



Operating & Installation Instructions

Fully Automatic Washing Machine
(Domestic use)

Model No.

NA-F70B6
NA-F65B6
NA-F62B6



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When Necessary

**Thank you very much for purchasing
Panasonic Product.**

Before operating this washing machine,
please read these instructions completely,
paying special attention to Safety Precautions.



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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.

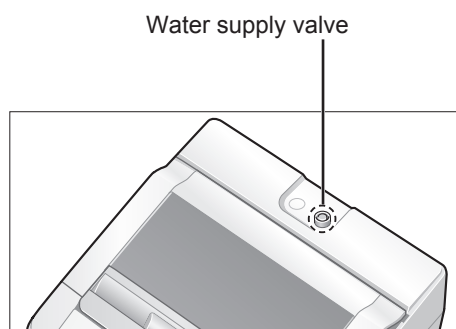
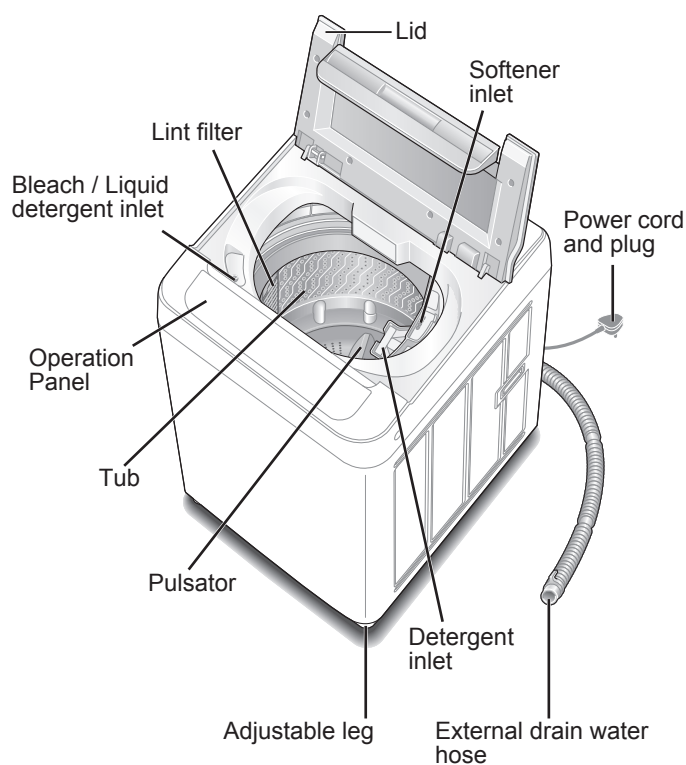
(To prevent malfunction or deformation)

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.

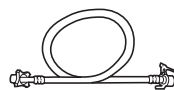
(To prevent water leakage)



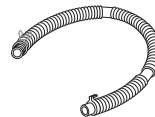
Preparations

Accessories

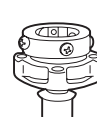
- Water supply hose (1)



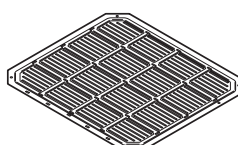
- External drain water hose (1)



- Water tap adaptor (1)



- Bottom cover (1)

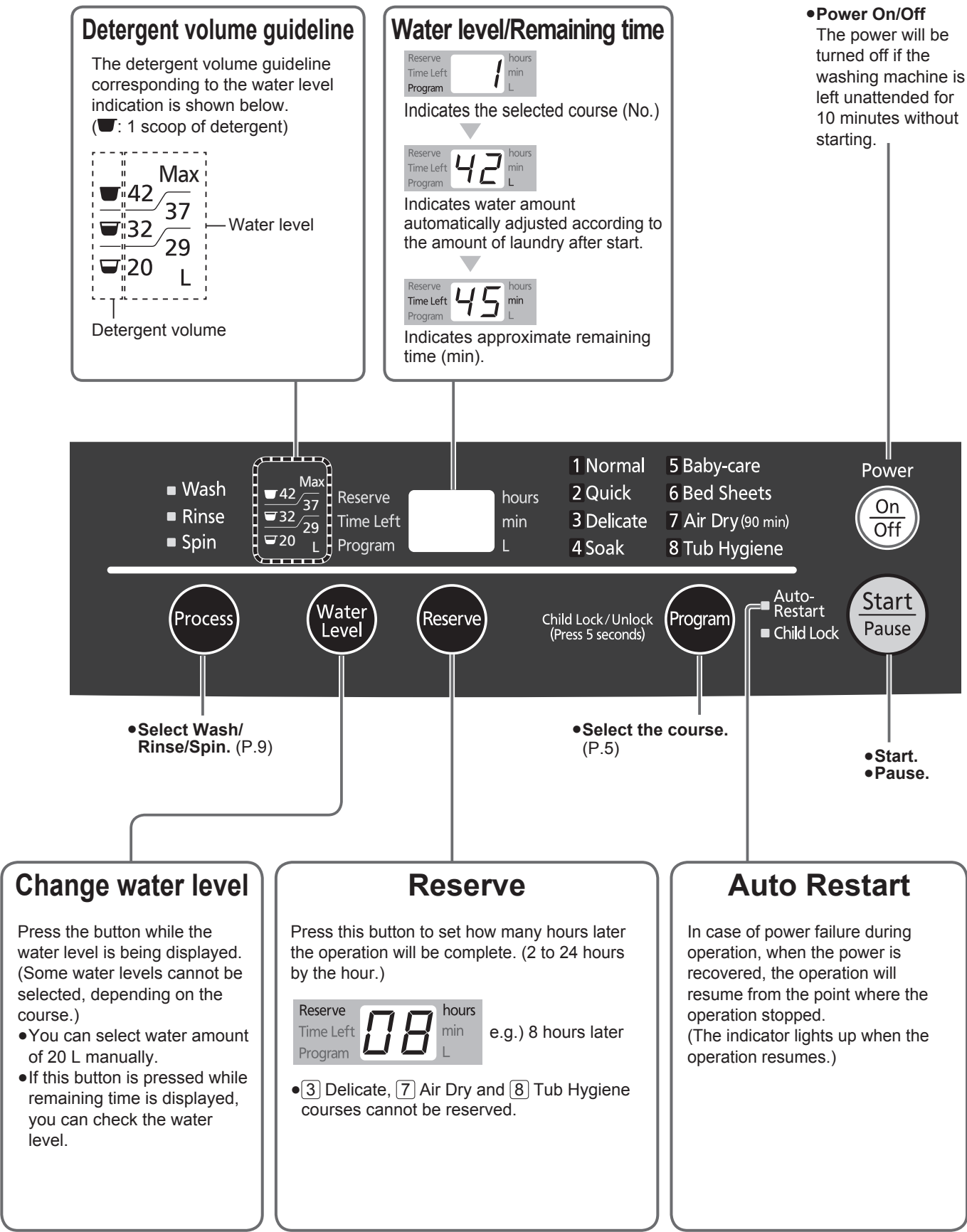


- Screw (6)
• For bottom cover






Operation Panel

•The operation panel for NA-F70B6 is used in this manual.



Variety of Courses

Purpose		Course (Number)	Maximum capacity	NA-F70B6	NA-F65B6	NA-F62B6
Everyday clothes 	Daily washing	▶ 1 Normal (P.7)	7.0 kg	6.5 kg	6.2 kg	
	Speedy washing for light soil		▶ 2 Quick (P.7)	2.0 kg	2.0 kg	2.0 kg
Delicates 	Washing delicates gently	▶ 3 Delicate (P.8)	3.5 kg	3.5 kg	3.5 kg	
Soak (90 min)	Washing heavily soiled laundry	▶ 4 Soak (P.8)	7.0 kg	6.5 kg	6.2 kg	
Clothes for baby & people with sensitive skin	Rinsing thoroughly	▶ 5 Baby-care (P.7)	7.0 kg	6.5 kg	6.2 kg	
Bed Sheets 		▶ 6 Bed Sheets (P.9)	4.2 kg	4.2 kg	4.2 kg	
Tub cleaning	To prevent black mould and smell	▶ 7 Air Dry (P.9) 8 Tub Hygiene (P.11)	—	—	—	
	If black mould or smell is present	▶ 8 Tub Hygiene (P.11)	—	—	—	
Drying synthetic fibre clothes		▶ 7 Air Dry (P.9)	2.0 kg	2.0 kg	2.0 kg	

NOTE

• Normal course is recommended for a normally soiled load at the rated capacity of this washing machine.

Laundry preparation and check

For clothes easily losing colour,
Wash separately.



For heavily stained clothes and stained white clothes

The following pretreatments are effective.

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

Pre-laundry check

■ To prevent malfunction and drainage failure

- Remove metallic fragments and coins.
- Fasten buttons and close zippers.
- Do not wash things (paper diaper, etc.) other than laundry.

■ To prevent damage to clothes

- Reverse fluffy clothes.
- Using a brush, remove hairs of pet and person, or sands, etc.
- Tie strings, etc.

For delicate underwear only

Use laundry nets.

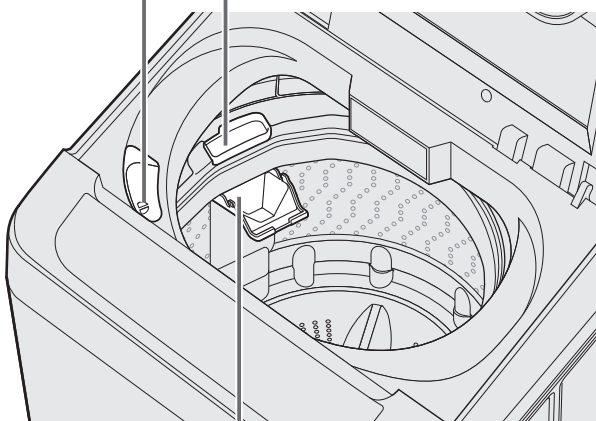
- Underwire brassiere
→ Select **3 Delicate** course.
(To prevent the wire from sticking out)
- Lacy clothes, lingerie and stockings
When using a net
- Do not overpack.
- Put the claw of the zipper into the cover.
(To prevent damage to clothes and main unit)
- Do not use **7 Air Dry** course.
(To prevent uneven dry and wrinkle)

Detergent

Put in detergent, bleach or softener at described location.

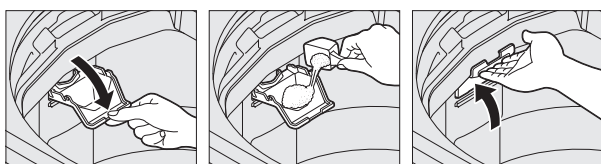
■ Liquid detergent/liquid bleach

■ Softener

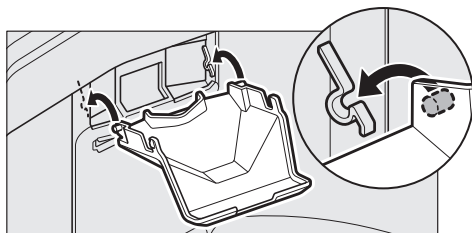


■ Powder detergent/powder bleach

● 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. 10)

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

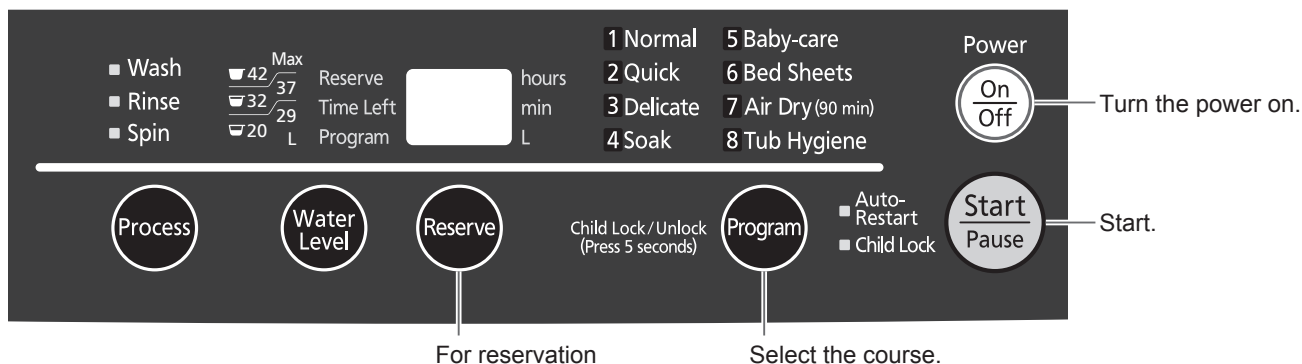
- If "Pause" is pressed during spin cycle, the softener will be added too early and its effectiveness will decrease.
- The softener will not be added automatically if not put in by the time wash process is complete.

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 whether the washing machine has been properly installed. (P.12)
•Turn on the water faucet.



1 **On/Off** After loading the laundry, **turn the power on.**

2 **Program** According to the type of laundry and soil, **select the course.**
e.g.) Normal course

■For reservation (P.4)

- Reserve** After selecting the course, select how many hours later you wish to complete the entire operations. (Indications other than "Reserve" turn off in 2 minutes after start.)
- After reservation is set
 - Change or cancel
 - Press "Off" and do the procedure again.
 - Check the course
 - Press "Program".
 - Check the reservation time
 - Press "Reserve".
 - Check the water level
 - Press "Water Level".

3 **Start/Pause** **Start.**
The pulsator operates without water and measures the load. (approx. 5 seconds)
•When Quick course is selected, the water level is displayed immediately.

Water level indication
(approx. 5 seconds)

Remaining time indication
•To check the water level
→ Press "Water Level".

Water begins to be supplied.

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

5 **Close the lid.**
↓
The operation is complete with the buzzer sound.

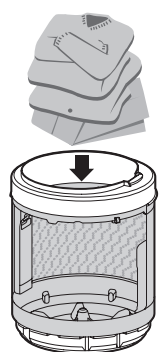
Washing Options

Delicate

This course gently washes delicate clothes and stylish garments.

Load the laundry.

Put in the laundry evenly.



- First, put in things that easily float on the water, and press the laundry from above.
- Use a commercially sold net for delicate clothes.
- Amount of laundry that can be washed at one time

42 L	3.5 kg
37 L	2.0 kg

Preparation: Turn on the water faucet.

1  Turn the power on.

2  Select **3** Delicate course.

3  Start.

4 Put in the liquid detergent.

5 Close the lid.

The operation is complete with the buzzer sound.

- Take out the laundry immediately.
(To prevent wrinkle and colour staining)

NOTE

- Use a liquid detergent for stylish garments.
- Do not use a bleach.

Soak

Preparation: Turn on the water faucet.

1  Turn the power on.

2  Select **4** Soak course.

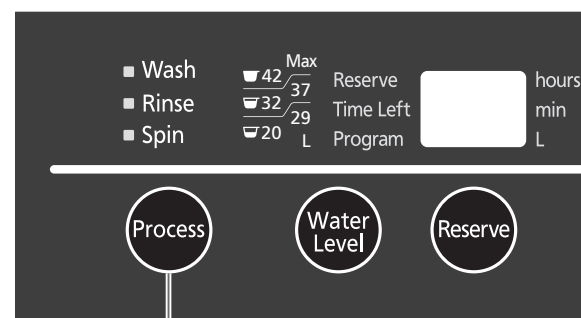
3  Start.

4 According to the water level indication (approx. 5 seconds), put in the detergent.

5 Close the lid.

The operation is complete with the buzzer sound.

- Take out the laundry immediately.
(To prevent wrinkle and colour staining)

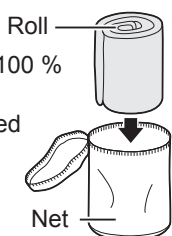


Select operation contents.

Bed Sheets

■ Washable bed sheets

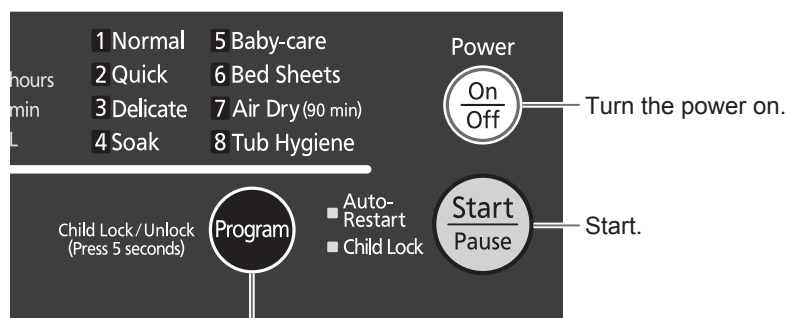
- Material: Synthetic fibre 100 %/Cotton 100 %
- Weight: 4.2 kg max.
- Bed sheets with a washable tag attached



Preparation: Turn on the water faucet.

- After putting the bed sheets included in the net in the tub, **turn the power on.**
 - Face the zipper part of the net up. (To prevent damage to the laundry net)
- Select [6] Bed Sheets course.**
 - The water level indication shows the maximum and cannot be changed.
- Start.**
- Put in the liquid detergent.**
- Close the lid.**

The operation is complete with the buzzer sound.



Select [3] Delicate/ [4] Soak/ [6] Bed Sheets/ [7] Air Dry course.

Air Dry

This extracts water from clothes by air blow utilising the tub rotation. (Agitation is performed approx. every 30 minutes to untangle the laundry.)

■ Clothes that can be dried

- Material: Synthetic fibre
- Weight: 2 kg max.

- After loading the laundry and closing the lid, **turn the power on.**
- Select [7] Air Dry course.**
- After closing the lid, **Start.**

The operation is complete after 90 minutes with the buzzer sound.

NOTE

- The laundry may not be sufficiently dried depending on the amount of the load, type of clothes, temperature, and installation condition of the washing machine. (Since no heater is used for this function, some users may feel the laundry is cold and not dry.)

Wash/Rinse/Spin

Preparation: Turn on the water faucet.

- After loading the laundry, **turn the power on.**
- According to the purpose, **select operation contents.**
 - Change the water level as necessary.
 - You cannot select Rinse alone.
- After closing the lid, **start.**

The operation is complete with the buzzer sound.

Convenient Functions

Cancelling end buzzer

Start **Pause** Pressing down, **On** **Off** press.

Then hold on for 3 seconds.

pi pi

pi pi
pi pi

•To reset, do the same procedure.

Setting Child Lock

If the lid is opened during operation with this function activated, the buzzer continues to beep until the lid is closed. If the lid is opened for 10 seconds or more, the water is forcibly drained.

(To prevent children from falling in the tub and drowning)

- This function does not lock the lid and button operations.
- Set the drain hose in the condition where water can be drained.
- If water is drained forcibly, "U99" is displayed. (P.15)

1 **On** **Off** After closing the lid, turn the power on.

2 **Program** Press 5 seconds. **CL**

pi pi

pi pi
pi pi

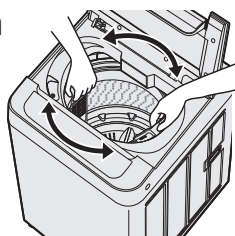
•To cancel, do the same procedure.

Turning the tub with hand

When it is difficult to remove the lint filter or add softener

1 **On** **Off** Turn the power on.

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



NOTE

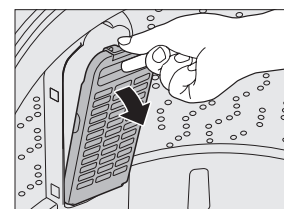
•If there is water in the tub, the tub cannot be turned.

Maintenance

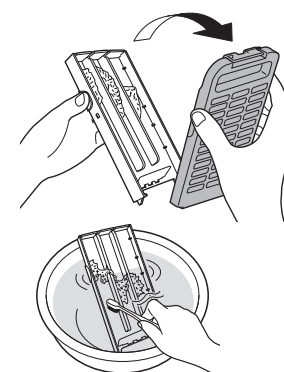
Lint filter

After each operation

1 Hold the upper part and remove.

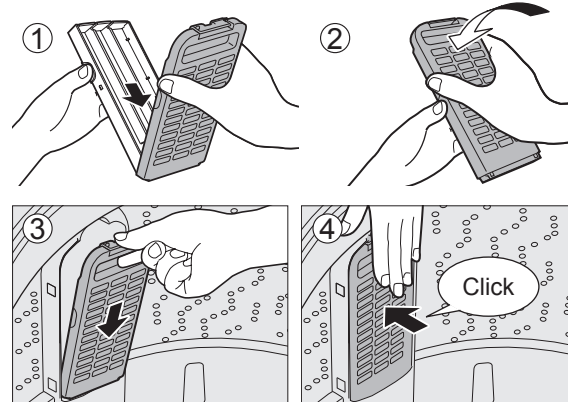


2 Open the filter and remove the lint.



•If removal is difficult, soak the filter in water and wash.

3 Attach to the original position.



NOTE

•Do not wash laundry with the filter removed. (To prevent damage to clothes)

■If removing the filter is difficult

Turn the tub. (See left.)

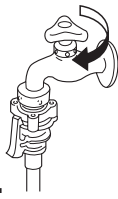



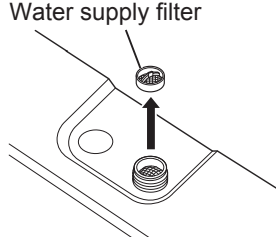

■If the filter is broken

Buy a new filter at nearest Panasonic Service Centre.

Water supply filter

If water does not flow smoothly

- Make sure to observe the following procedure to prevent spatter of water.

- 1 Turn off the faucet.** 
- 2**  **Turn the power on.**
- 3**  After closing the lid, **start.**
- 4**  After approx. 40 seconds, **turn the power off.**
- 5 Loosen the nut.** 
- 6 Remove the hose and water supply filter.** 
- 7 Remove the dust of water supply filter.** 

Main unit/Lid

If detergent or softener stains are found


Wipe with a soft cloth.

(To prevent damage to resin or metal corrosion)

- For heavy soil, use a neutral detergent for kitchen and wipe off.
(Do not use other detergents or directly pour water.)

Tub <Air Dry/Tub Hygiene>





Once a week (Dry)

- After operation is complete, **operate the washing machine with  Air Dry course without laundry in the tub. (P.9)**



Once a month (Wash)

Preparation: Turn on the water faucet.

- 1**  **Turn the power on without laundry in the tub.**
- 2**  **Select  Tub Hygiene course.** 
- 3**  **Start.**
- 4**  When water supply is complete, **pause.**
- 5 Put the bleach in the tub.** 
•Use whiten bleach (chlorine bleach).
Approx. 200 ml
- 6**  After closing the lid, **start.**

The operation is complete after approx. 2 and half hours.

When Necessary

Installation

■ 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.

■ Make sure to ask a service person for installation. Do not install by yourself.

1. Check the installation location.

■ Avoid the following locations for installation.

- Locations where there is a possibility of freezing.
- Locations exposed to direct sunlight
(To prevent malfunction or deformation)
- Uneven or unstable locations
(on blocks, timbers, table with wheels attached, etc.)

NOTE

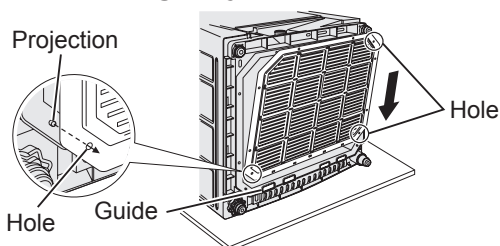
- Do not block the opening of the bottom face with carpet, etc.

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

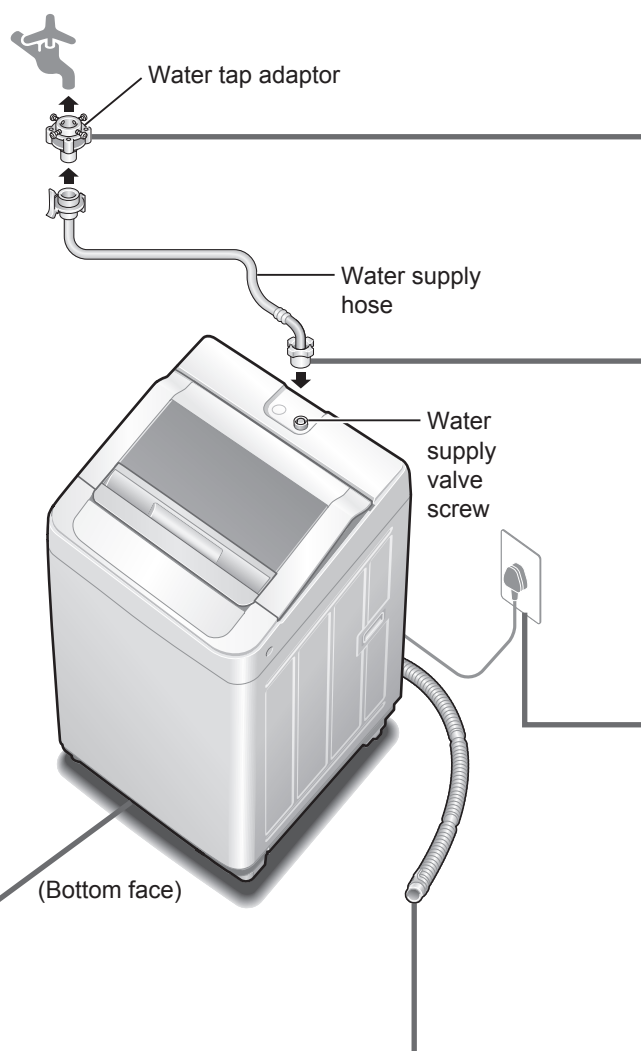
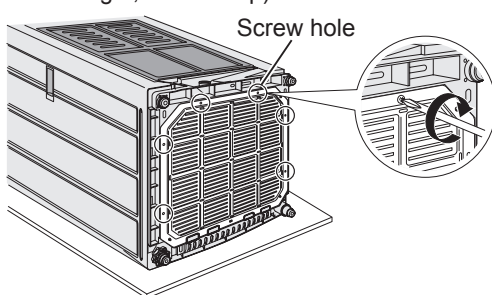
Insert along the guides, and set 3 holes to the corresponding projections.



2

Fix with screws.

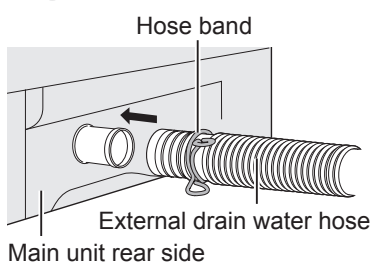
(6 locations for right, left and top)



3. Attach the external drain water hose.

1

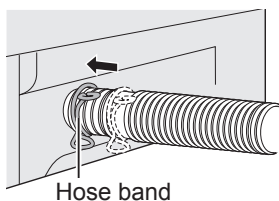
Connect to the connection port.



- Insert all the way seated.

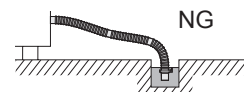
2

Slide the hose band in the arrow direction.

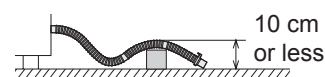


■ Hose arrangement

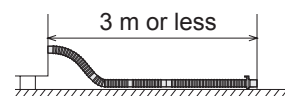
- Do not put the hose tip under the water.



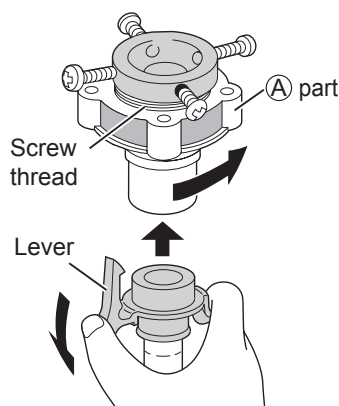
- The height should be 10 cm or less.



- The extension length should be 3 m or less.



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



1

Connect the water tap adaptor to the faucet.

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

2

Fix.

- Turn (A) part to the right side and tighten securely.
(To prevent water leak)

3

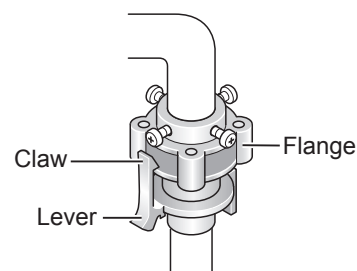
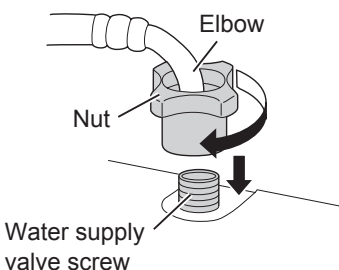
Connect the water supply hose to the water tap adaptor.

- Pushing down the lever, insert and hook the claw of the lever on the flange of the adaptor.

4

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

- Slightly lift up the elbow and tighten the nut.
- Check if the elbow is not loose.



CAUTION

- **Tighten the nut firmly.**
(To prevent water leak)
- **Do not forcibly bend the water supply hose.**
(To prevent water leak caused by the bent hose)

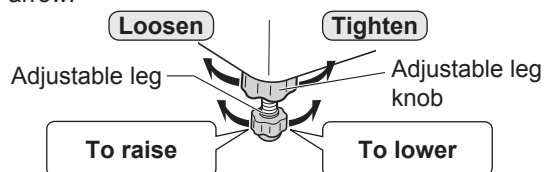
5. Connect the power plug and grounding wire.

- Ask a service person for grounding work.

6. Check the horizontal state.

■ Adjusting height with the adjustable leg knob.

- 1) Turn the adjustable leg knob to the left side and loosen as indicated with the left pointing arrow. Then, turn the adjustable leg to adjust the levelness.
- 2) Turn the adjustable leg knob to the right side and tighten securely as indicated with the right pointing arrow.



When Necessary

7. Perform a trial operation.

- Check if there is no water leakage, abnormal sound or error messages.

Troubleshooting

Check the following before requesting service.







	Symptoms	Checkpoints
Time	Remaining time fluctuates.	<ul style="list-style-type: none"> • Remaining time is corrected during the process and displayed. (Time indication is an approximation.)
Main unit	No operation.	<ul style="list-style-type: none"> • Power failure? • Is the lid closed completely? • Is the power fuse or the breaker cut off? • Is the power plug plugged in completely? • Is the water faucet turned on? • Is the "Start" button pressed? • Has the Reserve program been set?
	Cannot change the operation contents. (after start)	<ul style="list-style-type: none"> • The contents can be changed in Wash process by pressing "Pause". To change the course or to change the contents after Rinse process, turn the power off and then on again.
Wash	No water supply.	<ul style="list-style-type: none"> • Is the water faucet turned on? • Water failure? • Is the water supply filter clogged with dust? (P.11)
	Water is supplied in the middle of Wash process.	<ul style="list-style-type: none"> • When level goes down, water is supplied automatically. • With large amount of laundry, water is supplied several times automatically.
	The water level is too high for the amount of laundry.	<ul style="list-style-type: none"> • If the laundry is wet or if 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.	<ul style="list-style-type: none"> • With light clothes (synthetic fibre, etc.), the water level may be lower.
Rinse/Spin	The operation started with Rinse process, however, water is not supplied.	<ul style="list-style-type: none"> • 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.
	The operation suddenly changes to rinse process in the middle of spin process./ Only spin is desired, however, the operation starts with rinse.	<ul style="list-style-type: none"> • If the laundry is unevenly placed in the tub, the machine starts to rinse and automatically corrects the arrangement. (Put the laundry as evenly as possible.)
	Irregular rotation during spin.	<ul style="list-style-type: none"> • The tub rotation speed is adjusted to reduce bubble foaming during spin.
Others	Power failure./ The breaker has tripped.	<ul style="list-style-type: none"> • The operation will stop. When power is recovered, the operation will resume. ("Auto Restart" indicator lights up.)
	Water failure.	<ul style="list-style-type: none"> • After water supply is recovered, remove the water supply hose to release muddy water from the faucet, and start the operation.
	Operation does not finish even after the reservation time.	<ul style="list-style-type: none"> • Operation time will become longer if laundry leans to one side or water supply or drainage is ill-conditioned.

Error Messages

If the buzzer sounds and “U”/“H” and “Number” are alternately displayed, check the following.

* If the problem persists or any other malfunctions occur, pull out the power plug and contact a service person for service.

•Cancel Child Lock (P.10) when it is active.

Symptoms	Checkpoints
 Water cannot be drained.	<ul style="list-style-type: none"> ■ Check the drain water hose for the following abnormality. <ul style="list-style-type: none"> • Is it crushed? • Is lint clogged? • Is the tip soaked in water? • Is a part of hose at a height of over 10 cm midway? (P.12) • Is the extension hose longer than 3 m? (P.12) <p>The operation will resume by opening/closing of the lid.</p>
 The lid is open.	<ul style="list-style-type: none"> • Is the lid open?
 Spin or Air Dry does not work.	<ul style="list-style-type: none"> • Is the laundry on one side? → Arrange the laundry evenly in the tub, and then close the lid. • Is the washing machine on an unstable location or inclined floor surface? → The operation will resume by opening/closing of the lid.
 Water cannot be supplied.	<ul style="list-style-type: none"> • Is the water faucet turned on? • Water failure? • Is the water supply filter clogged with dust? (P.11) <p>The operation will resume by opening/closing of the lid.</p>
 (No text below display)	<ul style="list-style-type: none"> • Water is forcibly drained since the lid has been open for 10 seconds or more with Child Lock (P.10) function set. → Pull out the power plug and reconnect after 5 seconds.
 (No text below display)	<ul style="list-style-type: none"> • 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.

When Necessary

Specifications

	NA-F70B6	NA-F65B6	NA-F62B6
Rated voltage	230 V		
Rated frequency	50 Hz		
Rated power consumption	423 W		
Max. water amount	52 L	48 L	46 L
Maximum capacity	7.0 kg	6.5 kg	6.2 kg
Product dimensions	525 mm (W) × 571 mm (D) × 969 mm (H)	525 mm (W) × 571 mm (D) × 929 mm (H)	
Product weight	31 kg	30 kg	
Pressure of tap water	0.03 - 1 MPa (0.3 - 10 kgf/cm ²)		