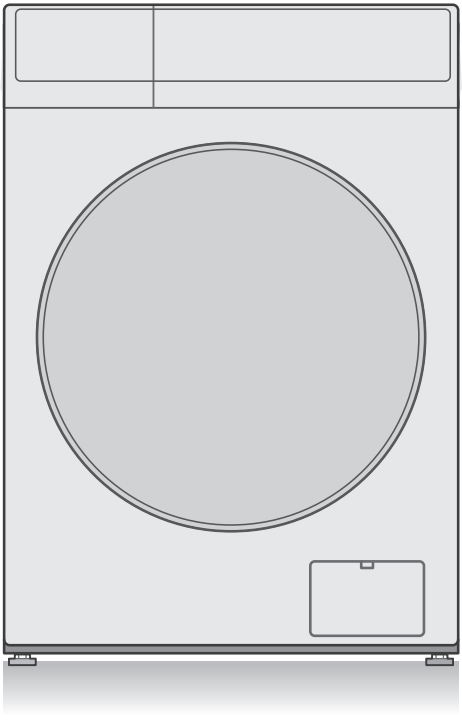
Panasonic

Operating & Installation Instructions

Washing Machine (Household Use)

Model No. NA-16JF1



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It is essential to read these instructions.

EN

Thank you for purchasing this product.
- Read these instructions carefully for optimum performance and safety before use.
- Keep this manual for future reference.

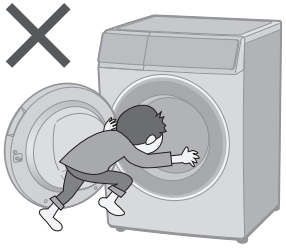
10023201

Safety Precautions

⚠ WARNING

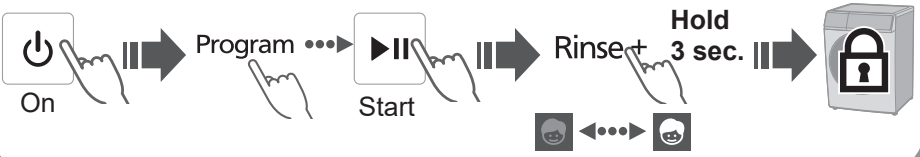
May cause serious injury or death

Children must not use it alone.



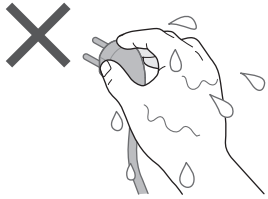
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children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

Setting the Child Lock. (P. 22)

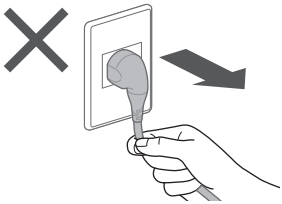


May cause fire or electric shock

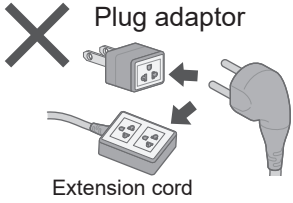
Do not touch it with wet hands.



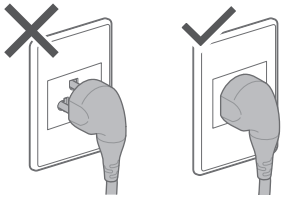
Do not hold or pull on the cord.



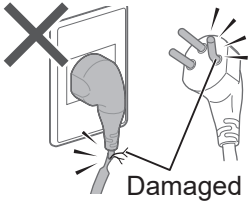
Do not use.



Fully insert it.

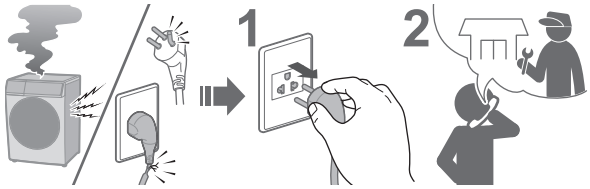


Do not use.

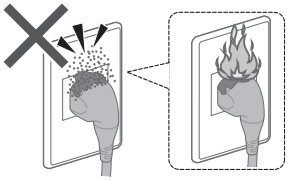


- **If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.**

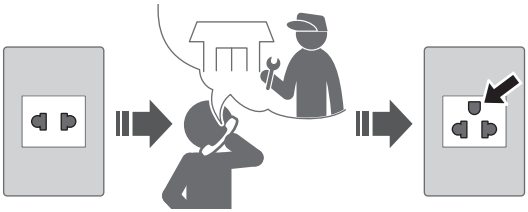
In case of failure or damaged power cord, stop use and ask the electrical technician.



Accumulated dust may cause fire.



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

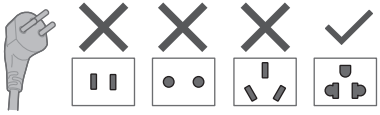


Wipe the power plug periodically.



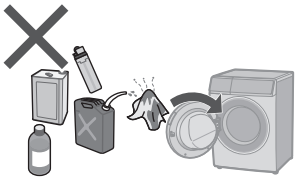
Use a socket appropriate for this appliance.

e.g.)



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

Keep away from flammable materials.



May cause failure

Do not disassemble, repair or modify it by yourself.



- Keep at least 15 cm away from the mounting part of the cardiac pacemaker.
- Keep away from medical equipment and automatic control equipment (automatic doors, fire alarms, etc.).

Safety Precautions (continued)

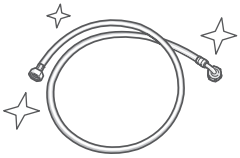
⚠ CAUTION

May cause water leakage

Turn off the water faucet.



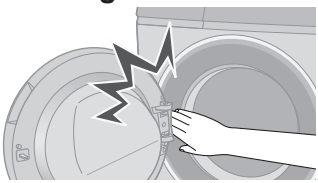
Use new hose-sets.



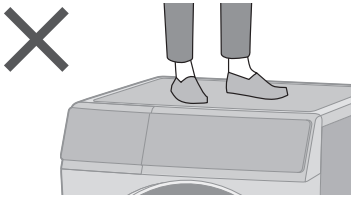
- New hose-sets supplied with the appliance are to be used and old hose-sets should not be reused.

May cause injury

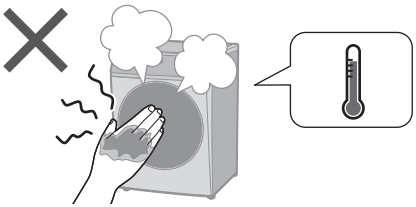
Be careful not to get your fingers caught.



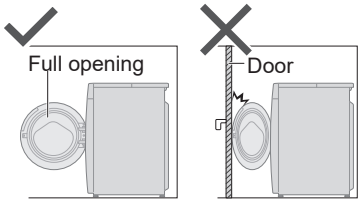
Do not climb on the appliance.



Do not touch when it is hot.



Install the appliance correctly.



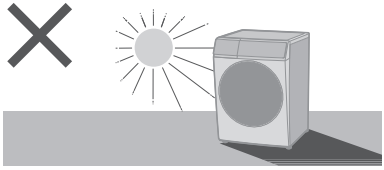
- The appliance must not be installed behind a lockable door, a sliding door or a door with a hinge on the opposite side to that of the appliance, in such a way that a full opening of the appliance door is restricted.

■ For maximum mass of dry cloth and pressure of tap water, see P. 40.

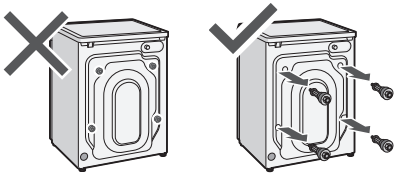
⚠ CAUTION

May cause failure

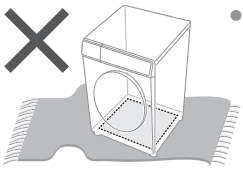
Keep away from heat and direct sunlight.



Remove anchor bolts before operation.

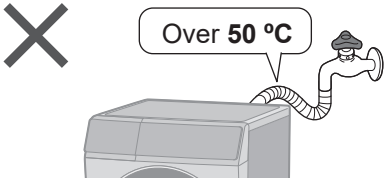


Do not obstruct.

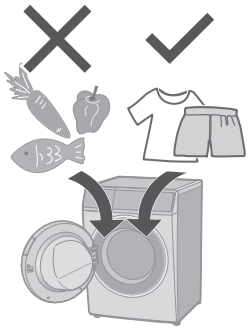


- Do not obstruct the openings of the bottom face with carpet, etc.

Do not use hot water.

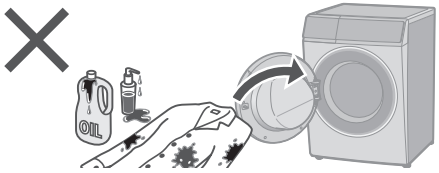


For machine-washable items only.

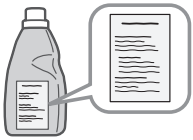


- This appliance is intended to be used in household.
  This appliance is not intended to be used in applications such as:
  - staff kitchen areas in shops, offices and other working environments;
  - farm houses;
  - by clients in hotels, motels and other residential type environments;
  - bed and breakfast type environments;
  - areas for communal use in blocks of flats or in launderettes.

Do not wash excessively oily clothes.



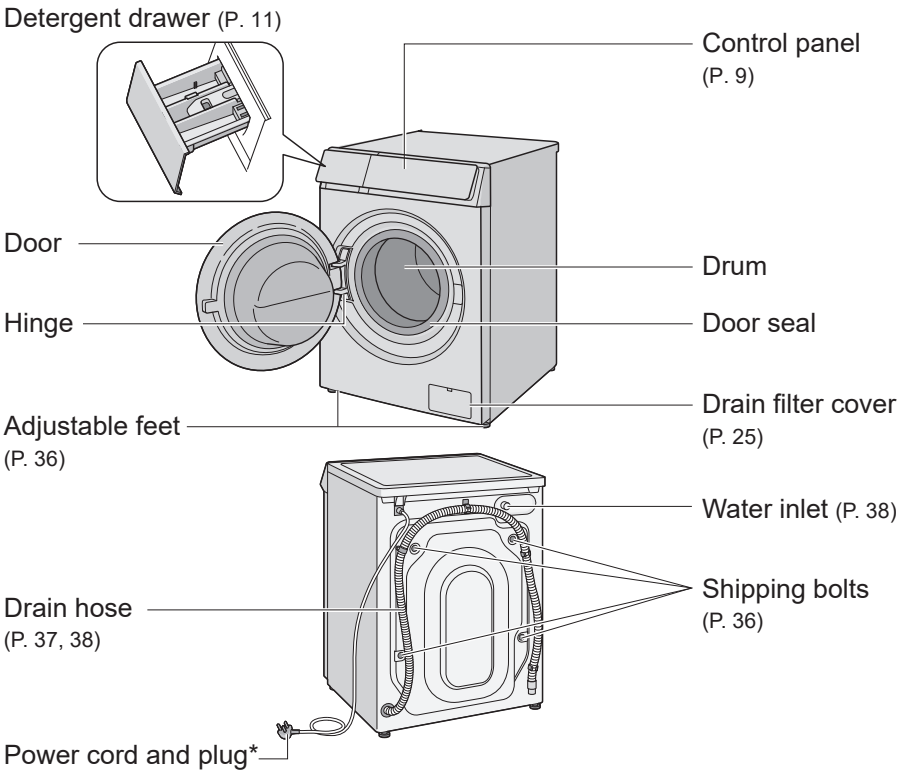
Follow the instructions.



- Fabric softeners, or similar products, should be used as specified by the fabric softener instructions.

Checking Your Washing Machine

Part names



* The plug shape varies with the region.

Accessories

☐ Hose hanger (1) (P. 38)



☐ Cover cap (4) (P. 36)



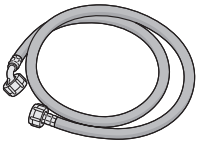
(for shipping bolts)

☐ Cover cap (1) (P. 35)

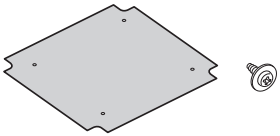


(for plug)

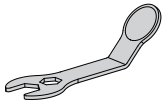
☐ Water supply hose (1) (P. 37, 38)



☐ Bottom cover (1) / Screw (4) (P.35)



☐ Spanner(1)

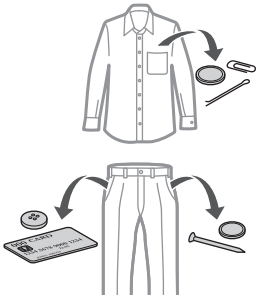


Before Washing

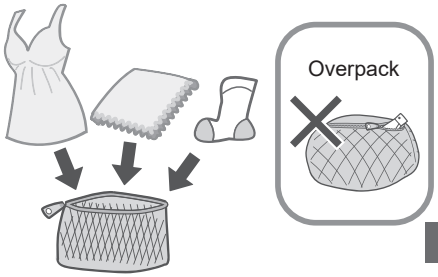
Preparing laundry

Before put clothes in drum

- Remove foreign objects.

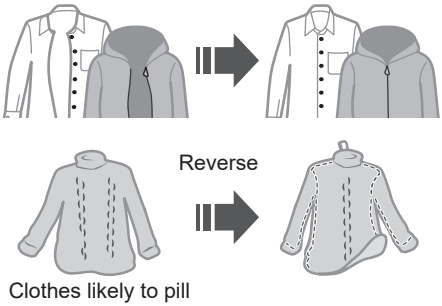


- Use laundry nets for delicates and small items.

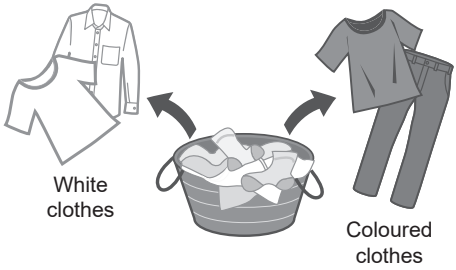


Before Washing (continued)

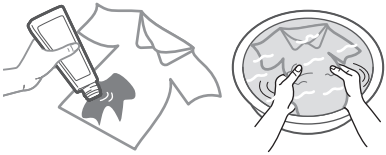
Pre-laundry check



- Wash separately.



- Pretreat for heavily stains.



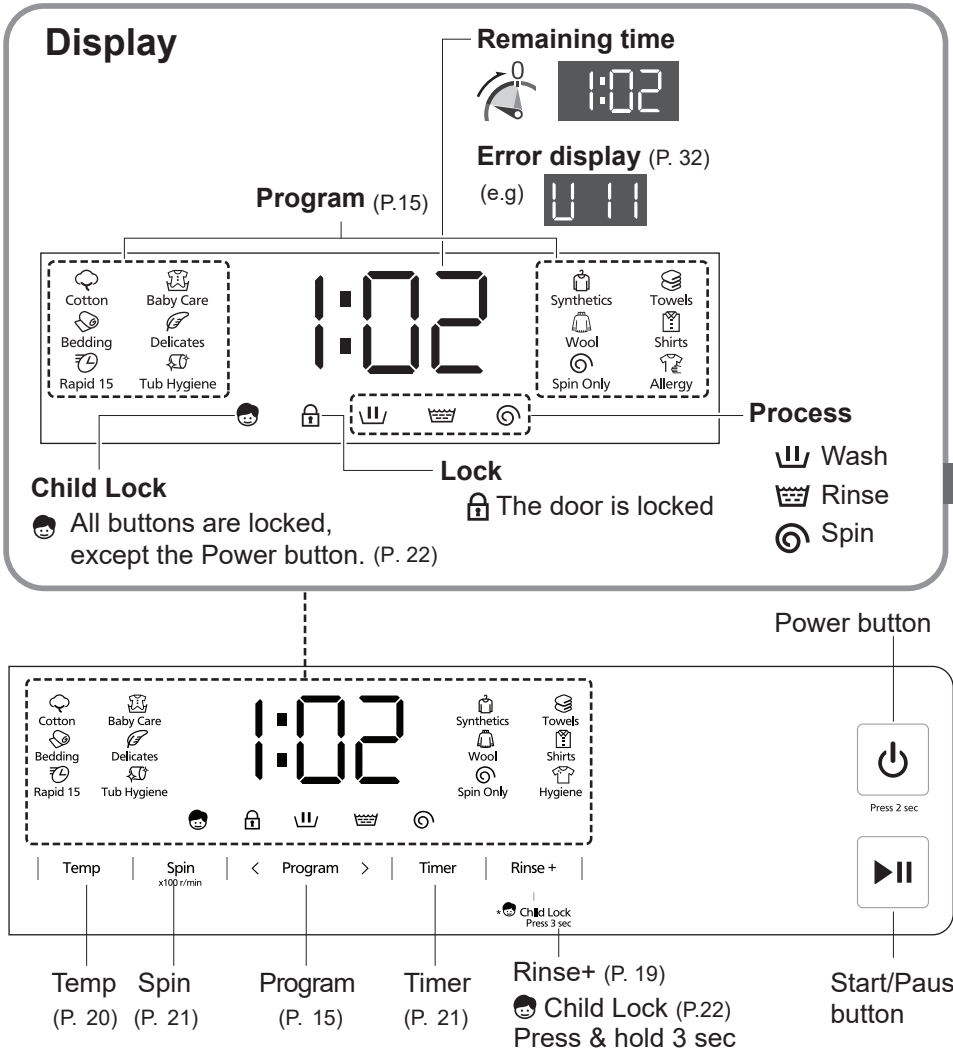
- Observe care labels.



- Clothes for babies & sensitive skin

Control Panel

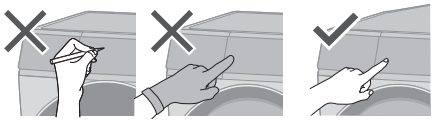
- Images in these instructions are of the NA-16JF1, unless otherwise indicated.



Control Panel (continued)

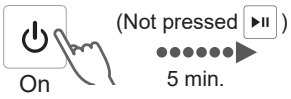
Touch operation

- If water, detergent or softener gets on, turn off and wipe off with a towel etc. immediately. (Cause of malfunction)



NOTE

- No operation ➠ auto power off



- In case of a power failure
  ➠ When the power recovers, operation resumes from where it stopped. (Auto Restart)

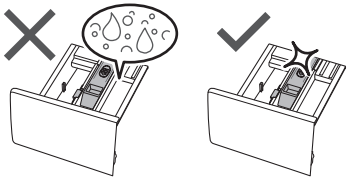
Detergent

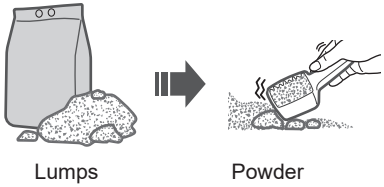
- Follow the instructions on each package.

Detergent

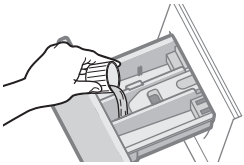
Use a low foam detergent.

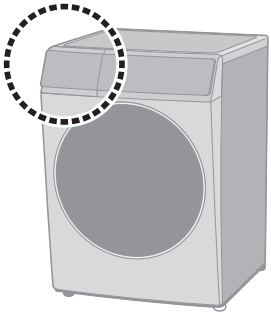
- To prevent powder detergent from remaining in the detergent drawer:



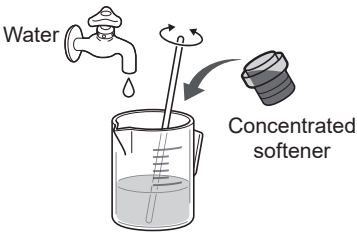


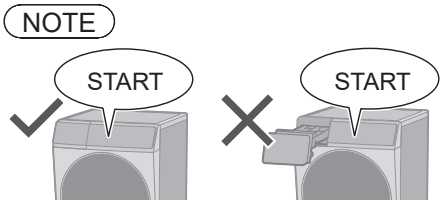
Fabric softener











Detergent (continued)

Main wash

Powder detergent



Liquid detergent



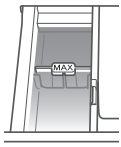
Bleach





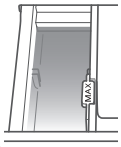
Strong acid cleanser

Liquid detergent

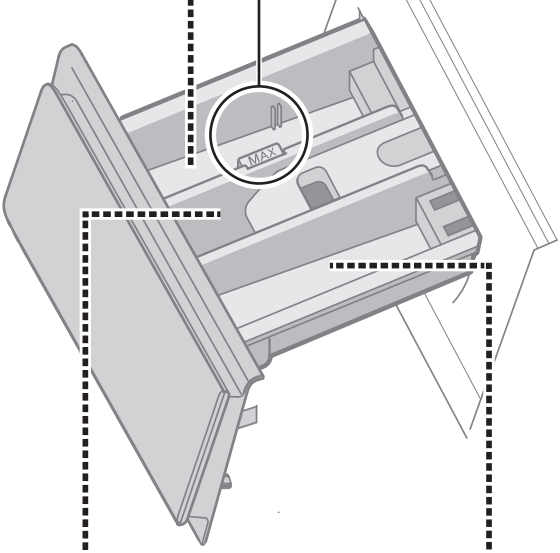


When using liquid detergents, please put the liquid detergent accessory in the main wash drawer,then pour the liquid detergents in the plastic box contained with liquid detergent accessory.

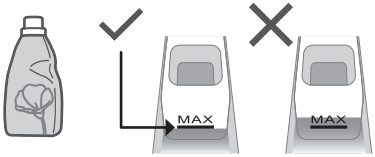
Powder detergent



When washing with powder detergent, remove the liquid detergent attachment.



Softener

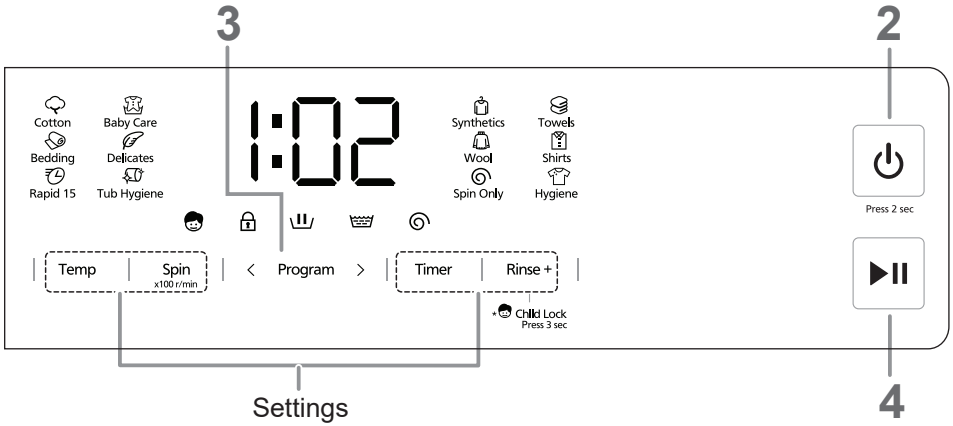


Pre-wash

Pre-wash is applied to only "Baby care" washing course. Please put detergent (both powder type and liquid type can be used) in this pre-wash drawer when you select "Baby care" course. The laundry will be washed twice.
Detergent in the pre-wash drawer can clean part of dirt on the laundry first, then detergent in the Main wash drawer can clean the laundry at a deeper level.

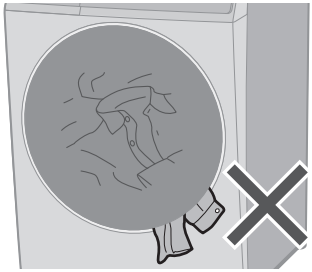
Washing

Basic Method

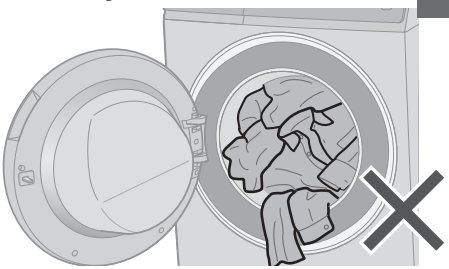


NOTE

■ **Do not let laundry get caught in the door.**



■ **Do not overfill the drum with laundry.**



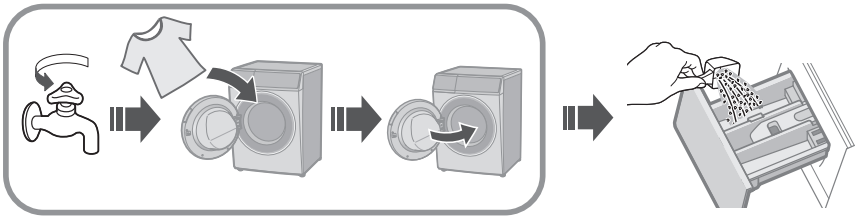
NOTE

- Door does not open ➠ (P. 27)



Washing (continued)

1



2



3

< Program >

Select a program. (P. 15)

■ **Changing the settings.**



Displays the time required (recalculated)

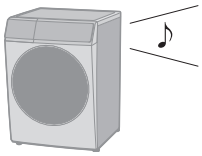
(e.g.)

Settings

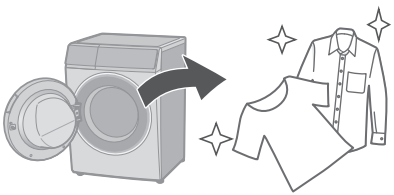
Temp (P. 20)	Spin x100 r/min (P. 21)
Timer (P. 21)	Rinse + (P. 19)

4





5

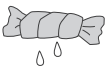


Program List

WASH

Program	Description	Max. load (kg)	Default time
Cotton	● Everyday clothes (Cotton and linen) 	8.0	1:22
Baby Care	● Clothes for babies & sensitive skin Rinsing thoroughly 	5.0	2:17
Bedding	● Large items 	5.0	1:46
Delicates	● Washing gently 	3.0	0:59
Rapid 15	● Small loads of lightly soiled 	2.0	0:15
Tub Hygiene	● Cleaning the drum 	None	1:22

Program List (continued)

Program	Description	Max. load (kg)	Default time
Synthetics	● Chemical fiber,nylon or other similar blending fabric. 	5.0	1:17
Towels	● Cotton towels and bath towels, etc. 	4.0	1:37
Wool	● Machine-washable woollen clothes 	1.0	0:56
Shirts	● Shirts, smocks, and other clothes. 	3.0	1:28
Spin Only	● Spinning only 	8.0	0:09
Hygiene	● For ticks and pollen 	2.0	2:22

Details of Programs

Settings / Program	Auto setting		Setting range		Optional functions	
	Temp (°C)	Spin (r/min)	Temp (°C)	Spin (r/min)	Timer	Rinse+
Cotton	40	1000	Cold, 20, 40, 60	0, 600, 800, 1000	✓	✓
Baby Care	60	800	Cold, 20, 40, 60, 90	0, 600, 800, 1000	✓	✓
Bedding	40	800	Cold, 20, 40, 60	0, 600, 800, 1000	✓	✓
Delicates	20	800	Cold, 20, 40	0, 600, 800	✓	✓
Rapid 15	Cold	800	Cold, 20, 40	0, 600, 800	✓	✓
Tub Hygiene	90	800	60, 90	800	✓	✓
Synthetics	60	800	Cold, 20, 40, 60	0, 600, 800, 1000	✓	✓
Towels	40	1000	Cold, 20, 40, 60	0, 600, 800, 1000	✓	✓
Wool	Cold	600	Cold, 20, 40	0, 600, 800	✓	✓
Shirts	20	1000	Cold, 20, 40	0, 600, 800, 1000	✓	✓
Spin Only	–	1000	–	0, 600, 800,1 000	✓	–
Hygiene	60	1000	60, 90	0, 600, 800, 1000	✓	✓

NOTE

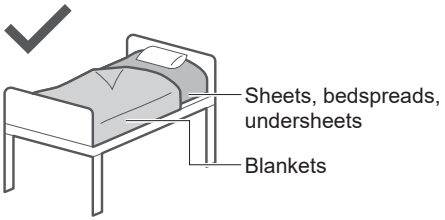
- For normally soiled laundry at the rated capacity, we recommend using the "Cotton, 40 °C, 1000 r/min, RINSE+, 2" which is tested in accordance with IEC 60456 for the energy and water efficiency aspects.
- Actual water temperature may differ from the declared cycle temperature.
- The test results depend on water pressure, water hardness, water inlet temperature, room temperature, type and amount of load, degree of soiling, utilized detergent, fluctuations in the main electricity supply and chosen additional options.
- Pre-wash process is applied to only "Baby care" washing course.

Washing Tips

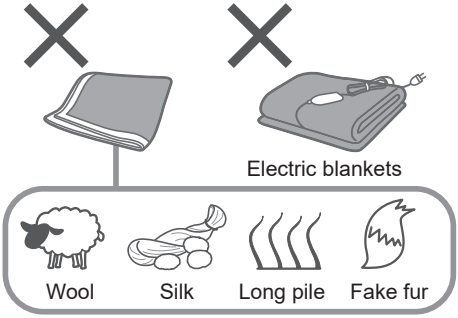
Bedding

■ Washable items

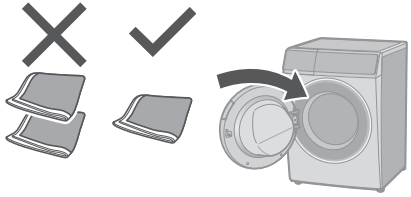
- 30 40 (Wash) • (Handwash)
- 100 % cotton or 100 % synthetic



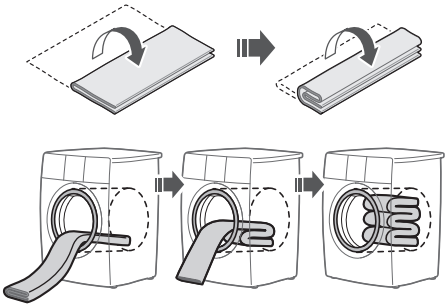
■ Not washable items



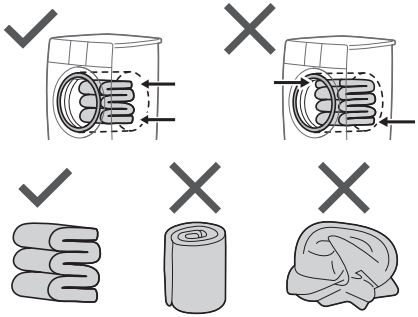
NOTE



■ Putting blankets into the drum



NOTE

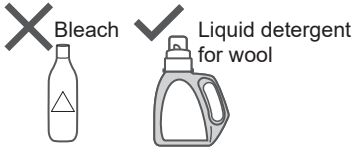


Delicates

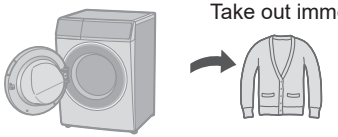
■ When washing

- To rinse fully, use the "Rinse+" function. (P. 19)

NOTE



■ After operation ends

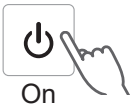


Changing Program Settings

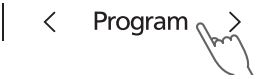
■ **Preparing**

- Sort the laundry and put it into the drum. (P. 7)
- Add the detergent. (P. 11)

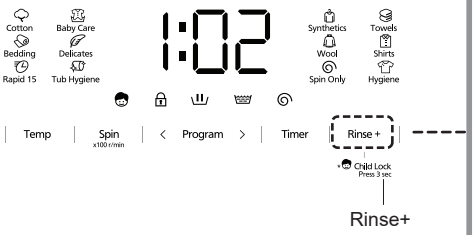
1



2 Select a program. (P. 15)



3 **Change the program's settings.**



- Available options and setting ranges are different depending on the program. (P. 17)
- An alarm sounds if you select an option that is unavailable.

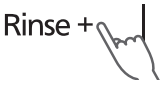
4



Rinse+

Add the number of rinses.

3



■ **To change the setting while washing**



1



2



3



Changing Program Settings (continued)

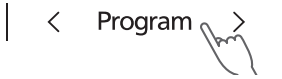
■ **Preparing**

- Sort the laundry and put it into the drum. (P. 7)
- Add the detergent. (P. 11)

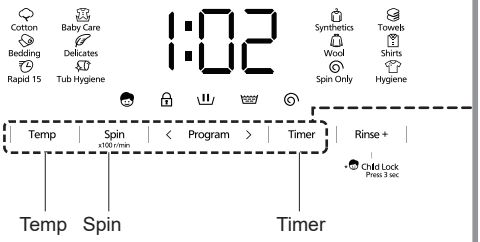
1



2 Select a program. (P. 15)



3 **Change the program's settings.**



- Available options and setting ranges are different depending on the program. (P. 17)
- An alarm sounds if you select an option that is unavailable.

4



Temp

Change the washing temperature.



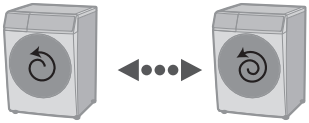
■ **Setting guide**

Low	High
• Colours 	• White 
• Lightly Soiled 	• Heavily Soiled 
• Easily shrinks	• Cotton

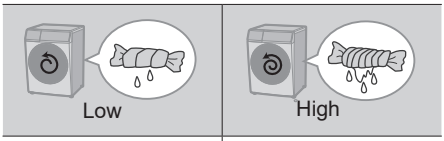
3 Temp  (P. 20)

Spin

Change the spin speed.



■ **Setting guide**



- To reduce wrinkling



- To dry more thoroughly



3 | Spin x100 r/min | (P. 17)

■ **To change the setting while washing**



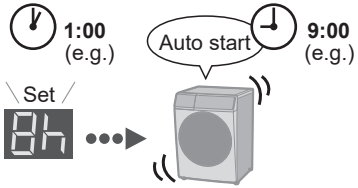
1 ▶II Pause

2 | Spin x100 r/min |

3 ▶II Start

Timer

Set how many hours later to start operation. (Up to 24 hours)



3 | Timer | 8h (e.g.)

■ **To check a preset time**

▶II Pause

■ **To cancel settings**

⏻ Turn off (All settings are cancelled)

NOTE

▶II Start ▶ 8h (e.g.)

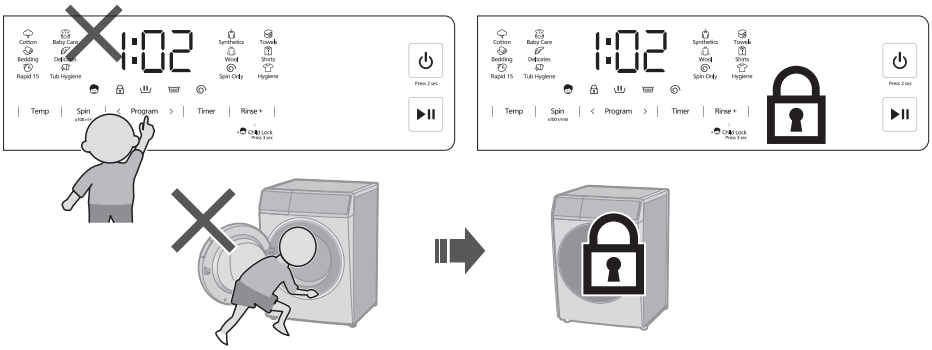
▶ All indications turn off except 🔒

- Not available: P. 17

Changing Appliance Settings

Setting the Child Lock

All are locked, except the Power button.



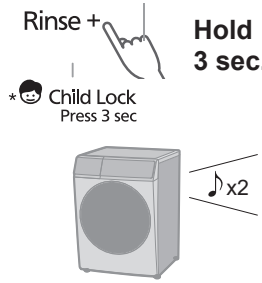
1



2



3



■ **To cancel:**

Same procedure 

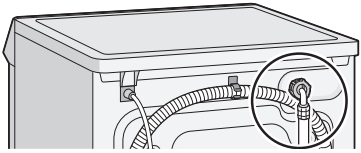
NOTE

- Child lock is not released, even when the power is turned off.

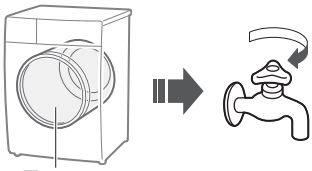
Maintenance

Water supply filter

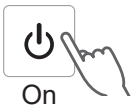
If water does not flow smoothly or if U 14 error message appears



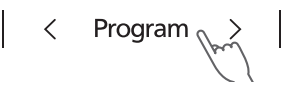
1



2

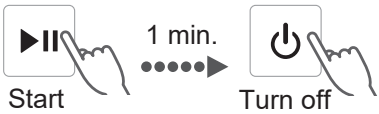


3

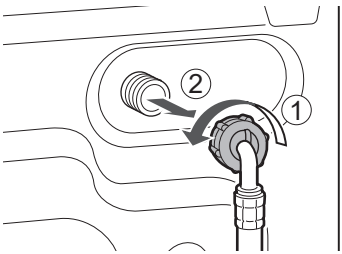


Select "Cotton"

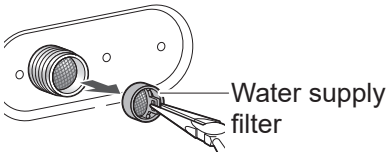
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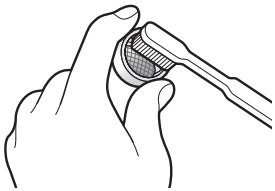
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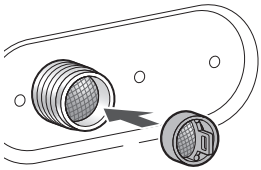
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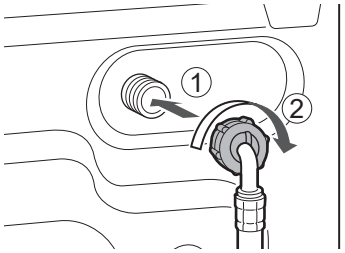
7



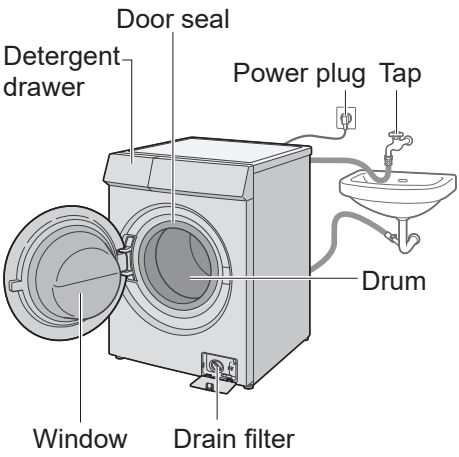
8



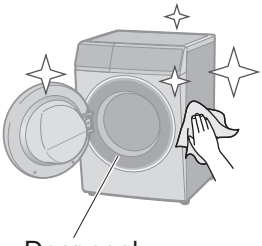
9



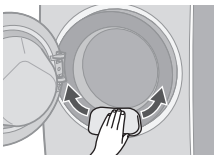
Maintenance (continued)



Appliance



Door seal



For heavy soil



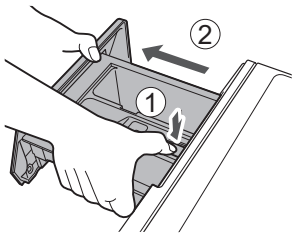
NOTE



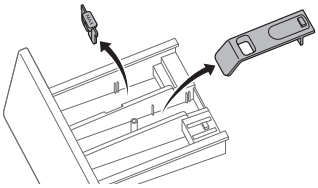
- Do not use gritty cleaners or thinners, or products containing alcohol or paraffin oil.

Detergent drawer

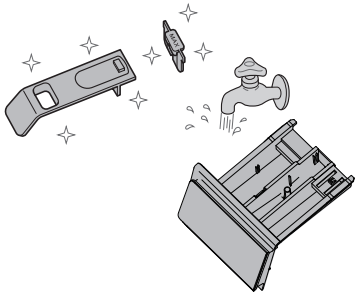
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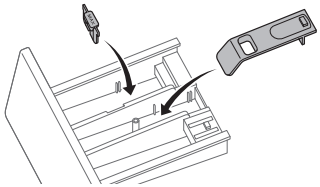
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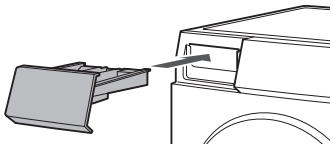
3



4



5



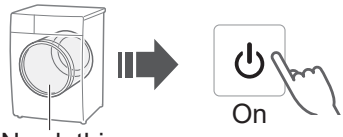
Drum

Once a month
<Tub Hygiene>

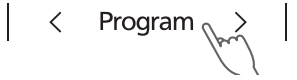
1



2

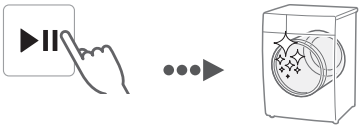


3



Select "Tub Hygiene"

4

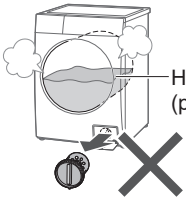


Drain filter

Once a month or if U11 error message appears

Be sure to drain water in the drum before this procedure.

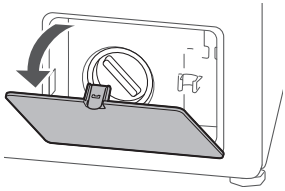
⚠ CAUTION



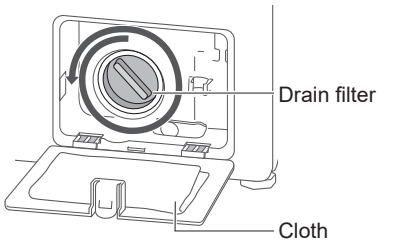
1



2



3

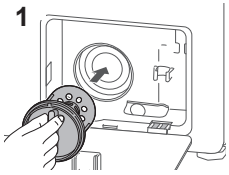


4



5 **Replace**

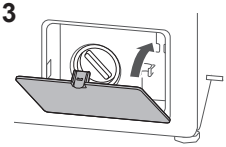
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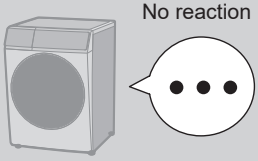
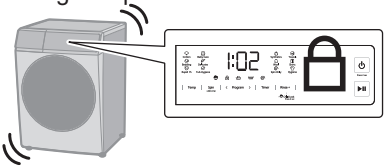
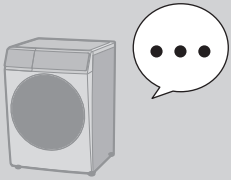
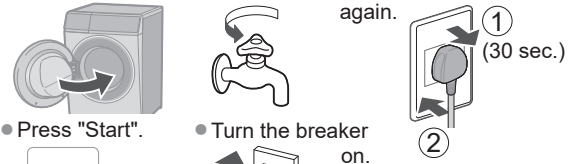
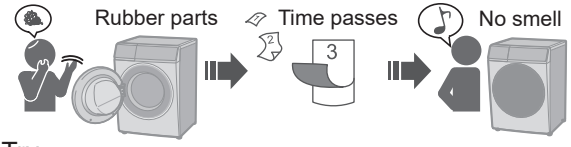
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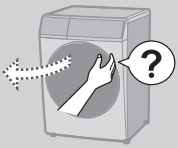
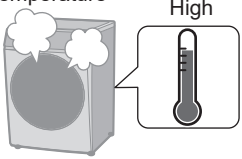
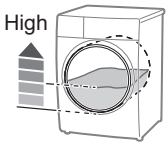
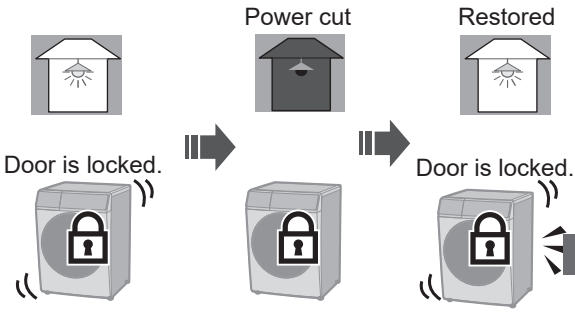
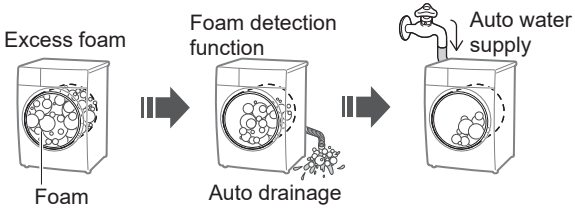


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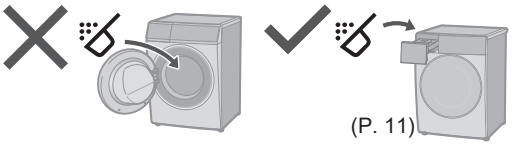
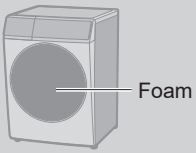
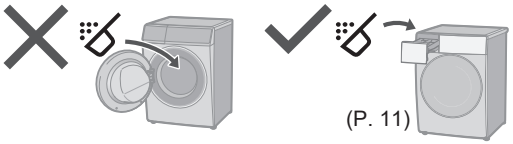
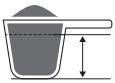


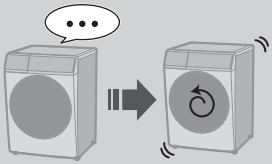
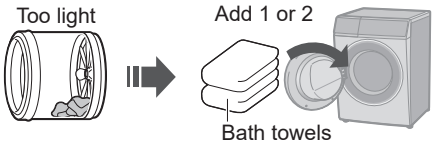
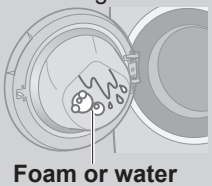
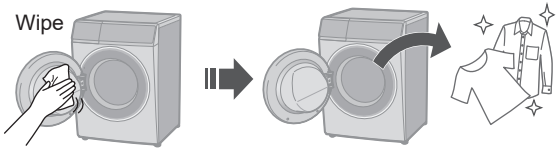
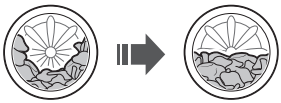
Troubleshooting

	Symptoms	Points to be checked
Main unit	Touch the buttons  No reaction 	□ Possible cause ● During an operation  □ Try ● Child lock (P. 22)  (Off)
	No operation 	□ Check ● Power cut ● Timer  □ Try ● Close the door. ● Turn on. ● Unplug and insert again.  (30 sec.) ● Press "Start". ● Turn the breaker on. 
	Odour of rubber 	□ Possible cause  Rubber parts Time passes No smell □ Try "Tub Hygiene" (P. 25)

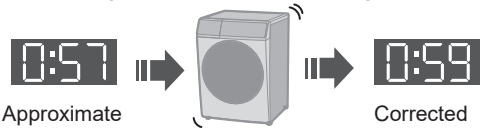
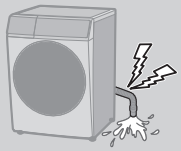
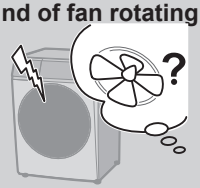
	Symptoms	Points to be checked
Main unit	**Door does not open** 	□ Possible cause ● During an operation (Washing)  □ Check ● Temperature  ● Water level  NOTE 
Wash	During a wash 	□ Possible cause 

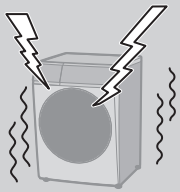
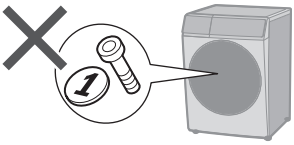
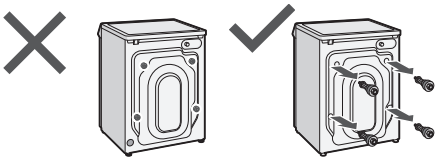
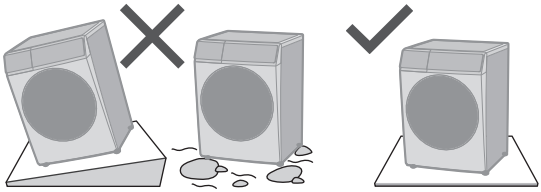
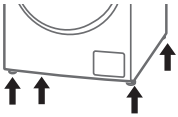
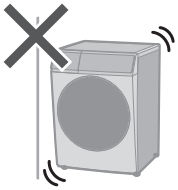
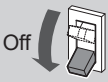
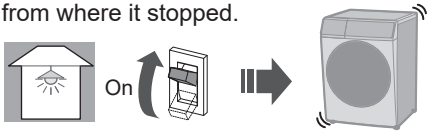
Troubleshooting (continued)

	Symptoms	Points to be checked
Detergent and foam	**After washing** 	☐ Check  (P. 11)
	 Foam	☐ Possible cause ● The amount of foam varies. ● Temperature ● Water level ● Water softness 
	Not enough 	☐ Check ● Powder detergent  (P. 11) ● Too little detergent ● Low foam detergent ● Heavily soiled ● Load too large 
	Too much 	☐ Check ● Too much detergent 

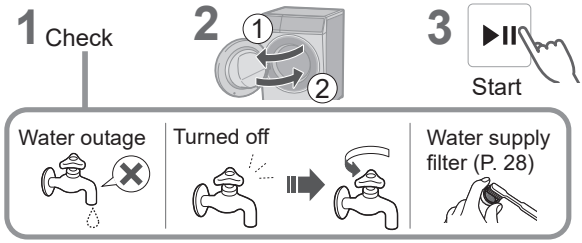
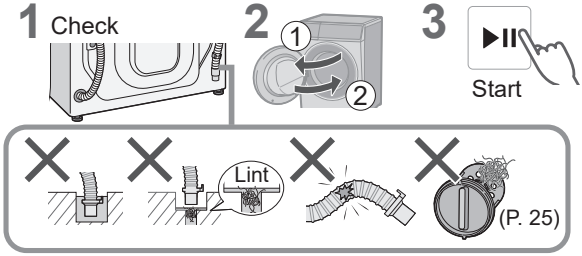
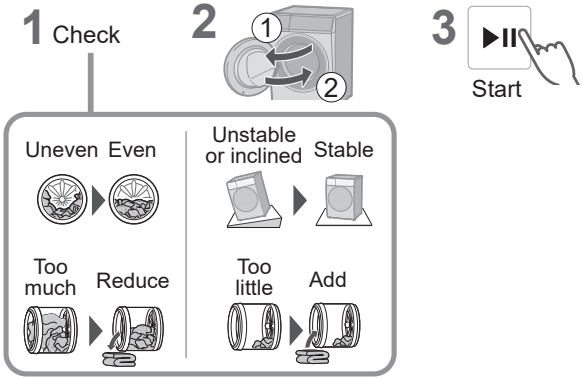
	Symptoms	Points to be checked
Rinse/Spin	During the spin process  	□ Possible cause  □ Try 
	After washing  	□ Try 
	Spin changes to Rinse  	□ Possible cause ● If clothes are uneven, this appliance automatically corrects unevenness using the rinse process. 

Troubleshooting (continued)

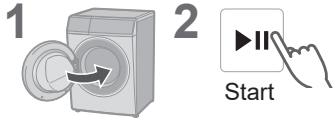
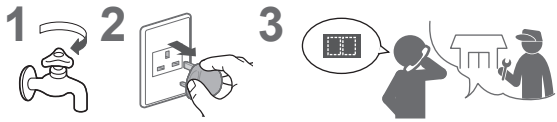
	Symptoms	Points to be checked
Time	**During a wash** Displayed time 0:57 •••▶ 0:59 Changes	☐ Possible cause ● Remaining time is corrected during operation.  Approximate Corrected ● If the settings are changed  ● If clothes are uneven  ➡ The remaining time may increase.
Time	**Remaining time** Does not decrease 0:57 •••▶ 0:57 **or** Suddenly decrease 0:57 •••▶ 0:40	☐ Possible cause There is deviation in the weight of laundry, watery supply time and balancing time.
Noise	**During water drainage** 	☐ Possible cause ● This is normal. The drain pump is working.
Noise	**Sound of fan rotating** 	☐ Possible cause ● This is normal. The drain pump is working.

	Symptoms	Points to be checked
Noise	**Unusual noise (or vibration)** 	□ Check ● Metal items  ● Shipping bolts (P. 36)  ● Slope or an unstable surface  ● Adjust 4 feet.  (P. 36) ● Touching  ● Uneven 
Others	Power cut  Breaker 	□ Check ● When the power recovers, operation resumes from where it stopped. 

Error Display

Error code	Code description	Points to be checked
U 14	**Unable to supply water**	 ● Check the water pressure. (0.03 - 0.8 MPa) ● To repair or replace parts, contact authorized repair agents.
U 11	**Unable to drain**	 ● Confirm that the drain hose is attached correctly. (P. 38) ● To repair or replace parts, contact authorized repair agents.
U 13	**Unable to spin**	

Error Display (continued)

Error code	Code description	Points to be checked
U 12	**Door is open**	 ● To repair or replace parts, contact authorized repair agents. 
H01	**Overflow alarm**	 Contact authorized repair agents.
H 14	**Computer board fault**	
H09	**Communication error between computer board and motor**	
H 17	**Temperature sensor error**	

Choosing the Right Location

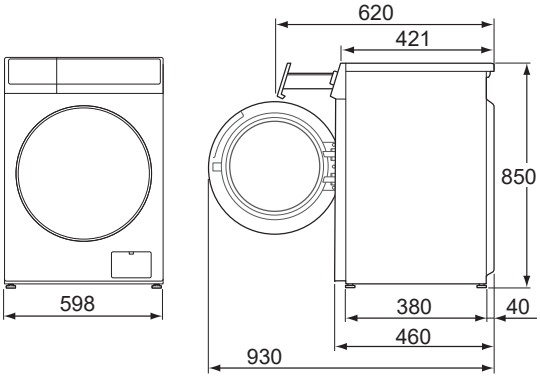


Make sure to ask a service person for installation.

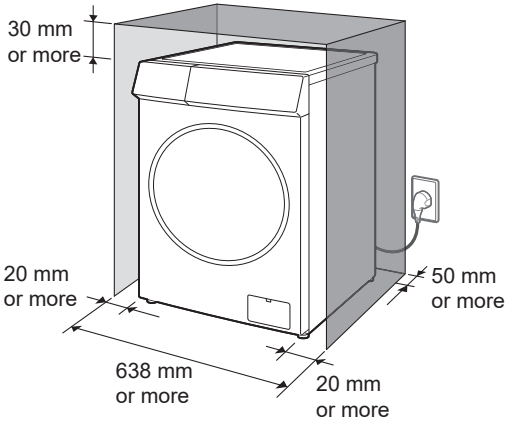
■ Do not install the appliance by yourself.
■ Follow this installation method. If you do not, Panasonic will not be liable for any accidents or damages.

Appliance dimensions

(mm)

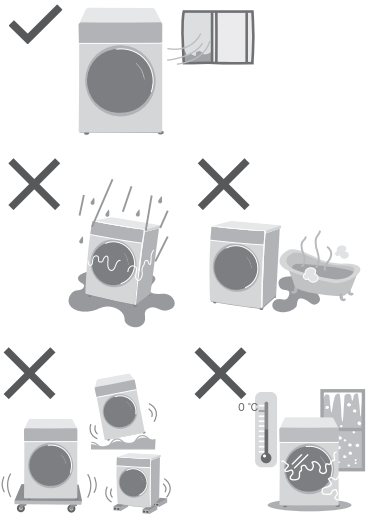


■ Set-in installation



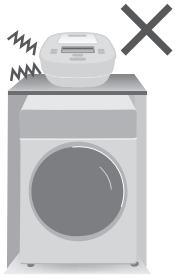
- Do not let the metallic portions of the appliance come into contact with metal sinks or other appliances.

Check the location.



NOTICE

May cause malfunction.

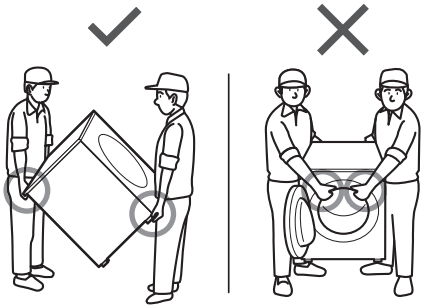


Do not install the appliance near the equipment that generates electromagnetic waves, such as an IH rice cooker.

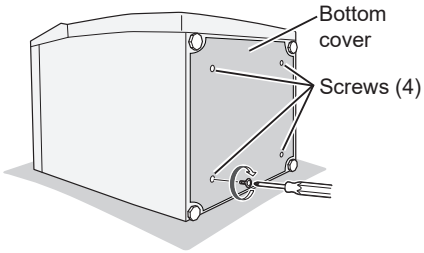
Moving and Installing

Carrying the appliance

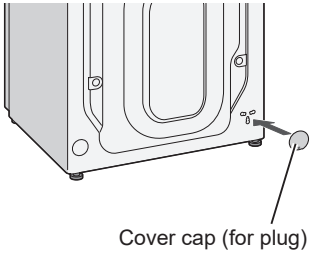
Do not do it alone.



Installing the bottom cover



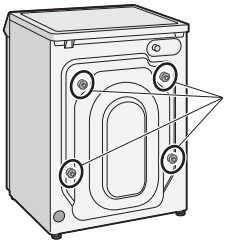
Covering the hole for plug

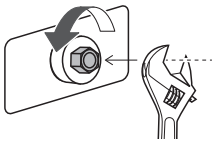


Moving and Installing (continued)

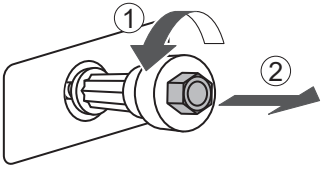
Removing the shipping bolts

1

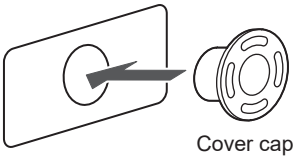




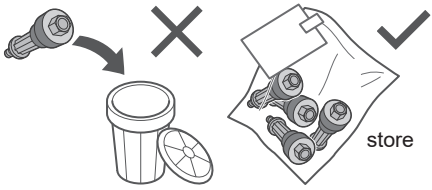
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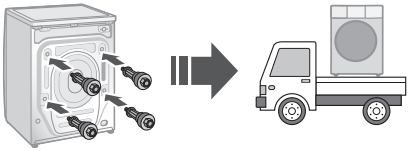
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NOTE

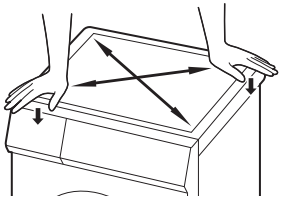


■ Moving the appliance again

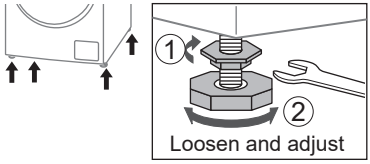


Levelling the appliance

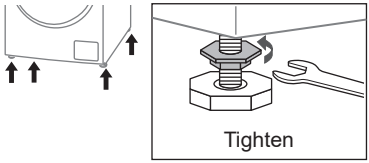
1 **Press on opposing corners of the top to check that the feet don't wobble.**



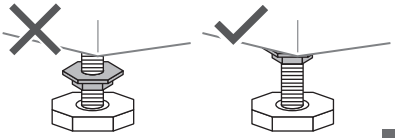
2



3



NOTE



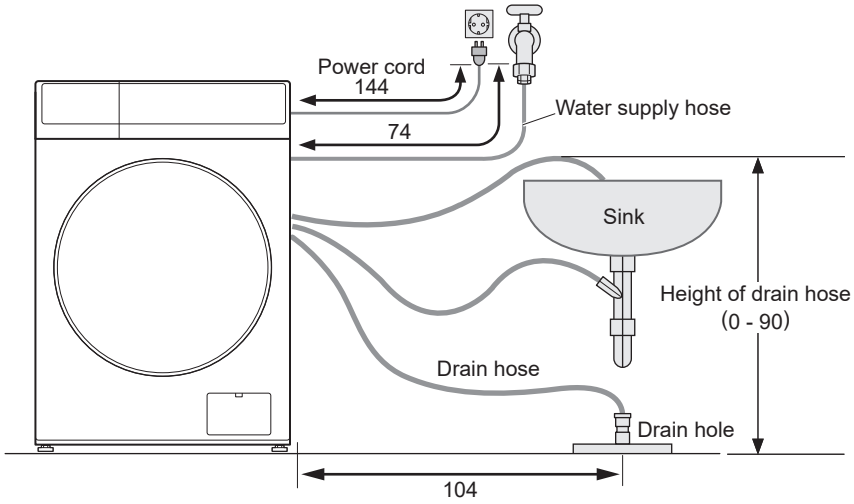
Connecting the Hoses

Connect the hoses properly to prevent water leaks.

Maximum connection distances for hoses and the power cord

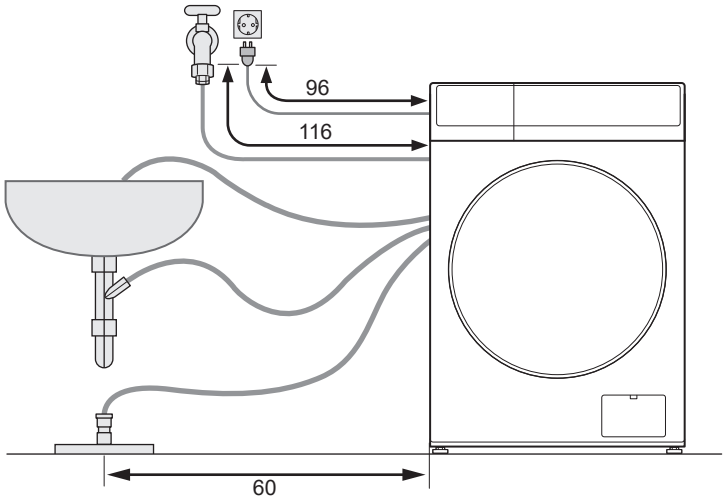
Right side connection

(cm)



Left side connection

(cm)



Connecting the Hoses (continued)

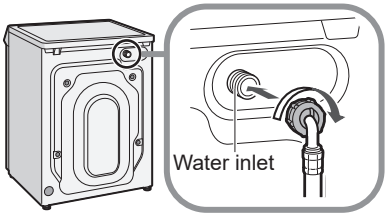
Water supply hose

■ Connecting the water supply hose

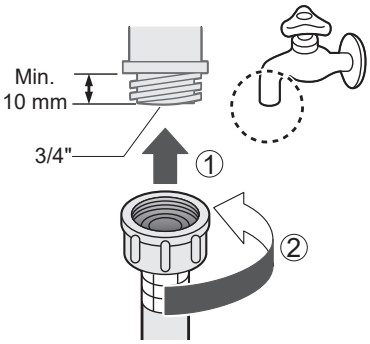
⚠ CAUTION

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

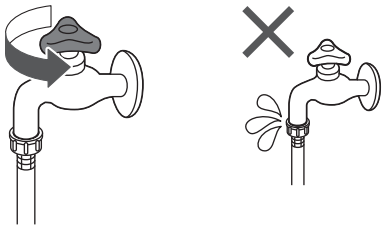
1



2



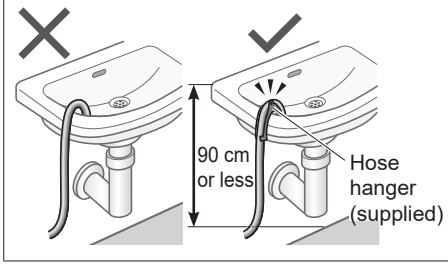
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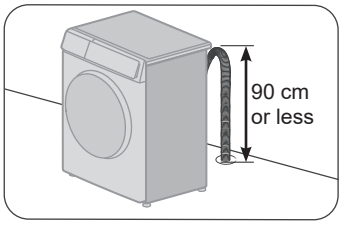
Drain hose

■ Draining to a sink or wash basin

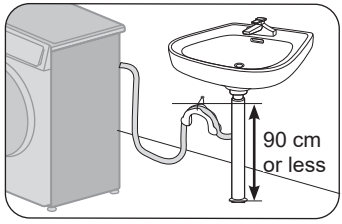
NOTICE



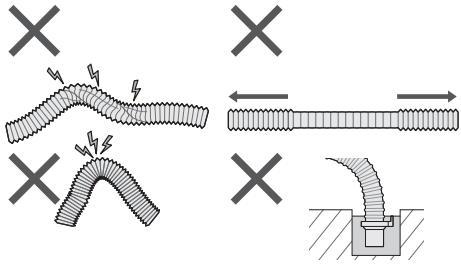
■ Draining to a floor directly



■ Draining to a sink drain hose branch



NOTE

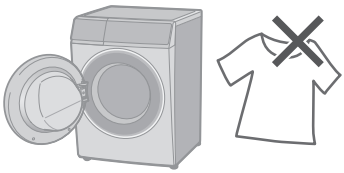


Test Run

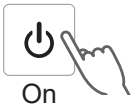
1



2



3

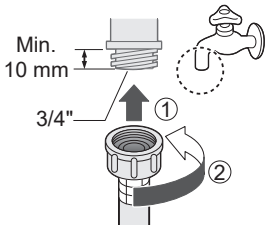
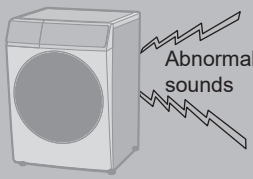
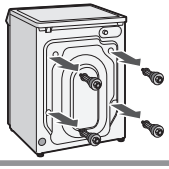
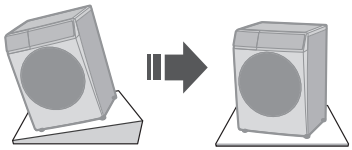
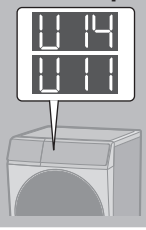


4 < Program > **Rapid 15**

5



Checking after test run

Problem	Causes and Measures
Water leaks 	Connect the water supply hose properly. 
	• Remove the shipping bolts (P. 36).  • Install stably. 
Error display 	See P. 32.

Specifications

■ For Singapore

	NA-16JF1
Rated voltage (V)	220 - 240
Rated frequency (Hz)	50
Heating Washing Power (W)	1300
Maximum spin speed (r/min)	1000
Product dimensions (W x D x H) (mm)	598 × 515 × 850
Product weight (kg)	54
Maximum mass of dry cloth (Wash) (kg)	8.0
Pressure of tap water (MPa)	0.03 - 0.8

■ For Philippines

	NA-16JF1
Rated voltage (V)	230
Rated frequency (Hz)	60
Heating Washing Power (W)	1300
Maximum spin speed (r/min)	1000
Product dimensions (W x D x H) (mm)	598 × 515 × 850
Product weight (kg)	54
Maximum mass of dry cloth (Wash) (kg)	8.0
Pressure of tap water (MPa)	0.03 - 0.8
Importer	Panasonic Manufacturing Philippines Corporation

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