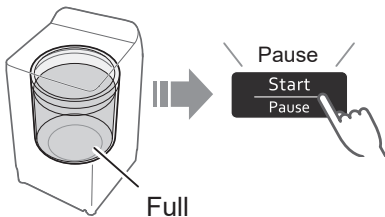


3



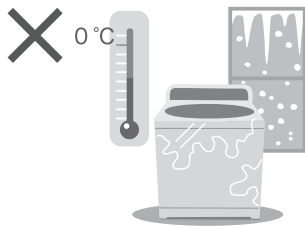
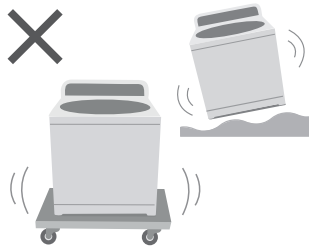
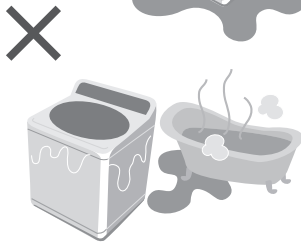
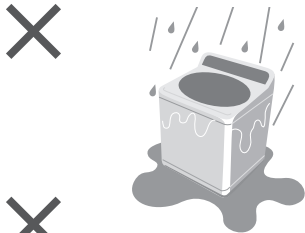
Approx. 2.5 hours

4

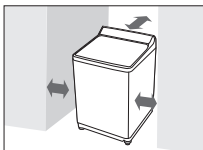


# Installation

## Check the location.



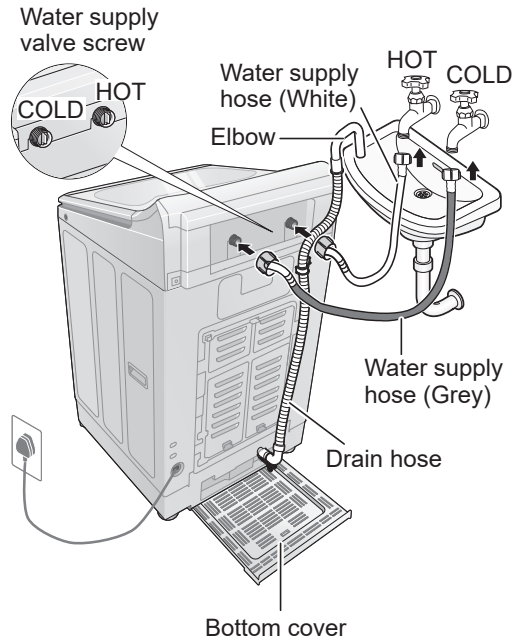
- Keep the washing machine at least 10 cm away from the wall to minimise noise.



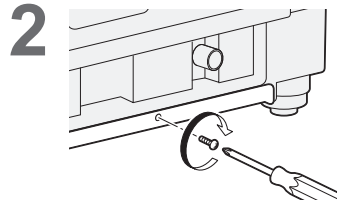
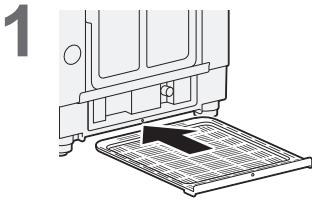
## Make sure to ask a service person for installation.



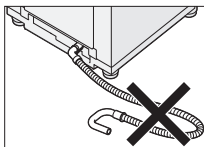
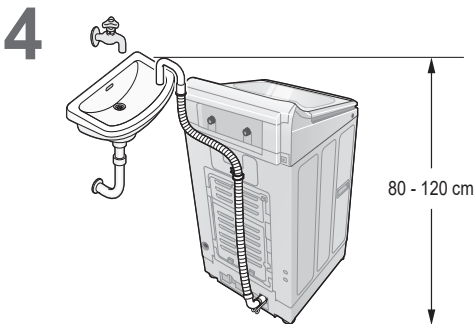
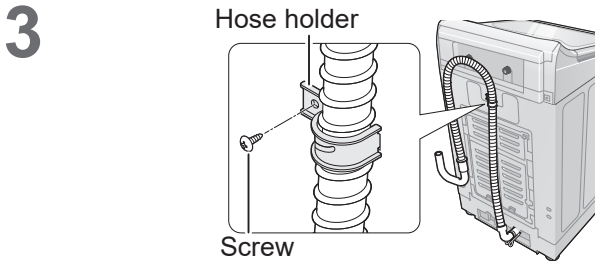
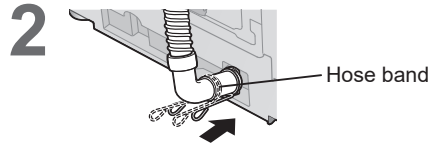
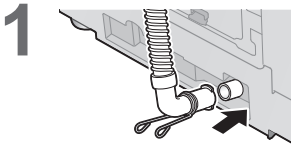
- Do not install by yourself.
- Follow this installation method. If you do not, Panasonic will not be liable for any accident or damage.
- Ensure all packing parts are fully removed. Do not install on the bottom packing. May cause serious damage to the machine.



## Attach the bottom cover



## Attach the drain hose



### CAUTION

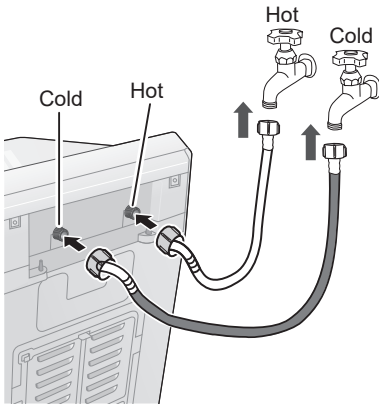
Make sure the drain hose is securely hooked so that it does not come off by water pressure during drainage.

### 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)

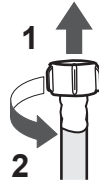
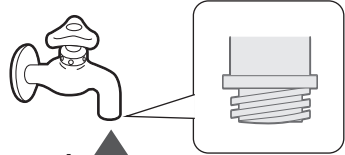
## Connect the water supply hoses



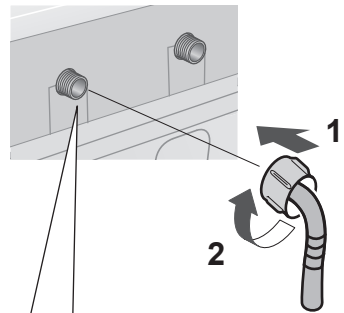
### CAUTION

- 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

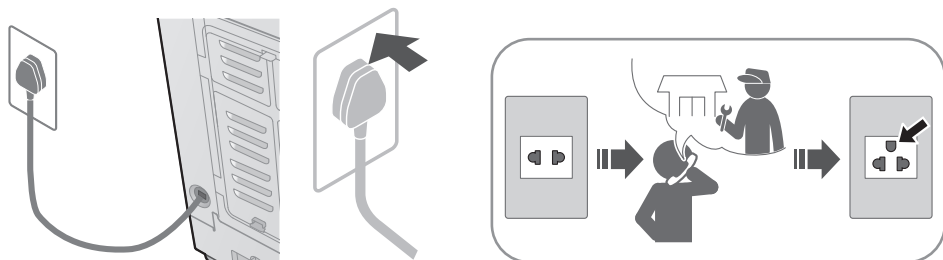
Check that the elbow is not loose.



### 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.

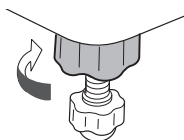
## Connect the power plug and grounding



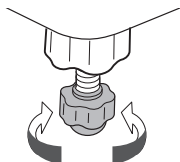
## Check that the washing machine is level

### ■ If the bubble is out of the mark

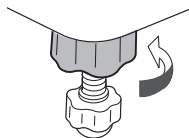
Loosen



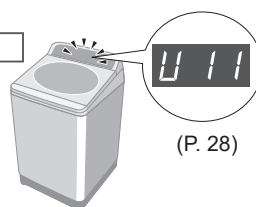
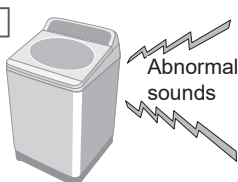
Adjust



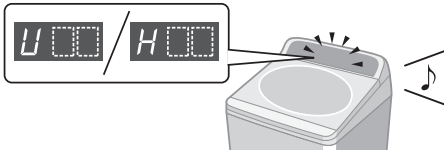
Tighten



## Trial operation


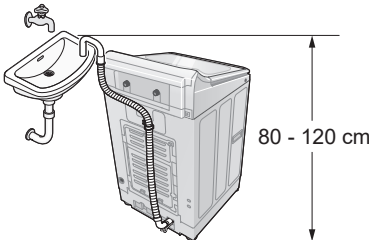
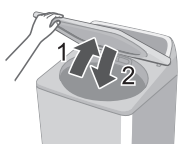

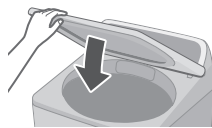




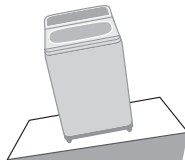
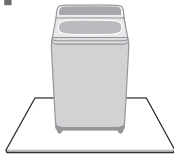



# Error Display



## ■ Preparation



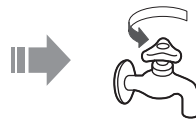

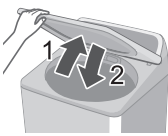
Cancel Child Lock (P. 18)  
if it is set.

Error Display	Points to be checked	
 <p><b>Water cannot drain.</b></p>	<p><b>1</b> Check</p> 	<p><b>2</b></p>  <p>If the problem is not resolved, contact customer service for assistance.</p>
 <p><b>The lid is open.</b></p>	<p><b>1</b></p> 	
 <p><b>Spin or "Air Dry" is not possible.</b></p>	<p><b>1</b> Uneven</p> 	<p><b>1</b> Even</p>  <p><b>2</b></p> 
<p><b>1</b> Unstable or incline</p> 		<p><b>1</b> Stable</p>  <p><b>2</b></p> 

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



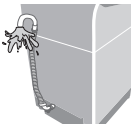
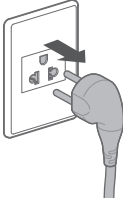

**U 14**

**Water cannot be supplied.**

<p>Water outage</p> 	<p>Turned off</p> 	
<p>1</p>  <p>Water supply filter (P. 22)</p>	<p>2</p> 	




**U 99**

**Water has been forcibly drained.**








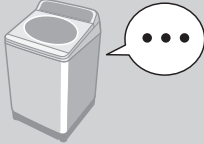





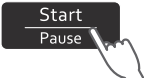







<p>With Child Lock set</p> 		<p>Forcible drainage</p> 
<p>1</p>  <p>5 sec</p>	 <p>10 sec</p>	












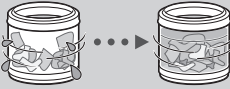



**H 00**

**Inspection is required.**








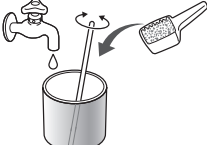
<p>1</p> 	<p>2</p> 	<p>3</p> 
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# Troubleshooting

	Symptoms	Points to be checked
Time	<p><b>Indication increases or does not decrease.</b></p> 	<p>Time indication is approximate. Remaining time is corrected during operation.</p> 
	<p><b>Longer than the indication.</b></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><b>Operation passes the preset time.</b></p> 	
Main unit	<p><b>No operation</b></p> 	<p><input type="checkbox"/> Check</p> <ul style="list-style-type: none"> <li>● Power failure            </li> <li>● Timer preset            </li> </ul> <p><input type="checkbox"/> Try</p> <ul style="list-style-type: none"> <li>● Close the lid.            </li> <li>● Turn on.            </li> <li>● Insert the power plug completely.            </li> <li>● Press "Start".            </li> <li>● Turn breaker on.            </li> </ul>
	<p><b>Cannot change process settings (after start).</b></p> 	<p><input type="checkbox"/> Try</p> <ul style="list-style-type: none"> <li>● During wash process           <ol style="list-style-type: none"> <li>1 Pause                </li> <li>2                </li> <li>3 Start                </li> </ol> </li> <li>● After wash process           <ol style="list-style-type: none"> <li>1 Off                </li> <li>2 On                </li> </ol> </li> </ul>

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

# Troubleshooting (continued)

	Symptoms	Points to be checked
	<p><b>Power failure/Breaker off.</b></p> 	<p>Operation will resume from where it stopped when the power is recovered.</p> 
Others	<p><b>StainMaster has no effect.</b></p> 	<p><input type="checkbox"/> Check      <input type="checkbox"/> Try</p> <ul style="list-style-type: none"> <li>● Max. capacity (P. 11) </li> <li>● Pretreatments (P. 7) </li> <li>● Select according to the stain type. (P. 11) </li> </ul>
	<p><b>Powder detergent remains undissolved.</b></p> 	<p><input type="checkbox"/> Try</p> <p>Mix and dilute powder in a cup of warm water and put into the bleach inlet. (P. 13)</p> 

# Specifications

Model No.	NA-F70A9	NA-F60A9
Rated voltage	220 V - 240 V	
Rated frequency	50 Hz	
Rated power consumption	630 W	590 W
Standard water amount	69 L	66 L
Maximum mass of dry cloth	7.0 kg	6.0 kg
Product dimensions	557 mm (W) x 663 mm (D) x 1044 mm (H)	
Product weight	37 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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