

Panasonic®

Operating & Installation Instructions

Fully Automatic Washing Machine
(Domestic use)

Model No. **NA-F70B7**
NA-F65B7
NA-F62B7



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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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Safety Precautions

Read and follow these safety precautions.



WARNING

May cause serious injury or death.

Avoid installation in humid place.

(To prevent fire or electric shock)

Do not allow children to use on their own.

- 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.

Observe the following about the power plug and cord

(To prevent fire or electric shock)

- Do not plug in or unplug the power cord with wet hands.
- Do not hold or pull on the cord when removing the plug from the socket.
- Do not use a power cord or plug that is damaged. 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.
- Use a socket that satisfies the rating requirement solely for this appliance. Do not use a plug adaptor or extension cord.
- Always fully insert the power plug into the socket.
- Wipe the power plug periodically with a dry cloth. (Accumulated dust collects moisture, which may cause insulation failure, resulting in fire.)
- Unplug the power cord before cleaning.

Never disassemble, repair or modify the appliance yourself.

- In case of malfunction or failure, immediately stop use, unplug the power cord, and ask your nearest service centre for repair.

Keep away from fire.

Do not put flammable materials or clothes with such things attached in the tub. Keep them away from the appliance.

(To prevent explosion or fire)

- For example: Kerosene, gasoline, benzine/thinner, alcohol, etc.

Do not touch the tub until it completely stops.

(To prevent injury)

- If the tub does not stop within 15 seconds when the lid is opened during spin process, switch off the appliance immediately and call a service person.

Provide a ground.

(To prevent electric shock by short circuit)

- Ask a service person to do the grounding work of washing machine.

Part Names



CAUTION

May cause injury or property damage.

Do not wash, rinse, or spin waterproof sheets or clothes.

(To prevent injury, damage to the main unit, walls, floor or laundry, or water leakage if the appliance falls over or oscillates extremely while spinning)

- Raincoats, wet suits, etc.

Locate away from direct sunlight or heat.

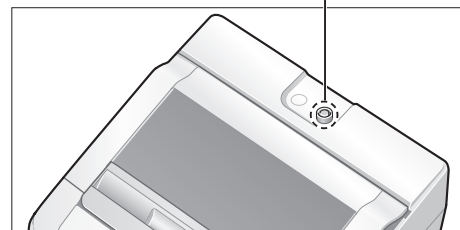
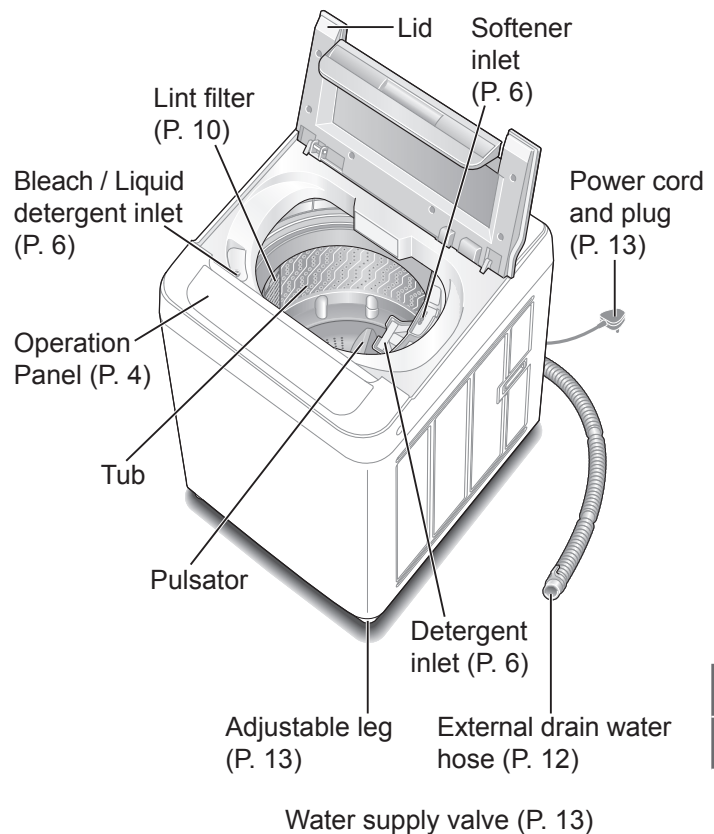
(To prevent malfunction or deformation)

Observe the following

- New hose-sets supplied with the appliance are to be used and old hose-sets should not be reused.
- Be careful not to get your fingers caught when opening and closing the lid.
- Do not obstruct the openings of the bottom face with carpet, etc.
- Do not insert your hands or feet under the main unit. (To prevent injury by rotating parts.)
- Do not climb or put heavy objects on the appliance. (To prevent deformation and breakage resulting in injury)
- If the lid is broken, immediately stop using the appliance. (To prevent deformation and breakage resulting in injury)
- Do not connect to the hot water supply.
- Do not directly pour hot water of 50 °C or higher into the tub.
- This appliance is only suitable for textiles labelled washing machine washable.

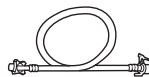
Turn off the water faucet after operation.

(To prevent water leakage)

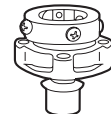


Accessories

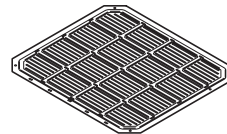
- Water supply hose (1)



- Water tap adaptor (1)



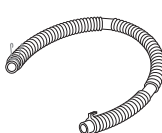
- Bottom cover (1)



- Screw (6)
For the bottom cover



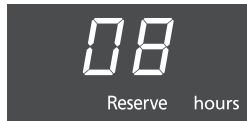
- External drain water hose (1)



Operation Panel

Reserve

Set the time to finish washing (in hours).



e.g.) 8 hours later

- Setting range: 2 - 24 hours later, in one-hour increments. (3 - 24 hours later for the Soak program)
- Not available for the following programs: Delicate, Air Dry, Tub Hygiene

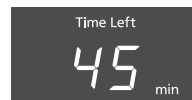
Water level/ remaining time



Indicates the selected program (No.)



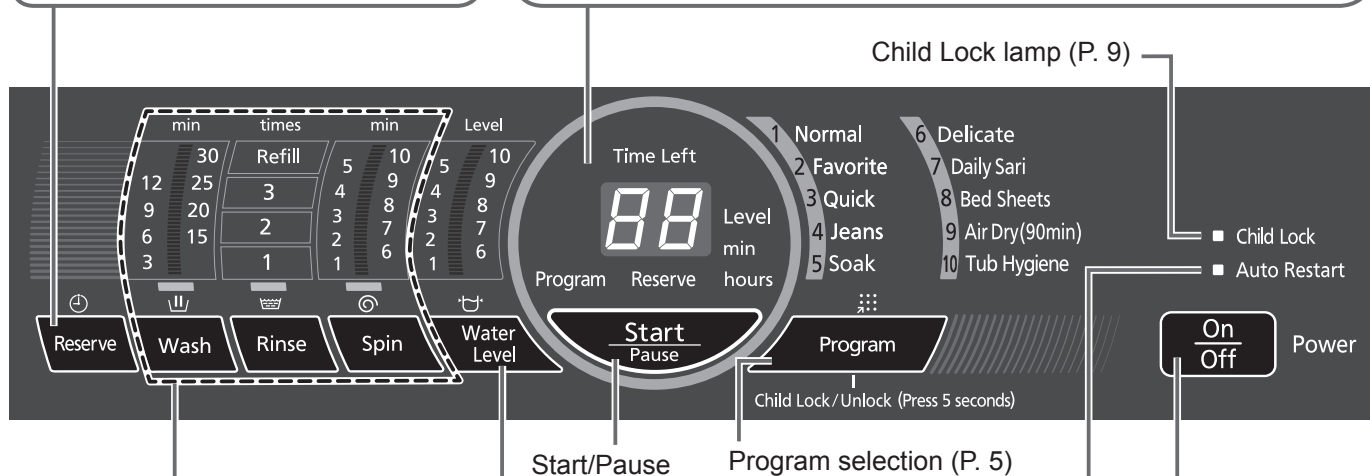
After starting operation, indicates the water level according to the amount of laundry.



Indicates the approximate remaining time (min).

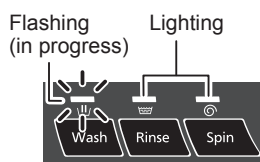
Water level/ water amounts

Water Level	Water amounts		
	NA-F70B7	NA-F65B7	NA-F62B7
10	52 L	48 L	46 L
9	48 L	44 L	
8	42 L		
7	39 L		
6	37 L		
5	35 L		
4	32 L		
3	31 L		
2	29 L		
1	20 L		



Change process settings

Change the combination of wash, rinse and spin processes, and the time length or number of times for individual processes. (P. 9)



- After starting operation, you can change settings only during wash process by pressing "Start/Pause".

Change water level

During the wash process, press "Water Level" to change the water level.

- Some water levels cannot be selected depending on the program.
- Press "Water Level" to check the water level.

Auto Restart lamp

In case of a power failure during operation, operation will resume from the point where it was stopped when the power is recovered. The lamp lights up when the operation resumes.

Power On/Off

The power turns off automatically if you do not press "Start"/"Pause" within 10 minutes after power-on.

Variety of Programs

Program	Purpose	Maximum capacity		
		NA-F70B7	NA-F65B7	NA-F62B7
1 Normal* (P. 7)	Everyday clothes • Daily washing	7.0 kg	6.5 kg	6.2 kg
2 Favorite* (P. 8)	Everyday clothes • Washing with your saved preferred settings	7.0 kg	6.5 kg	6.2 kg
3 Quick (P. 7)	Speedy washing for light soil	2.0 kg	2.0 kg	2.0 kg
4 Jeans* (P. 7)	Jeans & heavily soiled clothes • Washing with powerful swirling water	7.0 kg	6.5 kg	6.2 kg
5 Soak* (P. 7)	Heavily soiled clothes • Presoaking to wash	7.0 kg	6.5 kg	6.2 kg
6 Delicate (P. 8)	Delicates • Washing delicates gently	3.5 kg	3.5 kg	3.5 kg
7 Daily Sari (P. 7)	Sari washing	1.2 kg	1.2 kg	1.2 kg
8 Bed Sheets (P. 8)	Bed sheets	4.2 kg	4.2 kg	4.2 kg
9 Air Dry (90 min) (P. 9)	Drying synthetic fibre clothes	2.0 kg	2.0 kg	2.0 kg
	Tub drying	—	—	—
10 Tub Hygiene (P. 11)	Tub cleaning • Preventing black mould and smell	—	—	—

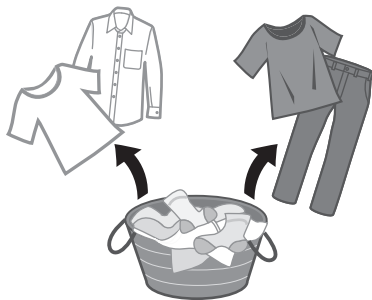
* Anti tangling

Disentangles clothes after spin operation. (Amount of laundry: 1 - 3.5 kg)

- Anti tangling will not work if you change the water level.
- To set to Off, press and hold "Wash" (2 short beeps). To set to On, do the same procedure (4 short beeps).

Laundry preparation and check

For clothes losing colour easily
Wash separately.



Pre-laundry check

To prevent damage to clothes, malfunction and drainage failure

- Remove coins, pins, paper clips, nails, etc.
- Fasten buttons and close zippers.
- Do not wash items (such as paper diapers) other than laundry.
- Reverse clothes with surface likely to flake off.
- Use a brush to remove pet and human hair, sand, etc.
- Tie strings, etc.

For delicate underwear only

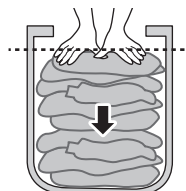
Use laundry nets.

- Underwire brassieres
- Lacy clothes, lingerie and stockings

When using a net

- Do not overpack.
- Put the zipper's slider into the cover.
(To prevent damage to clothes and the main unit)
- Do not use the Air Dry program.
(To prevent uneven drying and wrinkles)

After loading clothes, press them from above.



For heavily stained clothes and stained white clothes
The following pretreatments are effective.

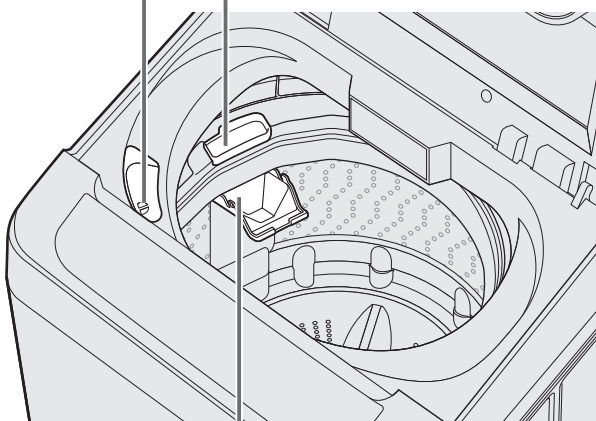
- Hand wash them first.
- Apply stain remover to stained areas.

Detergent

Put in detergent, bleach or softener at described location.

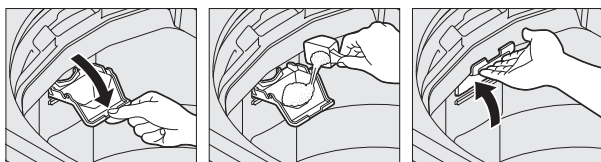
■ Liquid detergent/liquid bleach

■ Softener

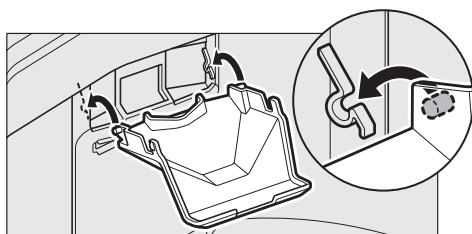


■ Powder detergent/powder bleach

- Close the cover securely after putting in.



- Attach the detergent inlet cover if it comes off.



NOTE

- Turn the tub by hand if it is difficult to put in the detergent inlet or softener inlet. (P. 9)

Detergent

Do not put detergent directly into the tub.

Detergent may remain undissolved.



NOTE

- If powder detergent is poorly soluble, put detergent in the detergent inlet.
- Do not put in too much detergent.
- The level of foaming depends on condition such as load size, degree of soiling, detergent type, and water hardness.

Softener

- Softener is automatically released during the final rinse process.
- To add softener during operation, press "Pause" first.
- Up to about 40 ml can be added.

NOTE

- If "Pause" is pressed during spin cycle, the softener will be added too early and its effectiveness will decrease.
- The softener will not be added automatically if not put in by the time wash process is complete.

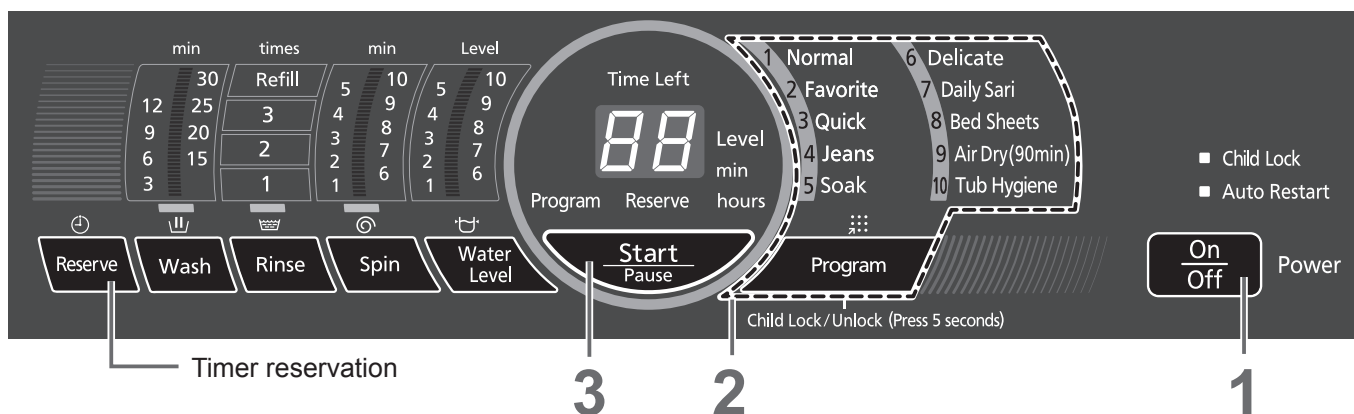
Bleach

- Do not use whiten bleach (chlorine bleach) for coloured clothes to prevent loss of colour.
- Do not use bleach for the Delicate program.

Washing

Preparation:

- Check if the washing machine is properly installed. (P. 12)
- Turn on the water faucet.



1 After loading laundry
Turn the power on.

2 **Select a program.**
 (P. 5)
 e.g.) Normal program

■ Timer reservation

3 **Start.**
 The pulsator moves without water and measures the amount of laundry (approx. 5 seconds).
 ▼
Water level indication
 (approx. 5 seconds)
 ▼
 Remaining time indication
 • To check the water level
 → Press "Water Level".

4 **Put in detergent.**
 • Approx. 20 seconds after the water level is displayed, water supply begins.

5 **Close the lid.**
 Operation ends with beeps.

Set how many hours later to finish operation. (P. 4)



- 2 minutes after start, all indications except "Reserve" turn off.
- To confirm after the timer has been set, press "Reserve".
- To cancel or change, press "On/Off".
- The hours that can be set differ depending on the program.

■ After pressing "Start"

- You can change the water level until the end of the wash process.
- You can change each of the "Wash", "Rinse" and "Spin" operation contents until the end of the wash process. Press "Pause" beforehand.
- You cannot change the program.
- When using the Soak program, the remaining time will be displayed (when 90 minutes or less).



Detergent

Washing

Washing Options

Favorite

Use this program to save your preferred settings.

1 After loading laundry
 **Turn the power on.**

2  **Select Favorite program.**


3 **Select the preferred setting.**


4  **Start.**

5 **Put in detergent.**

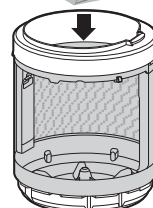
6  **Close the lid.**
Operation ends with beeps.

NOTE

- Not available for the following settings:
 Reserve, Water Level

Delicate

Use this program to gently wash delicate clothes and stylish garments.



Load laundry evenly.

- Load lighter items first and press them from above.
- Use laundry nets for delicate underwear only.
- Amount that can be washed at one time:

42 L	3.5 kg
37 L	2.0 kg

NOTE

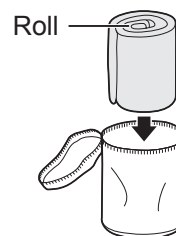
- Do not use bleach.
- Use liquid delicate detergent.
- After operation ends, take out clothes immediately.
 (To prevent wrinkles and colour staining)

Bed Sheets

■ Washable bed sheets

- Material: 100 % synthetic fibre or 100 % cotton
- Weight: 4.2 kg or less
- Bed sheets with a machine-washable tag attached

- Put a bed sheet in the net and load it in the tub.



- The zipper part should face up.
 (To prevent damage to the net)

NOTE

- Use liquid detergent.
- The water level indication shows the maximum and cannot be changed.

Convenient Functions

Air Dry

Water is removed from clothes by the air blown from the tub rotation.

■ Clothes that can be dried

- Material: Synthetic fibre
- Weight: 2 kg or less

1 After loading clothes and closing the lid
 **Turn the power on.**

2  **Select Air Dry program.**


3  **Start.**

After 90 minutes, drying ends with beeps.

NOTE

- Clothes may not be sufficiently dried depending on the amount and type of clothes, the temperature, and the installation condition of the washing machine.
- Since no heater is used for this function, you may feel that clothes are cold and half dry.

Wash / Rinse / Spin

Preparation: Turn on the water faucet.

1 After loading laundry
 **Turn the power on.**

2 According to your purpose
Change process settings.

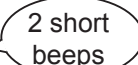

3 After closing the lid
 **Start.**

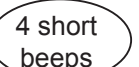
Operation ends with beeps.

Cancelling end buzzer

1  **Pressing down,**
 **press.**

Then hold on for

3 seconds. 

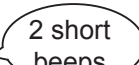
- To reset, do the same procedure. 

Setting Child Lock

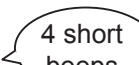
To prevent children from falling into the tub and drowning, if the lid is opened while the washing machine is operating, this function sounds a buzzer until it is closed. Not closing it within 10 seconds flushes the water out.

- This function does not lock the lid and button operations.
- When water is drained forcibly, "U 99" is displayed. (P. 14)

1 After closing the lid
 **Turn the power on.**

2  **Press and hold for**
5 seconds. 

 **Child Lock** 

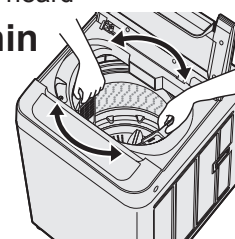
- To cancel, do the same procedure. 

Turning the tub by hand

If it is difficult to reach the detergent inlet or lint filter.

1  **Turn the power on.**

2 When a clicking sound is heard
Turn the tub within
20 seconds.



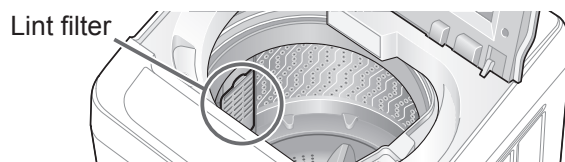
NOTE

- If there is water in the tub, the tub cannot be turned.

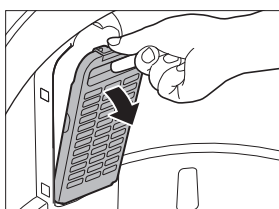
Maintenance

Lint filter

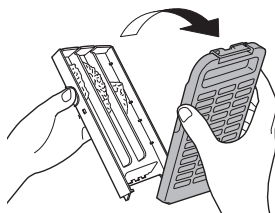
After each operation



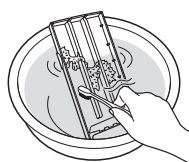
1 Remove the filter.



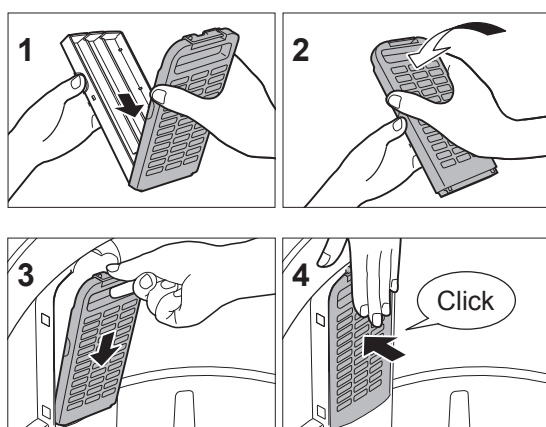
2 Open the filter and remove lint.



- If lint is difficult to remove, soak and wash the filter in water.



3 Attach the filter in its original position.



NOTE

- Do not wash laundry without the filter.
(To prevent damage to clothes)
- Turn the tub by hand if it is difficult to remove the filter.
- If the filter is broken, purchase a new one at nearest Panasonic Service Centre.

Main unit, lid

If stained with detergent or softener

Wipe with a soft cloth.

(To prevent damage to resin parts or metal corrosion)

- For heavy soil, wipe with a neutral kitchen detergent.
- Do not splash water.

Water supply filter

If water does not flow smoothly

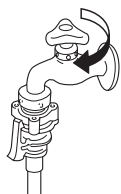
- Follow the procedure below to prevent splashing of water.

1

After turning off the water faucet



Turn the power on.



2



Start.

3

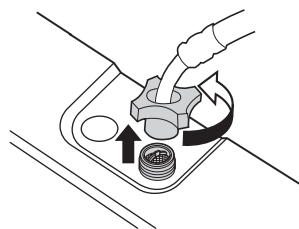
After approx. 40 seconds



Turn the power off.

4

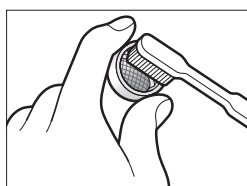
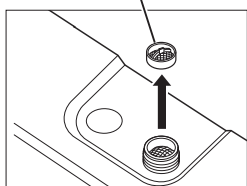
Loosen the nut and remove the hose.



5

Remove the filter and remove dirt on the filter.

Water supply filter



6

Reattach the filter to its original position.

Tub

Once a week <Air Dry>

1

After operation ends

Run the Air Dry program without loading laundry. (P. 9)

Once a month <Tub Hygiene>

Preparation: Turn on the water faucet.

1

Without loading laundry

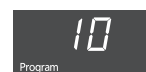


Turn the power on.

2



Select the Tub Hygiene program.



3



Start.



When the tub is filled with water Pause.

4

Put bleach in the tub.

- Use whiten bleach (chlorine bleach).



Approx. 200 ml

5

After closing the lid



Start.



After approx. 2 hours and a half, tub cleaning ends.

Installation

1. Check the location.

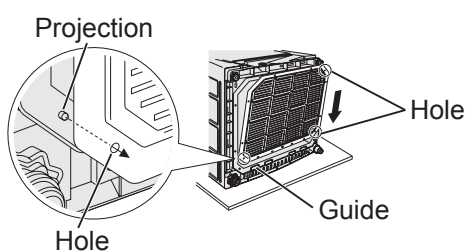
■ Avoid the following locations for installation.

- Uneven or unstable locations
(on blocks, timbers, a table with wheels, etc.)
- Locations with a possibility of freezing

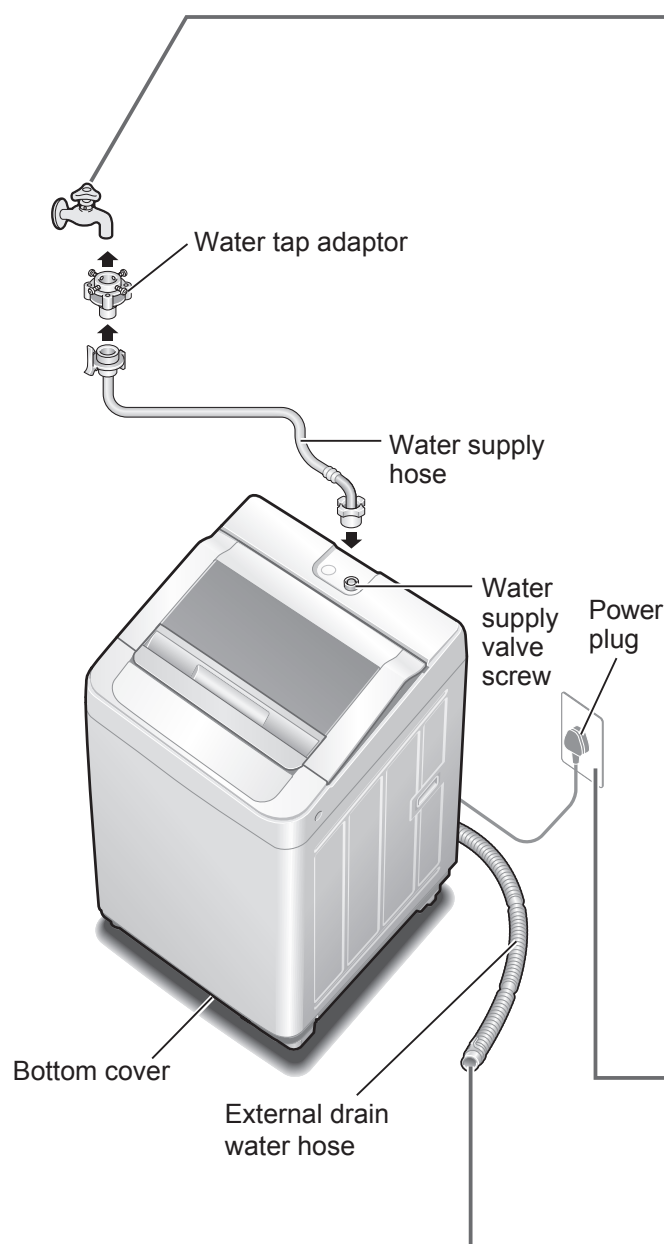
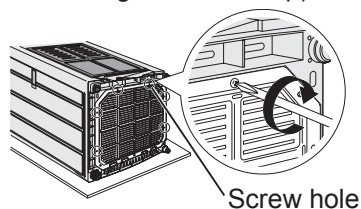
2. Attach the bottom cover.

Preparation: Set a cardboard, etc. and lay the washing machine on it, avoiding product damage and deformation.
(Face the front side down.)

1 Insert the bottom cover along the guides, and set 3 holes to the corresponding projections.

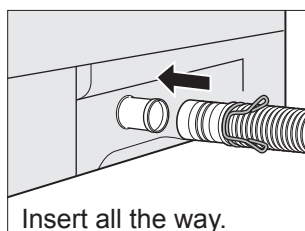


2 Fix with screws. (6 locations for right, left and top)



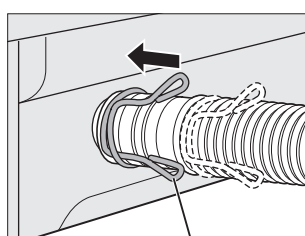
3. Attach the external drain water hose.

1 Connect.



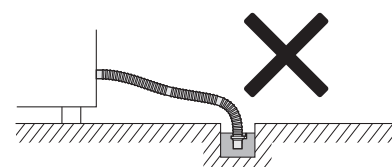
2 Slide the hose band in the arrow direction.

- Slide all the way until it stops.

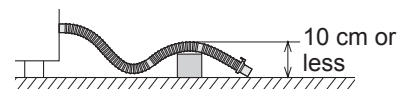


NOTE

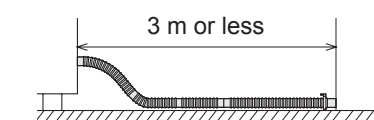
- Do not put the hose tip under water.



- Do not raise the hose higher than 10 cm above the floor.



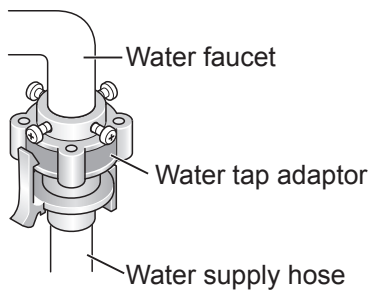
- Do not extend the overall length to more than 3 m.



Make sure to ask a service person for installation.

- Do not install by yourself.
- If the installation, test run and inspection of the washing machine are not carried out following this installation method, Panasonic will not be liable for any accident or damage caused.

4. Connect the water tap adaptor and water supply hose.

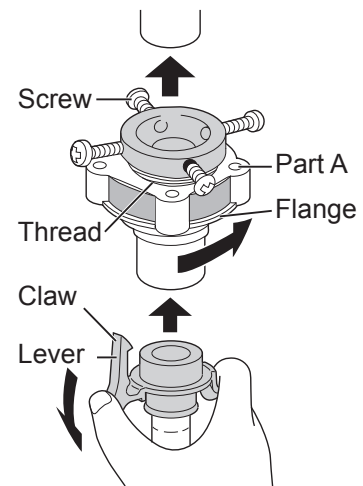


CAUTION

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

1 Connect the water tap adaptor to the water faucet.

- 1 Turn part A to the left until approx. 4 mm of the thread becomes visible.
- 2 Loosen the 4 screws.
- 3 Connect to the faucet and tighten the screws.
- 4 Turn part A to the right and tighten securely. (To prevent water leakage)

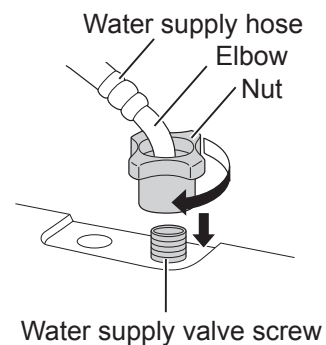


2 Connect the water supply hose to the water tap adaptor.

Insert the hose into the adaptor while pushing down the lever, and hook the claw of the lever on the flange of the adaptor.

3 Connect the water supply hose to the water supply valve screw.

- 1 Hold the elbow and tighten the nut.
- 2 Check that the elbow is not loose.

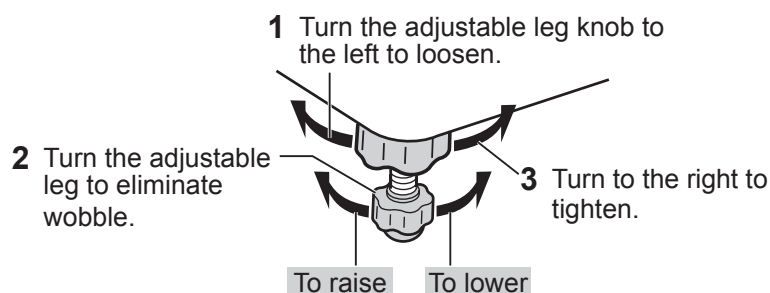


5. Connect the power plug and grounding wire.

- Ask a service person to do the grounding work.

6. Check that the washing machine does not wobble.

- If the washing machine wobbles

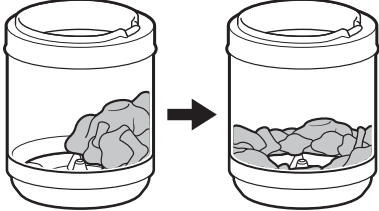


7. Perform a trial operation.

- Check that there is no water leakage, abnormal sounds or error display.

Error Display

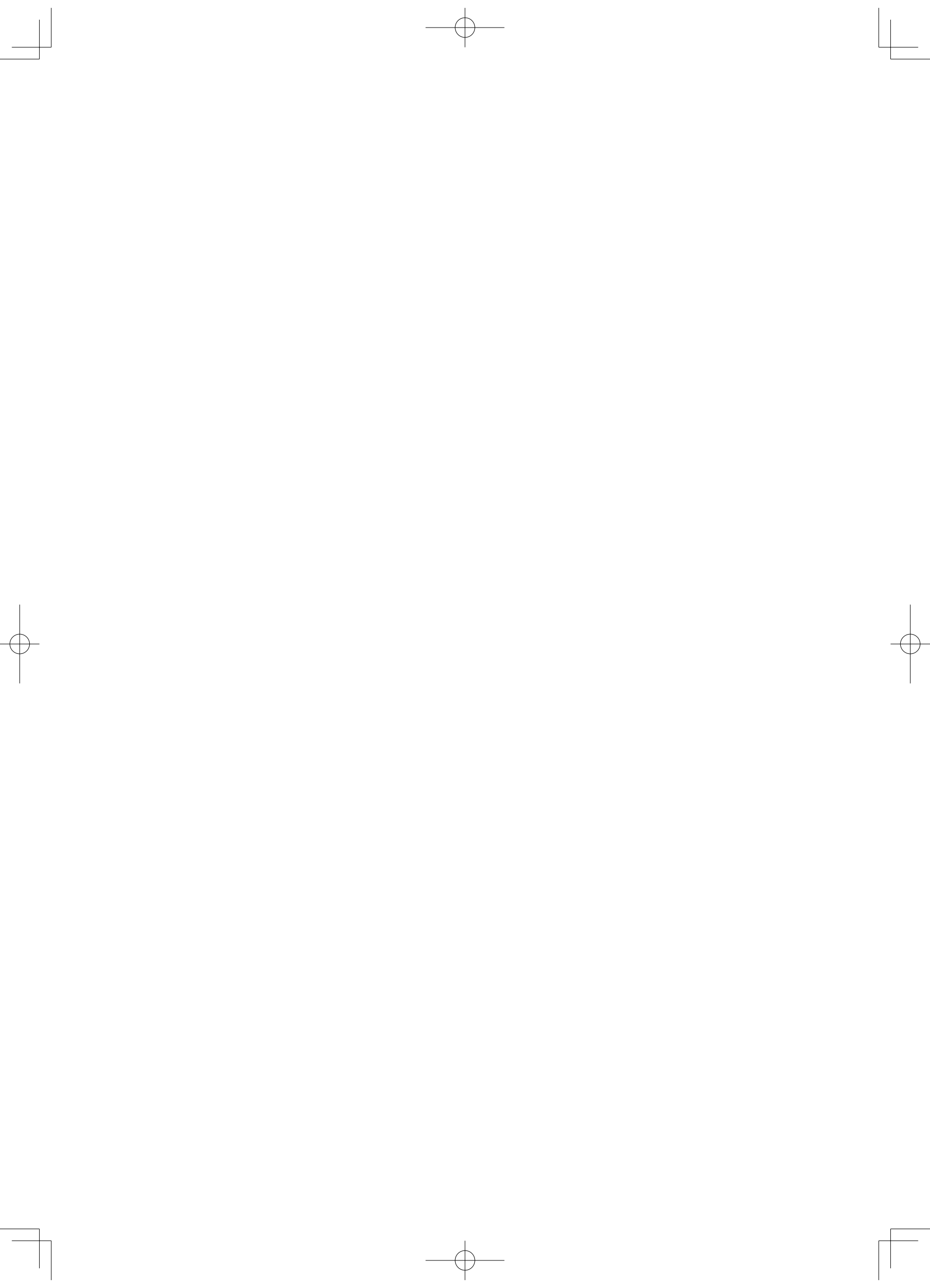
- The buzzer sounds and “U”/“H” and a number are alternately displayed.
- Cancel Child Lock (P. 9) if it is set.

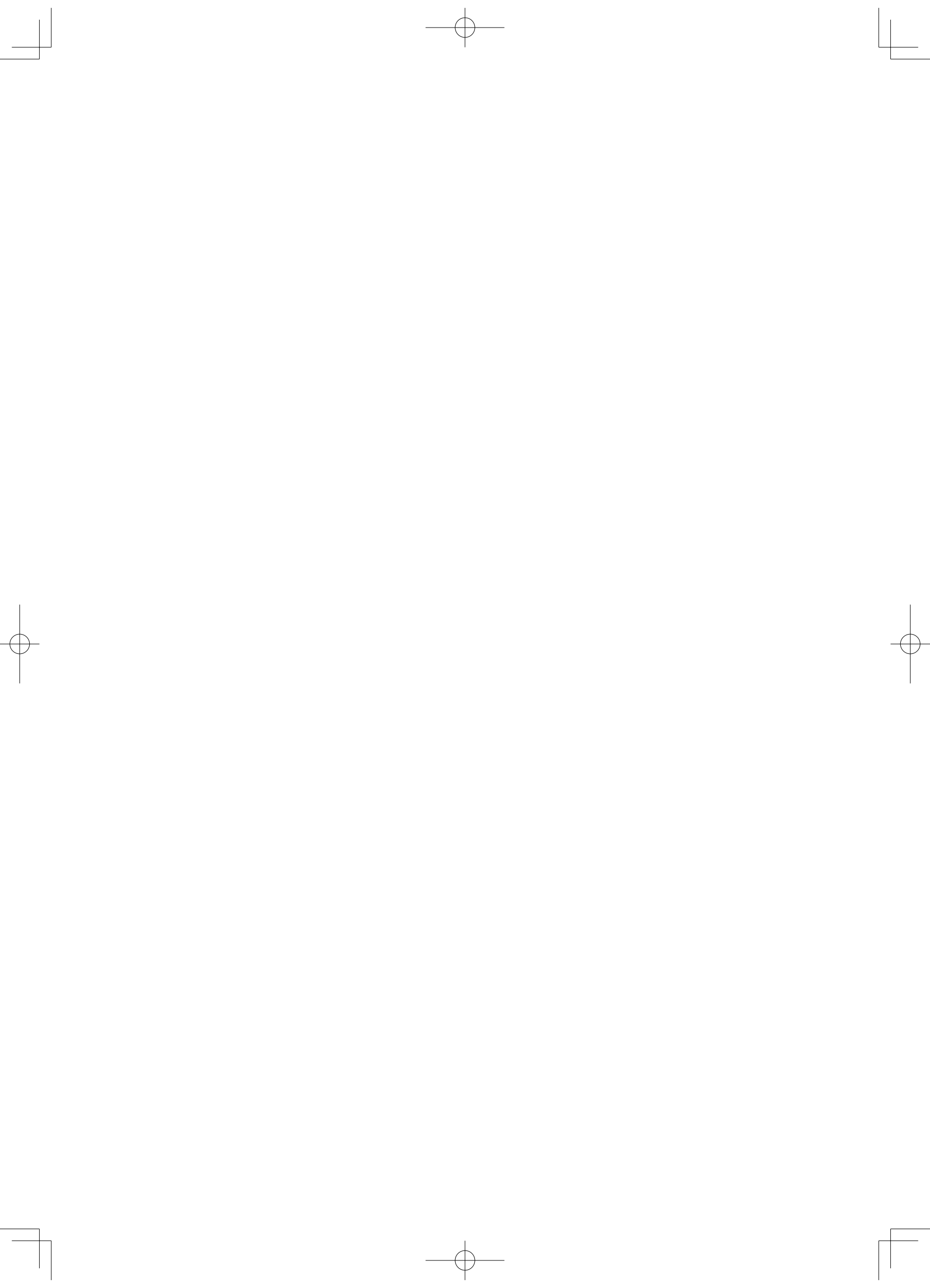
Error display	Points to be checked
U 11	Water cannot drain. Check the drain water hose for the following abnormalities: • Is it crushed? • Is it clogged with lint? • Is the hose tip under water? • Is it partially raised higher than 10 cm above the floor? (P. 12) • Is the total length longer than 3 m (including the extension hose)? (P. 12) When the above problems are solved, you can resume operation by opening and closing the lid.
U 12	The lid is open. • Did you try to run the washing machine with the lid open? →Close the lid.
U 13	Spin or Air Dry is not possible. • Are clothes concentrated on one side of the tub? →Distribute the clothes evenly and close the lid. • Is the washing machine installed on an unstable or inclined surface? →You can resume operation by opening and closing the lid. 
U 14	Water cannot be supplied. • Is the water faucet turned on? • Water outage? • Is the water supply filter clogged with dirt? (P. 11) →You can resume operation by opening and closing the lid.
U 99	Water has been forcibly drained. • Water has been forcibly drained because the lid was open for 10 seconds or more with Child Lock (P. 9) set. →Unplug the power cord and plug it in again after 5 seconds.
H □□	Inspection is required. • Turn off the water faucet just to be safe. Then, report the error displayed (2-digit number after “H”) to a service person. Unplug the power cord.

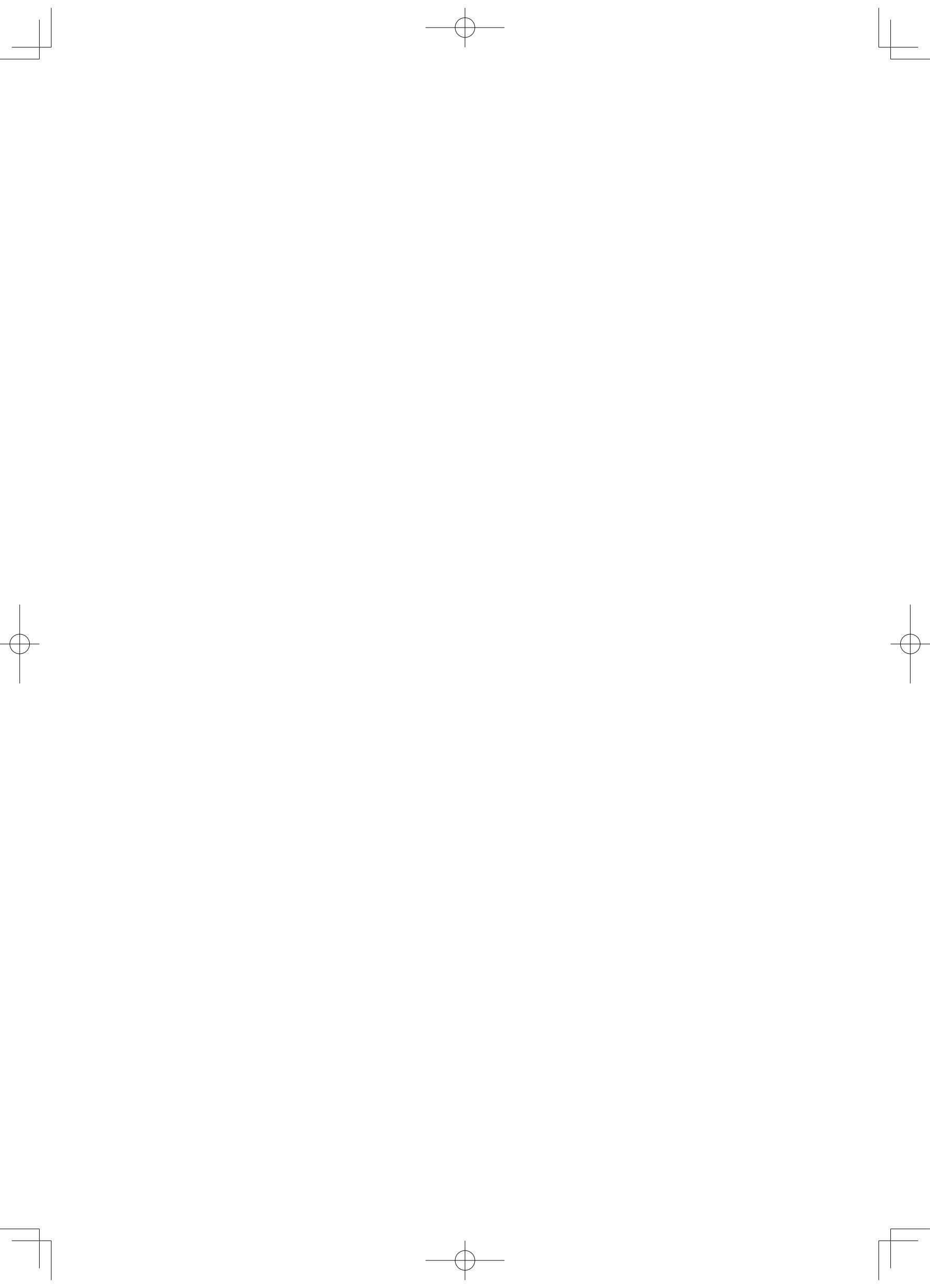
MEMO

This image shows a full page of white paper with horizontal dashed lines, typical of primary-ruled notebook paper. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings present.

Error Display







Troubleshooting

Symptoms		Points to be checked
Time	Time indication increases or does not change	Time indication is approximate. Remaining time is corrected during operation and displayed.
	Operation time is longer than the time indication. Operation does not stop even after the reservation time.	The operation time may be longer if laundry is concentrated on one side or the water supply or drainage is not good. (P. 14 "U 11" "U 14")
Main unit	No operation	- Power failure? - Is the lid closed completely? - Has the power fuse blown or the breaker tripped? - Is the power plug inserted completely? - Is the water faucet turned on? - Did you press "Start"? - Is the timer reservation set?
Wash	No water supply	- Is the water faucet turned on? - Water outage? - Is the water supply filter clogged with dirt? (P. 11)
	Water is supplied in the middle of wash process.	- If the water level drops, water is added automatically. - With a large amount of laundry, water is added several times automatically.
	The water level is too high for the amount of laundry.	If laundry is wet or there is water in the tub before operation, the water level may be higher.
	The water level is too low for the amount of laundry.	With light clothes (of synthetic fibre, etc.), the water level may be lower.
Rinse/Spin	Operation started with rinse, but water is not supplied.	- If there is no water in the tub, water is supplied after spin. - If there is water in the tub, water is supplied after water discharge.
	Operation suddenly changes to rinse process in the middle of spin. Only spin is desired, but operation starts with rinse.	If clothes are concentrated on one side of the tub, the washing machine automatically corrects unevenness by starting rinse process. (Place clothes as evenly as possible.)
	Irregular rotation during spin	The tub rotation speed is adjusted to reduce foaming during spin.
Others	Power failure/ The breaker has tripped.	Operation will resume from the point where it was stopped when the power is recovered (Auto Restart).
	Water outage	When water supply is recovered, remove the water supply hose, release turbid water from the faucet, and then start the washing machine.
	Powder detergent remains undissolved.	Put the detergent in the detergent inlet. (P. 6)

Specifications

	NA-F70B7	NA-F65B7	NA-F62B7
Rated voltage	230 V		
Rated frequency	50 Hz		
Rated power consumption	423 W	408 W	400 W
Standard water amount	52 L	48 L	46 L
Maximum capacity (Dry cloth)	7.0 kg	6.5 kg	6.2 kg
Product dimensions	525 mm (W) x 571 mm (D) x 969 mm (H)	525 mm (W) x 571 mm (D) x 929 mm (H)	
Product weight	31 kg		30 kg
Pressure of tap water	0.03 - 1 MPa (0.3 - 10 kgf/cm ²)		

Disposing of Waste Electrical & Electronic Equipment

Declaration of Conformity with the requirements of the E-Waste (Management) Rules-2016

The Product is in conformity with the requirements of the reduction of hazardous substances of the E-Waste Rules-2016.

The content of hazardous substance with the exemption of the applications listed in SCHEDULE II of the E-Waste Rules-2016:

1. Lead (Pb) – not over 0.1 % by weight;
2. Cadmium (Cd) – not over 0.01 % by weight;
3. Mercury (Hg) – not over 0.1 % by weight;
4. Hexavalent chromium (Cr6+) – not over 0.1 % by weight;
5. Polybrominated biphenyls (PBBs) – not over 0.1 % by weight;
6. Polybrominated diphenyl ethers (PBDEs) – not over 0.1 % by weight.



For the purpose of recycling to facilitate effective utilization of resources, please return this product to a nearby authorized Collection Centre, registered Dismantler or Recycler, or Panasonic Service Centre when disposing of this product.

Customer care number (Toll free): 1800 103 1333
1800 108 1333

Please see the Panasonic website for further information on Collection Centres, etc., or call the toll-free number.
<http://www.panasonic.com/in/corporate/sustainability/panasonic-india-i-recycle-program.html>

Panasonic Corporation

<http://www.panasonic.com>

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