

Panasonic®

**Operating & Installation
Instructions**

Fully Automatic Washing Machine
(Domestic use)

Model No.



**NA-F70B5
NA-F65B5
NA-F62B5
NA-F62B3**

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Preparations

How to Use

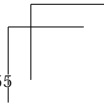
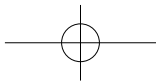
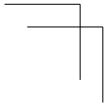
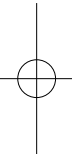
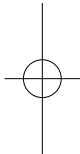
When Necessary

**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

To prevent the risk of danger to humans or property damages, make sure to follow the precautions described below.

■ The descriptions are classified according to the degree of harm or damage caused by misuse.



WARNING

May cause serious injury or death.



CAUTION

May cause minor or moderate injury or property damage.



WARNING

■ For Power Plug and Cord

Prohibited matters

(To prevent fire or electric shock)

- Do not damage, modify, immoderately bend, twist, pull, or bundle them. Do not put them close to heating appliances. Do not put anything heavy on them.
- Do not connect/disconnect them with wet hand.
- Do not hold the cord when pulling out of the socket.
- Do not use a damaged cord and power plug. Also, do not use them when the socket is loose.

Matters to be observed

(To prevent fire or electric shock)

- Use a socket solely that satisfies the rating requirement. (Using in combination with other appliances could cause fire.)
- Insert the power plug all the way seated.
- Wipe the plug periodically with dry cloth. (Accumulated dust collects moisture, which may cause insulation failure, resulting in fire.)
- Pull out the cord before cleaning or when not used for a long period of time.
- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons to avoid a hazard.

In case of emergency or operation failure, stop using the washing machine immediately and pull out the power plug.

(To prevent fume, fire or electric shock)

- No operation even at power on, accumulated dust and moisture on the power plug, abnormal sound in operation, burnt odour, etc.

→ Consult a service person for inspection and repair immediately.



■ For Tub and Main Unit

Do not allow children to use 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.

Never disassemble, repair or remodel.

(To prevent fire or abnormal operation, resulting in injury.)

Keep fire away from the main unit.

(To prevent fire)

Do not touch the tub until it completely stops.

(Your fingers may be entangled in the laundry even during slow rotation, resulting in injury.)

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

Do not splash water over the washing machine. Do not install at a damp place or a place which may be exposed to rain, water, etc.

(To prevent electric shock or fire)

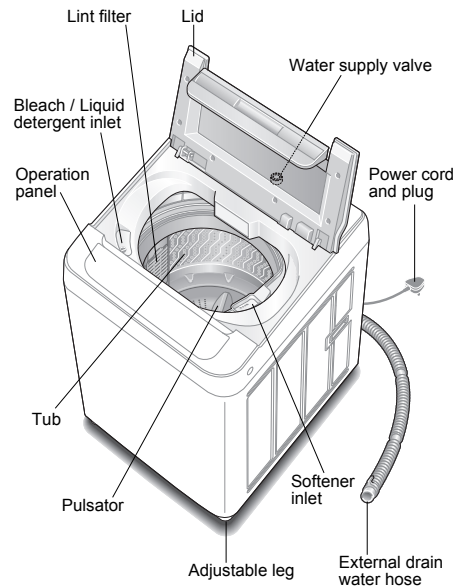
- Balcony, bathroom, etc.

Make sure to provide a ground.

(To prevent electric shock by short circuit)

- Ask a service person for grounding work.

Part Names



■ During Use

Do not put in flammable things or clothes with such things attached. Keep them away from the washing machine.

(To prevent explosion or fire)

- Kerosene, gasoline, benzine/thinner, alcohol, etc.

Keep away magnetic objects such as magnet from the operation panel.

(The tub may rotate even with the lid open, resulting in injury.)



CAUTION

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

(Intense vibration during spin or falling of the machine may result in injury, damages to the main unit, wall, floor, etc., damage to the laundry, water leakage, etc.)

- Raincoat, wet suit, diaper cover, car cover, waterproof sheet, etc.

Prohibited matters

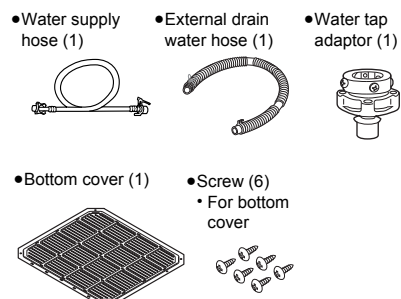
- The new hose-sets supplied with the appliance are to be used and the old hose-sets should not be reused.
- Do not insert your hand or foot under the main unit. (To prevent from getting caught in the rotation part, resulting in injury.)
- Do not climb up or put heavy things on the washing machine.
- If the lid is broken, stop using this machine immediately. (To prevent deformation and breakage, resulting in injury)
- Do not connect to a water heater or directly pour water of 50 °C or more into the tub. (The plastic parts may be deformed, resulting in electrical leakage or electric shock.)
- Do not install at uneven or unstable locations.

Turn off the water faucet after operation is complete.

(To prevent water leakage)

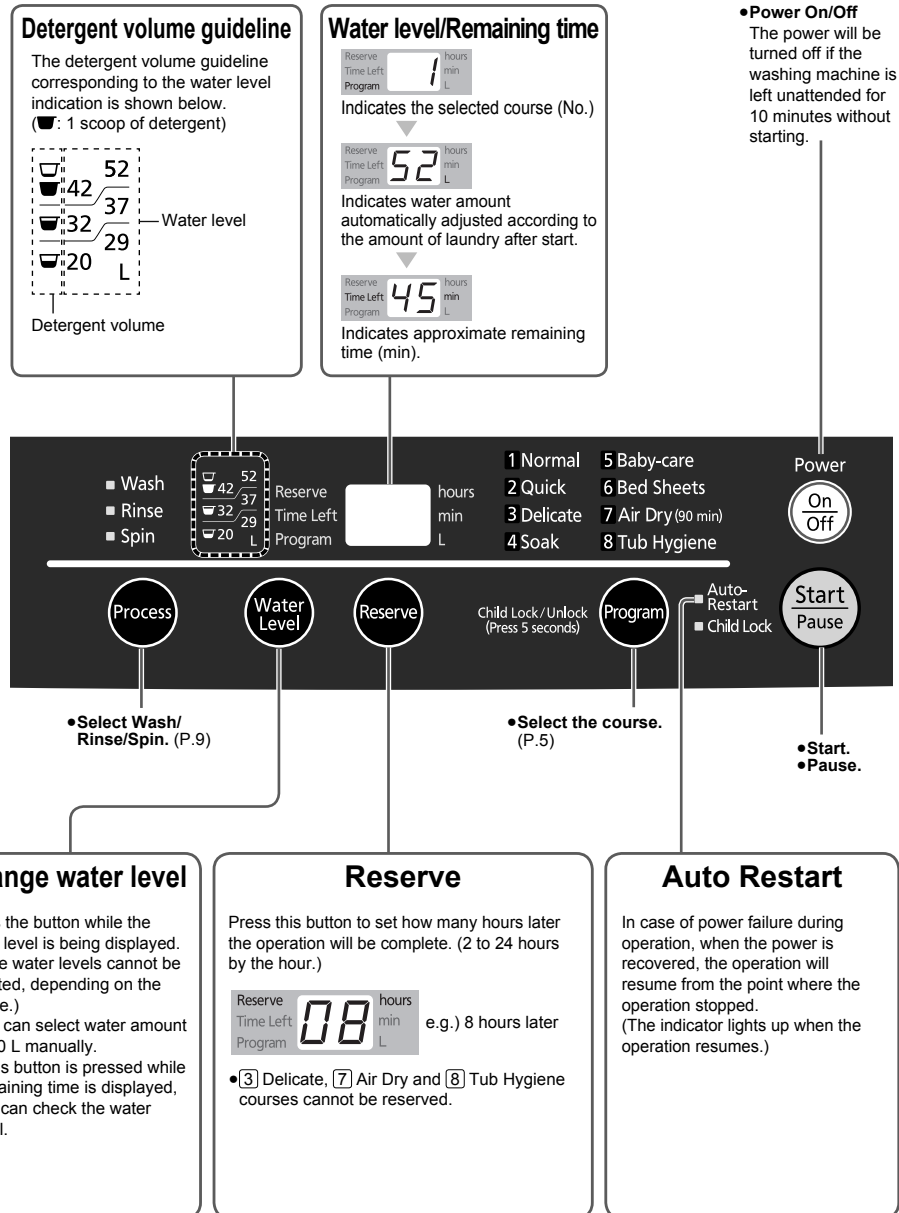
Preparations

Accessories



Operation Panel

•The operation panel for NA-F70B5 is used in this manual.



NOTE

- At power-on, [1] Normal course is displayed.
- The type of course cannot be changed after start.

Variety of Courses

Purpose		Course (Number)	Maximum capacity	NA-F70B5	NA-F65B5	NA-F62B5/NA-F62B3
Everyday clothes 	Daily washing	1 Normal (P.6)	7.0 kg	6.5 kg	6.2 kg	
	Speedy washing for light soil	2 Quick (P.6)	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.6)	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.



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)

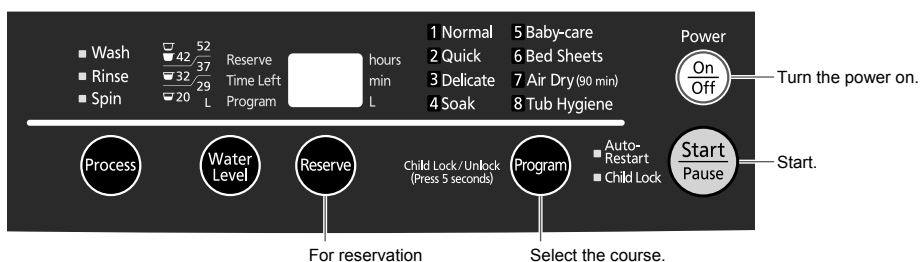
- Lacy clothes, lingerie and stockings

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)

Washing

Preparation: ●Check whether the washing machine has been properly installed. (P.12)
●Turn on the water faucet.



1 After loading the laundry, **turn the power on.**

2 According to the type of laundry and soil, **select the course.**

■For reservation (P.4)

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.**
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.**
(Follow the instruction described on each detergent's container.)

Put in the powdered synthetic detergent
Liquid detergent
●Dilute sticky type of detergent with water before putting in.

Softener (P.7)

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

NOTE

- When powdered detergent is poorly soluble, dissolve in warm water before putting in.



- Put in the detergent little by little while stirring to prevent it from getting hard or remaining in a powder state.

Water of approx. 30 °C
(approx. 5 L)

- If there are many thick or large clothes (jeans, sheets, etc.) in the tub, the detergent may remain dissolved. Dissolve the detergent according to the above method, or reduce the amount of laundry.
- If excessive bubbles form, reduce the amount of detergent or change the detergent.

Using softener

Put the softener in the softener inlet according to the water level indication.

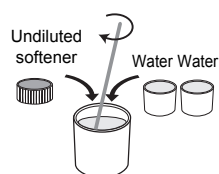
- Automatically added on the final rinse.
- To add in operation, press "Pause" first.



- Do not use a separated or solidified softener.
- Softener easily becomes hard. Do not leave in the softener compartment for many hours (12 hours or longer).

■ Concentrated type

Dissolve softener.



- **Well mix** in another container before putting in. (To facilitate smooth flow)
- Follow each softener's instructions.

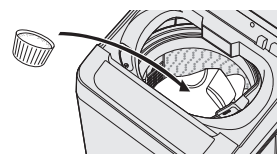
NOTE

- 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" cycle is complete.
- Turn the tub with hand when it is difficult to put in the softener. (P.10)

Using bleach

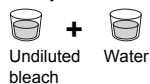
■ Oxygen powder bleach

Put the bleach in directly during water supply after start.



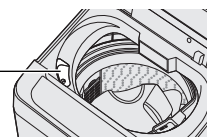
*Follow each bleach's instructions.

■ Liquid bleach



After diluting with the same amount of water,

put the bleach in the bleach inlet before start.



NOTE

- Do not use a bleach for [3] Delicate course.
- Do not use a chlorine bleach for coloured and printed clothes. (Loss of colour may result.)
- If a chlorine bleach is used, wash the tub with [8] Tub Hygiene course without bleach.

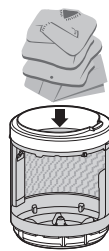
Washing Options

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.

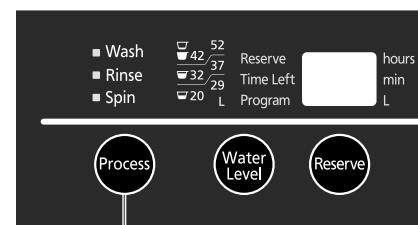
Soak

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)

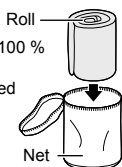


Select operation contents.

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.

1 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)

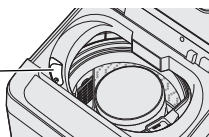


2 **Select [6] Bed Sheets course.**

- Water level indication
NA-F70B5: 52 L
NA-F65B5: 48 L
NA-F62B5: 46 L
NA-F62B3: 46 L
- Water level cannot be changed.

3 **Start.**

4 **Put in the liquid detergent.**



5 **Close the lid.**

The operation is complete with the buzzer sound.

1 Normal	5 Baby-care	Power Turn the power on.
2 Quick	6 Bed Sheets	
3 Delicate	7 Air Dry (90 min)	Start Start.
4 Soak	8 Tub Hygiene	

Child Lock/Unlock (Press 5 seconds)

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.

1 After loading the laundry and closing the lid, **turn the power on.**

2 **Select [7] Air Dry course.**

3 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.

1 After loading the laundry, **turn the power on.**

2 According to the purpose, **select operation contents.**

Process

- Change the water level as necessary.
- You cannot select Rinse alone.

3 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

•To reset, do the same procedure.

pi pi
pi pi

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

•To cancel, do the same procedure.

pi pi
pi pi

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 clicking sound is heard after approx. 15 seconds, turn the tub. (Clockwise only)



NOTE

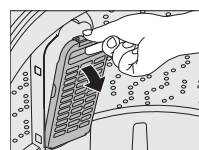
- If there is water in the tub or "Start" is pressed, the tub cannot be turned.

Maintenance

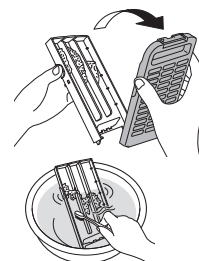
Lint filter

After each operation

1 Hold the upper part and remove.

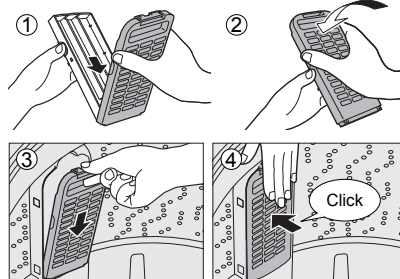


2 Open the filter and remove the lint.



- 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.)

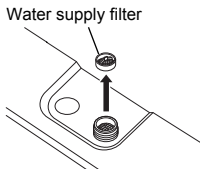
■If the filter is broken

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>

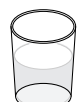
Once a week (Dry)

- 1 After operation is complete, operate the washing machine with **7** 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 **8** Tub Hygiene course.
- 3  Start.
- 4  When water supply is complete, pause.
- 5 Put the bleach in the tub. 
•Use a chlorine bleach for clothes.
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.)

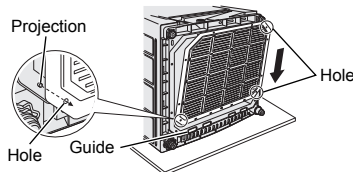
NOTE

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

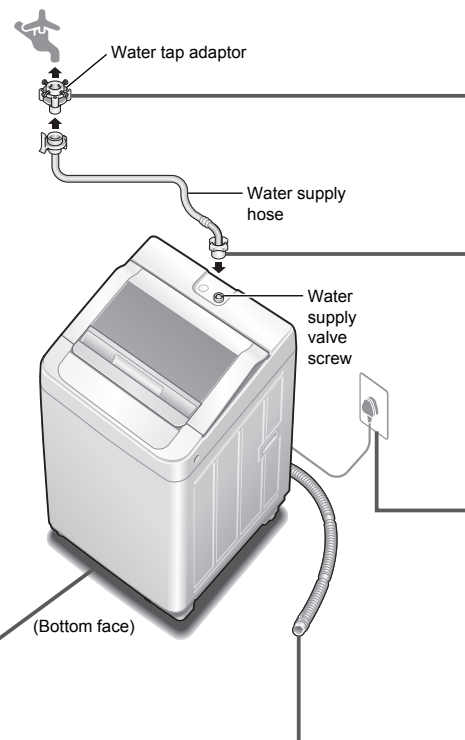
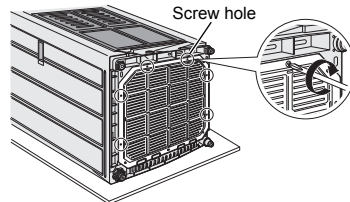
2. Attach the bottom cover.

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.

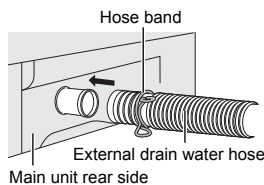


2 Fix with screws. (6 locations for right, left and top)



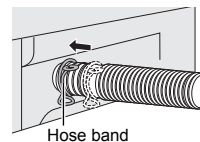
3. Attach the external drain water hose.

1 Connect to the connection port.



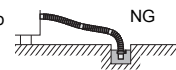
- Insert all the way seated.

2 Slide the hose band in the arrow direction.

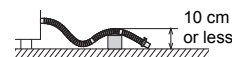


■ Hose arrangement

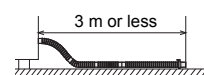
- Do not put the hose tip under the water.



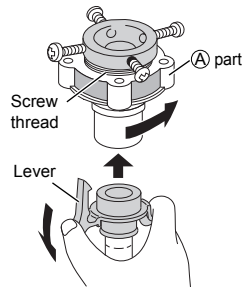
- The height should be 10 cm or less.



- 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

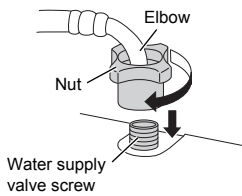
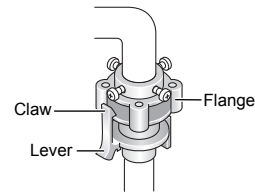
Connect the water supply hose to the water tap adaptor.

- 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)

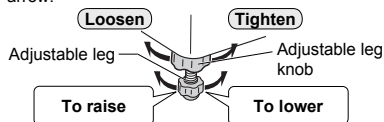
5. Connect the power plug and grounding wire.

- 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

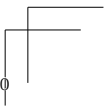
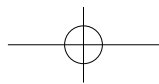
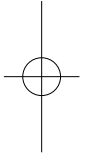
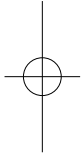
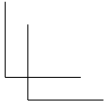
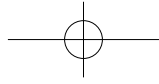
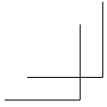
7. Perform a trial operation.

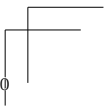
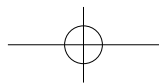
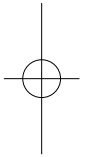
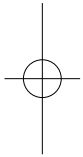
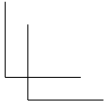
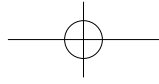
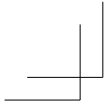
- Check if there is no water leakage, abnormal sound or error messages.

Troubleshooting

Check the following before requesting service.

	Symptoms	Checkpoints
Time	Remaining time fluctuates.	•Remaining time is corrected during the process and displayed. (Time indication is an approximation.)
Main unit	No operation.	•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)	•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.	•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.	•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.	•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.	•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.	•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.	•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.	•The tub rotation speed is adjusted to reduce bubble foaming during spin.
Others	Power failure./ The breaker has tripped.	•The operation will stop. When power is recovered, the operation will resume. ("Auto Restart" indicator lights up.)
	Water failure.	•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.	•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.	■Check the drain water hose for the following abnormality. •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) The operation will resume by opening/closing of the lid.
The lid is open.	•Is the lid open?
Spin or Air Dry does not work.	•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.	•Is the water faucet turned on? •Water failure? •Is the water supply filter clogged with dust? (P.11) The operation will resume by opening/closing of the lid.
	•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.
	•Inspection is required. →Pull out the power plug. Then, contact a service person and explain the displayed content (2-digit number after "H").

When Necessary

Specifications

	NA-F70B5	NA-F65B5	NA-F62B5/ NA-F62B3
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	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)		

Disposing of Waste Electrical & Electronic Equipment

Declaration of Conformity with the requirements of the e-waste (Management and Handling) Rules, 2011 (adopted by Notification S.O.1035(E) of Ministry of Environment and Forests)

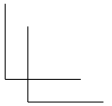
The Product is in conformity with the requirements of Rule 13 of the e-waste Rules.
The content of hazardous substance with the exemption of the applications listed in SCHEDULE II of the e-waste Rules:

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.

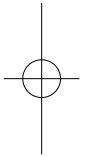


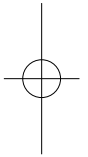
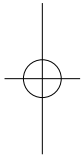
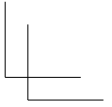
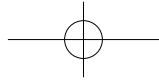
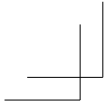
For the purpose of recycling to facilitate effective utilization of resources, please return this product to a nearby authorized Collection Centre, registered Dismantler or Recycler, or Panasonic Service Centre when disposing of this product.

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



This image shows a full page of white paper with horizontal dotted lines. The lines are evenly spaced and run across the width of the page, providing a guide for handwriting practice. There are no margins, text, or other markings on the page.





Panasonic Corporation
<http://www.panasonic.com>
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