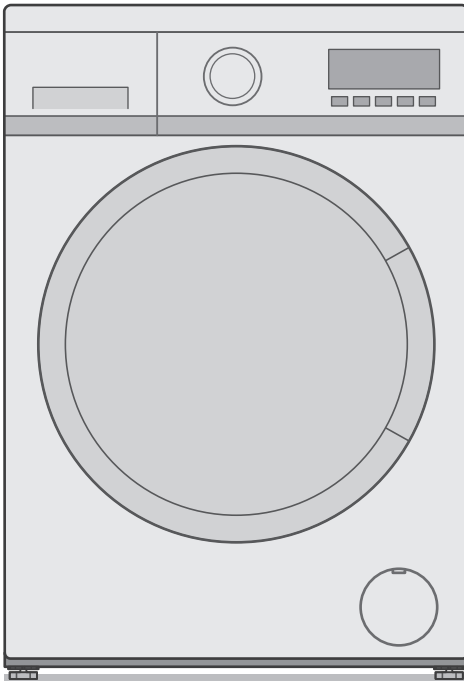


Panasonic®

Operating & Installation Instructions

Washing Machine
(Household Use)

Model No. **NA-12LE1**



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Thank you for purchasing this product.

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

AWW9901ADPA0-0A0

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. 21)

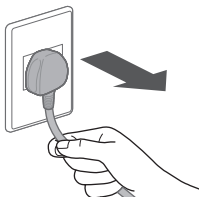


May cause fire or electric shock

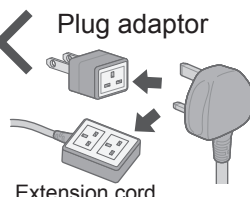
Do not touch it with wet hands.



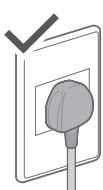
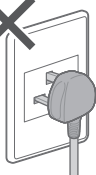
Do not hold or pull on the cord.



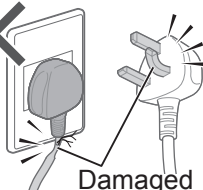
Do not use.



Fully insert it.

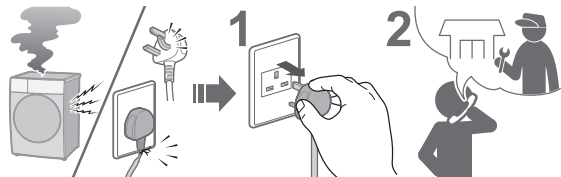


Do not use.

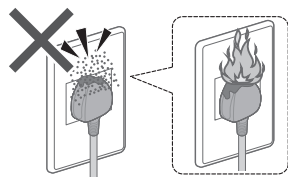


- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

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



Accumulated dust may cause fire.



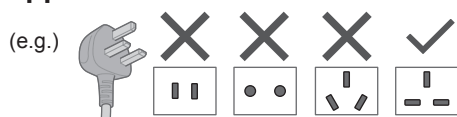
**Securely insert the ground prong.
Ask the electrical technician for a new socket.**



Wipe the power plug periodically.

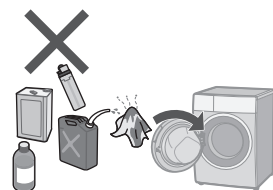


Use a socket appropriate for this appliance.



- 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.



Safety Precautions (continued)



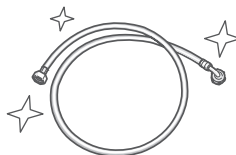
CAUTION

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

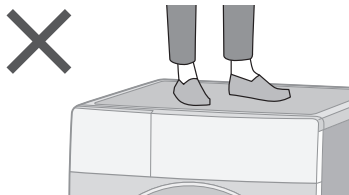
Be careful not to get your fingers caught.



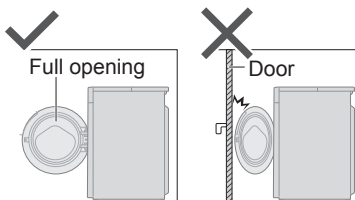
Do not touch when it is hot.



Do not climb on the appliance.



Install the appliance correctly.

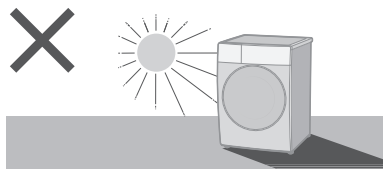


- The appliance must not be installed behind a lockable door, a sliding door or a door with a hinge on the opposite side to that of the appliance, in such a way that a full opening of the appliance door is restricted.

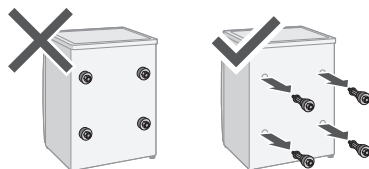
■ For maximum mass of dry cloth and pressure of tap water, see P. 40.

May cause failure

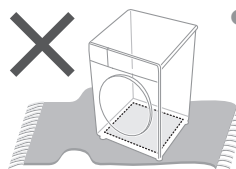
Keep away from heat and direct sunlight.



Remove shipping bolts before operation.

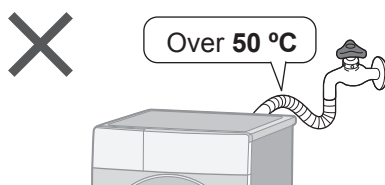


Do not obstruct.

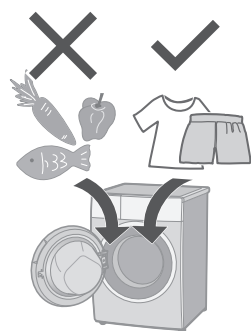


- Do not obstruct the openings of the bottom face with carpet, etc.

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.

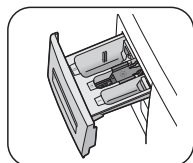


- Fabric softeners, or similar products, should be used as specified by the fabric softener instructions.

Checking Your Appliance

Part names

Detergent drawer (P. 10)



Control panel
(P. 8)

Door

Hinge

Adjustable feet
(P. 36)

Drum

Door seal

Drain filter cover
(P. 25)

Drain hose
(P. 37, 38)

Water inlet (P. 38)

Shipping bolts
(P. 36)

Power cord and plug

Accessories

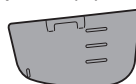
☐ Hose hanger (1) (P. 38)



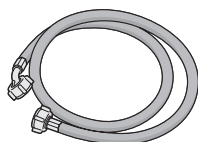
☐ Cover cap (4) (P. 36)



☐ Liquid detergent level
plate (1) (P. 11)



☐ Water supply hose (1) (P. 37, 38)



Before Washing

Preparing laundry

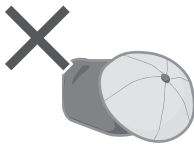
Cannot wash



Leather / fur



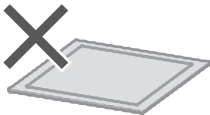
Silk, rayon and cupro
(Blended fabric)



Cap with hard
core materials



Cushion, Pillow, etc.



Urethane / rubber
backed or thick mats

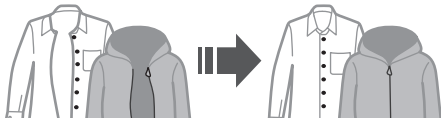


Paper diapers

Others ...

- Wrinkled and embossed articles
- Crepe fabric
- Deformable clothing (blazers, ties, dresses, etc.)
- Velvet

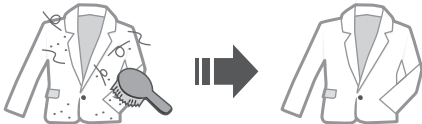
Pre-laundry check



Reverse



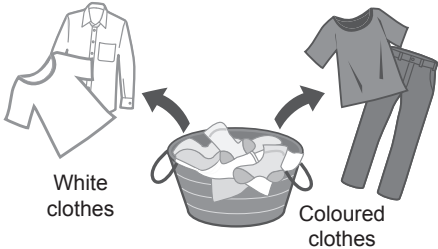
Clothes likely to pill



- Observe care labels.



- Wash separately.



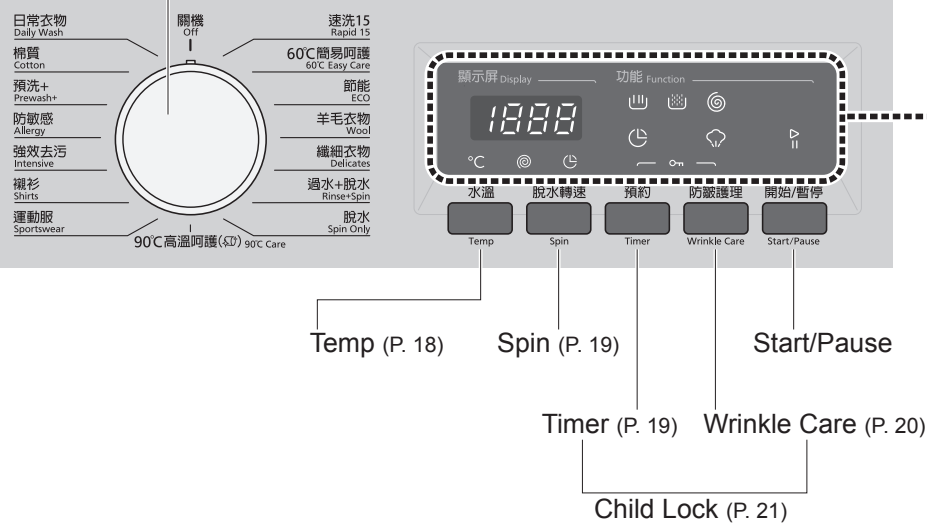
- Pretreat for heavy stains.



Control Panel

Control buttons

Program selection dial (P. 14)



NOTE

- To change the program after operation starts
 - ➡ Turn the dial to "Off", then select a new program.
- In case of a power failure
 - ➡ When the power recovers, operation resumes from where it stopped. (Auto Restart)

Display

Process



Prewash/Wash



Rinse



Spin



Remaining time



(e.g.)

Water temperature (P. 18)



(e.g.)

Spin speed (P. 19)



(e.g.)

Error display (P. 32)



(e.g.)

Timer (P. 19)

Wrinkle
Care (P. 20)

Start/Pause

● During operation



● During pause



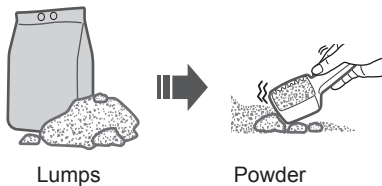
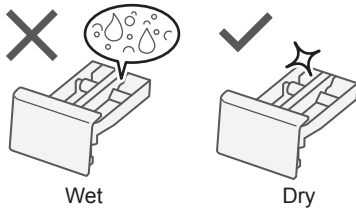
Detergent

● Follow the instructions on each package.

Detergent

Use a low foam detergent.

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



Main wash

Powder detergent

Liquid detergent

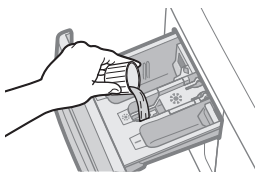


Bleach



Strong acid cleanser

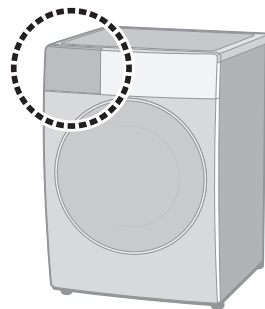
Fabric softener



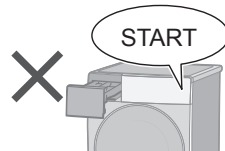
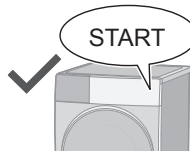
Separated or solidified softeners



Concentrated softener

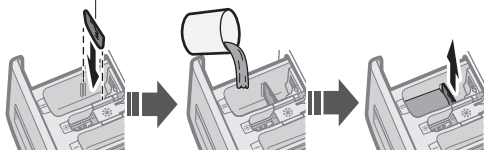


NOTE



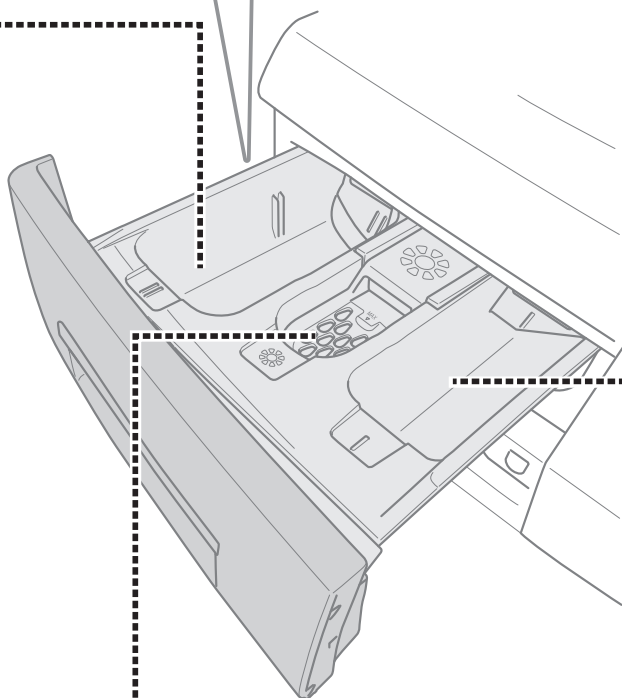
For liquid detergent

Liquid detergent
level plate

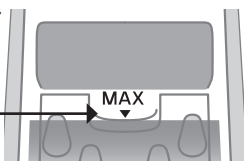


Make sure to detach it before starting the program.

Prewash (P. 17)

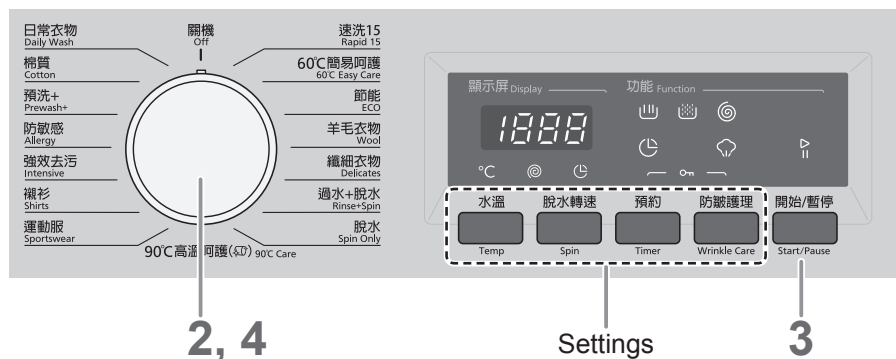


Softener



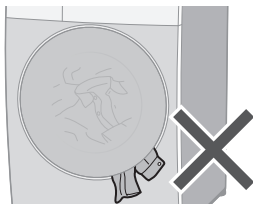
Washing

Basic Method

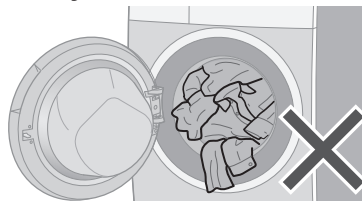


NOTE

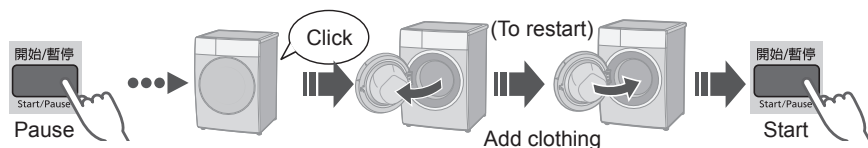
■ Do not let laundry get caught in the door.



■ Do not overfill the drum with laundry.



To open the door during operation



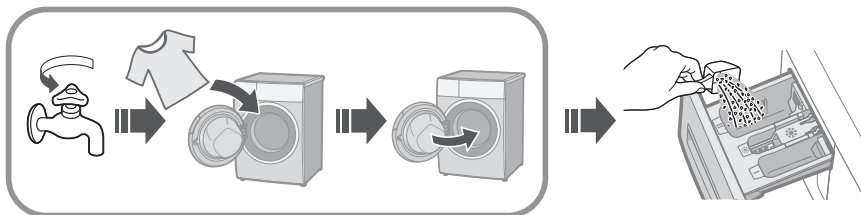
NOTE

● Door does not open.



If the dial is turned to "Off" during operation, the door remains locked.
To unlock the door
▶ Turn the dial to any program.

1



2



Select a program.
(P. 14)

■ Changing the settings.



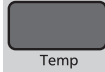
Displays the total time.



(e.g.)

Settings

水溫



Temp

(P. 18)

脫水轉速



Spin

(P. 19)

預約



Timer

(P. 19)

防皺護理



Wrinkle Care

(P. 20)

3



Start

4



開機

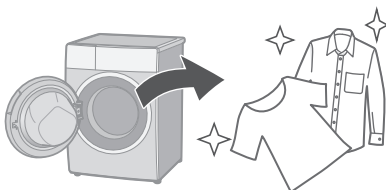
Off

Select
"Off"



(Off)

5



Program List

Program	Description	Max. load *1 (kg)	Total time
Daily Wash	Everyday clothes (Quicker than "Cotton" program) 	3.0	1:20
Cotton	Everyday clothes (Cotton and linen) 	6.0	3:18
Prewash+	Prewash + Wash → Rinse → Spin, heavily soiled NOTE Detergent needs to be added to both compartment I and II. (P. 10, 11) 	6.0	2:44
Allergy	Hygiene wash Clothes for sensitive skin 	3.0	3:17
Intensive	Washing at 60 °C, heavily soiled (Cotton and linen)  60 °C 	6.0	2:25
Shirts	Preventing heavy wrinkles (Cotton, synthetic, synthetic-mixed) 	3.0	1:52
Sportswear	Synthetic fibre 	3.0	2:15
Rapid 15 *2	Small loads, lightly soiled 	2.0	0:15
60 °C Easy Care	Washing at 60 °C in 60 minutes (Cotton and linen)  60 °C  	3.0	1:00

Program	Description	Max. load *1 (kg)	Total time
ECO	Energy consumption is efficient. Small loads, lightly soiled (Cotton and linen) 	3.0	0:59
Wool	Machine-washable woollen clothes 	2.0	0:43
Delicates	Washing gently 	2.0	1:30
Rinse+Spin	- Rinsing only after the washing cycle - Fabric softener can be used. 	6.0	0:42
Spin Only	Spinning only after the washing cycle 	6.0	0:17
90 °C Care *3	Washing at 90 °C, heavily soiled (only for white clothes)  90 °C 	6.0	3:00
	Cleaning the drum at 90 °C  90 °C 	—	

*1 Towels should be half the maximum load because they absorb water and become heavy.

*2 Due to short washing time, using less detergent is recommended.

When detecting uneven load, the program may exceed 15 minutes.

*3 Please check the care labels on clothes before as it will be high temperature.

- **Total time is approximate** (When the standard water supply rate is 15 L / min). For each program's default water temperature.

Details of Programs

Settings Program	Auto setting		Setting range		Optional functions	
	Temp (°C)	Spin (r/min)	Temp (°C)	Spin (r/min)	Timer	Wrinkle Care
Daily Wash	30	800	Cold, 30	—, 400, 600, 800	✓	✓
Cotton	40	1200	40, 60	—, 400, 600, 800, 1000, 1200	✓	✓
Prewash+	60	1200	Cold, 30, 40, 50, 60	—, 400, 600, 800, 1000, 1200	✓	✓
Allergy	60	800	Cold, 30, 40, 50, 60	—, 400, 600, 800	✓	✓
Intensive	60	1200	Cold, 30, 40, 50, 60	—, 400, 600, 800, 1000, 1200	✓	✓
Shirts	60	600	Cold, 30, 40, 50, 60	—, 400, 600	✓	✓
Sportswear	40	1000	Cold, 30, 40	—, 400, 600, 800, 1000	✓	✓
Rapid 15	30	800	Cold, 30	—, 400, 600, 800	✓	✓
60 °C Easy Care	60	1200	Cold, 30, 40, 50, 60	—, 400, 600, 800, 1000, 1200	✓	✓
ECO	20	1200	Cold, 20	—, 400, 600, 800, 1000, 1200	✓	✓
Wool	30	600	Cold, 30	—, 400, 600	✓	✓
Delicates	30	600	Cold, 30	—, 400, 600	✓	✓
Rinse+Spin	—	1200	—	—, 400, 600, 800, 1000, 1200	✓	✓
Spin Only	—	1200	—	400, 600, 800, 1000, 1200	✓	✓
90 °C Care	90	1200	Cold, 30, 40, 50, 60, 70, 80, 90	—, 400, 600, 800, 1000, 1200	✓	✓

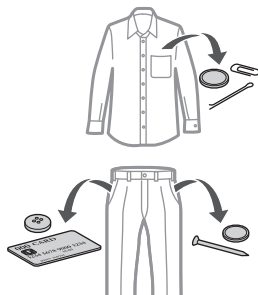
NOTE

- Actual water temperature may differ from the declared cycle temperature.
- These 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.

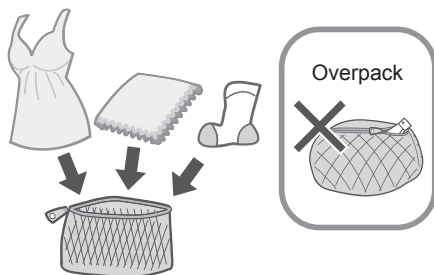
Washing Tips

Before put clothes in drum

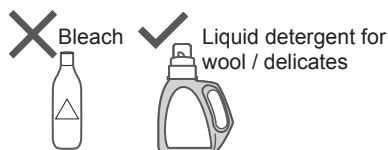
- Remove foreign objects.



- Use laundry nets for delicates and small items.

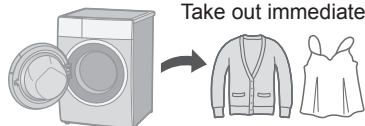


Wool / Delicates

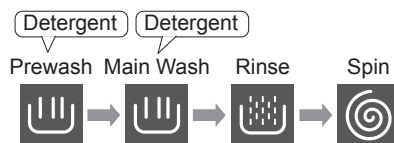


■ After operation ends

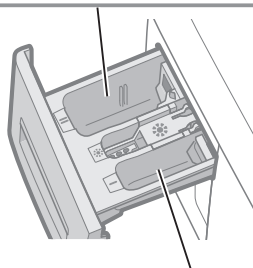
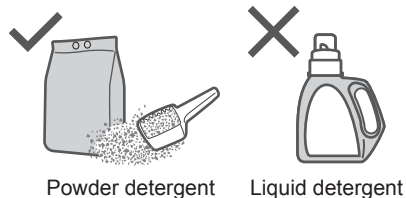
Take out immediately



Prewash+



Main wash



Prewash (P. 11)

1/4 amount of detergent to be used

- Liquid detergent put in the main wash compartment will just flow out during prewash.
- Detergent needs to be added to both compartment I and II.

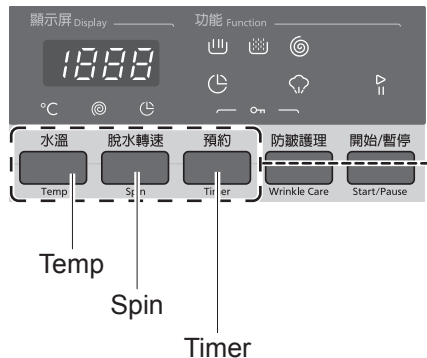
Changing Program Settings

■ Preparing

- Sort the laundry and put it into the drum. (P. 7)
- Add the detergent. (P. 10)



2 Change the program's settings.



- Available options and setting ranges are different depending on the program. (P. 16)



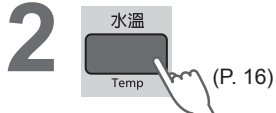
Temp

Change the washing temperature.



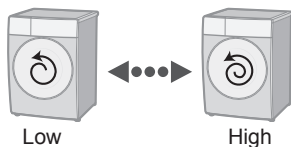
■ Setting guide

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



Spin

Change the spin speed.



■ Setting guide

Low	High
● To reduce wrinkling	● To dry more thoroughly

2

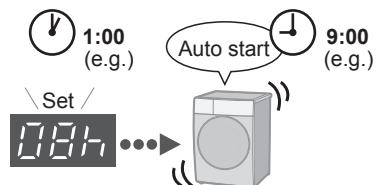
脱水轉速



(P. 16)

Timer

Set how many hours later to start operation. (Up to 23 hours)



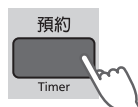
2



Press or hold



■ To cancel after setting



NOTE

- All indications turn off except



Changing Program Settings (continued)

■ Preparing

- Sort the laundry and put it into the drum. (P. 7)
- Add the detergent. (P. 10)

1  (P. 14)

2 Change the program's settings.



Wrinkle Care

- Available options and setting ranges are different depending on the program. (P. 16)

3  Start

Wrinkle Care

Generates warm steam after  (Spin), making ironing faster and easier.

2  Wrinkle Care



- **To cancel:**
Same procedure

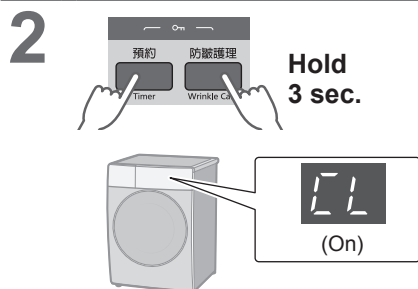
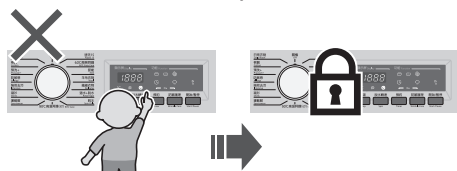
NOTE

- When using "Wrinkle Care", temperature will be over 70 °C. Please check care labels on clothes before using this function.
- If the amount of clothes is small, it may be wet.

Changing Appliance Settings

Child Lock

All are locked, except "Off".



■ **To cancel:**
Same procedure

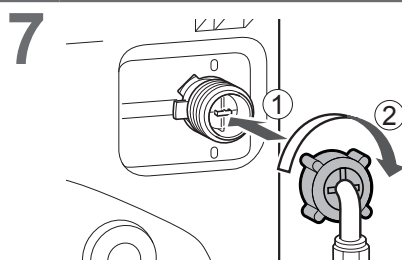
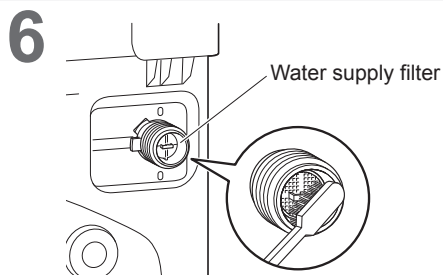
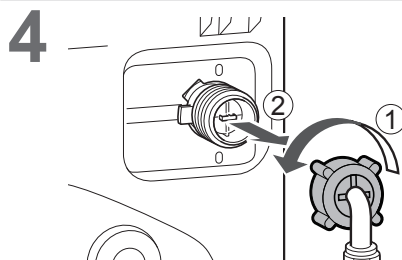
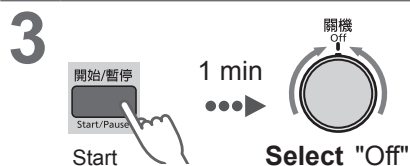
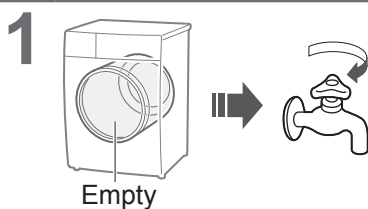
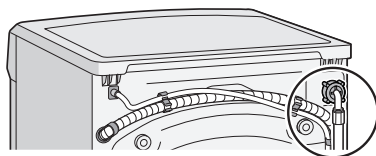
NOTE

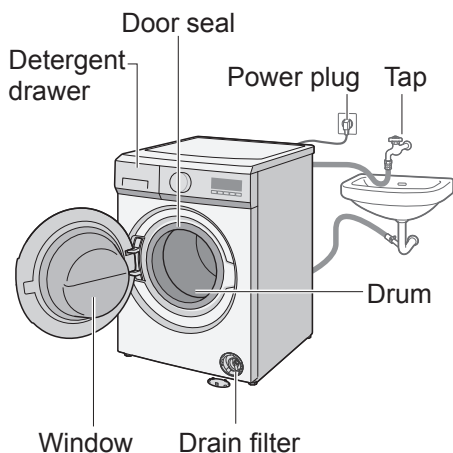
- "Child Lock" is not released, even when the dial is turned to "Off".
- If the dial is turned to "Off" during operation while "Child Lock" is set, even if a different program is selected, the current program will start from the point where it stopped.
(The program is not changed)

Maintenance

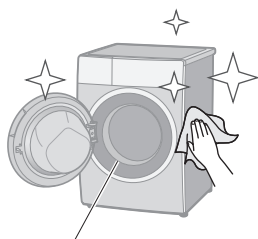
Water supply filter

Every 2 months





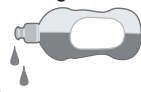
Appliance



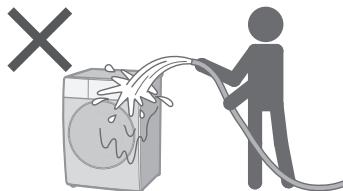
Door seal

For heavy soil

Mild kitchen detergent



NOTE

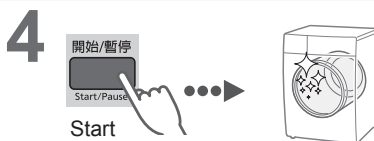


- Do not use gritty cleaners or thinners, or products containing alcohol or paraffin oil.

Drum

Regularly according to the need

Clean the drum by using 90 °C high temperature sterilization.



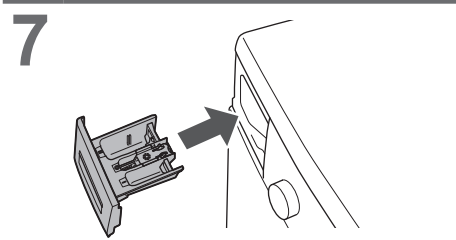
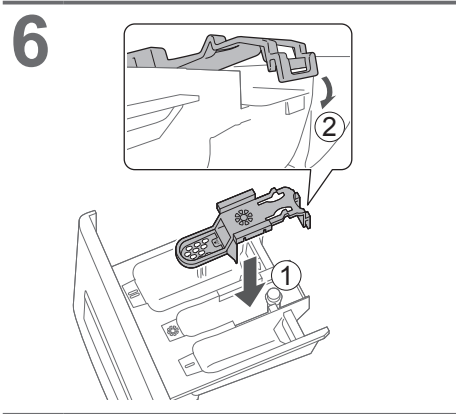
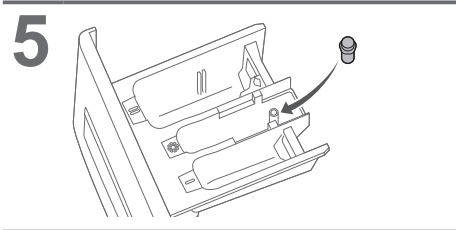
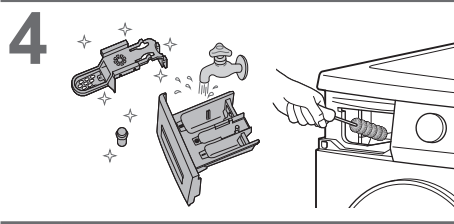
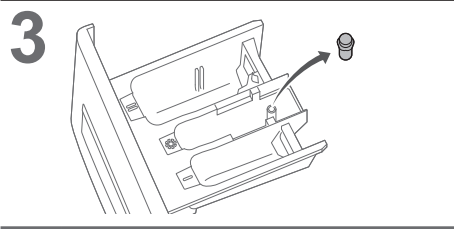
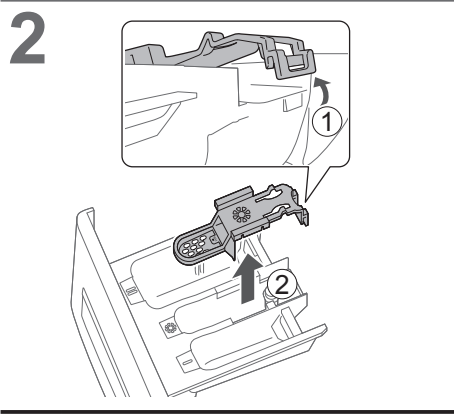
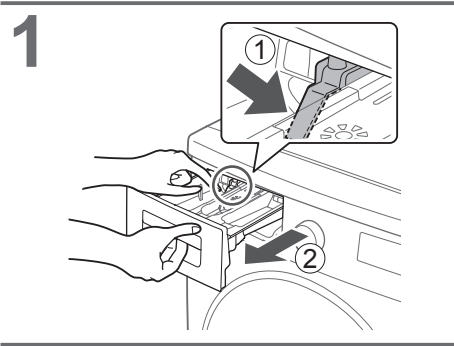
NOTE

- Clothes or other washing items cannot be added.

Maintenance (continued)

Detergent drawer

Every 2 months



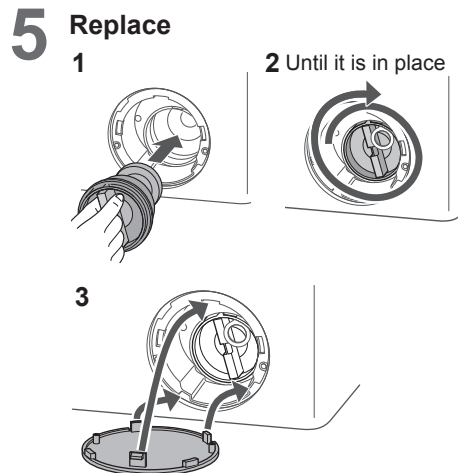
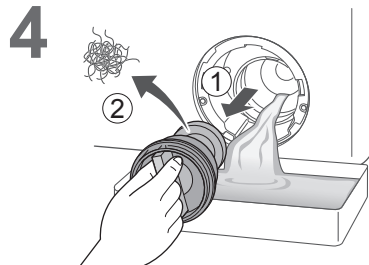
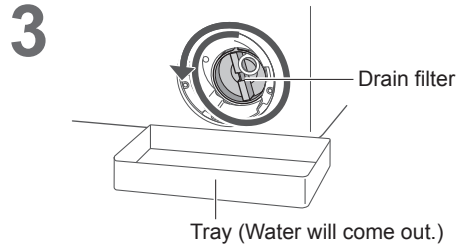
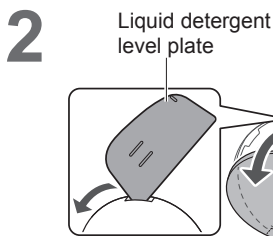
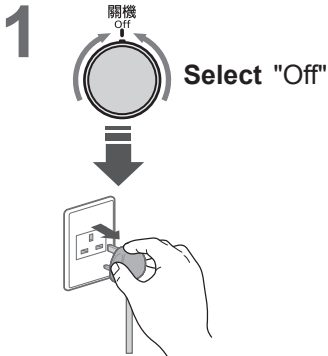
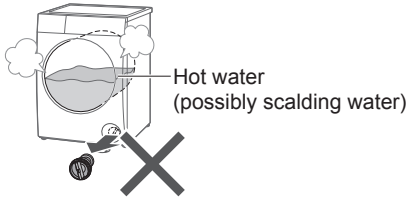
Drain filter

Every 2 months

Be sure to check the following before this procedure.

- Water in the drum has been drained.
- The operation has finished.
- The drum is empty.

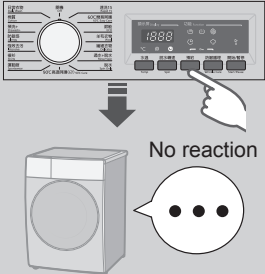
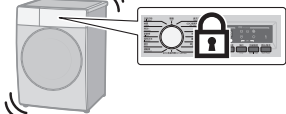
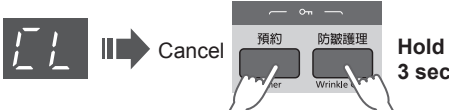
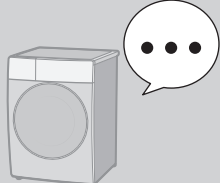
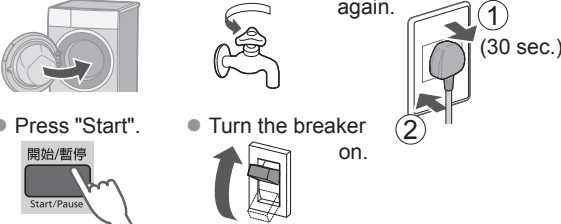
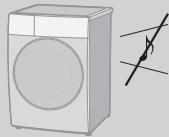
CAUTION

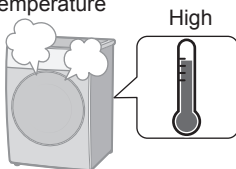


NOTE

- Depending on drainage conditions, the remaining water amount may increase.

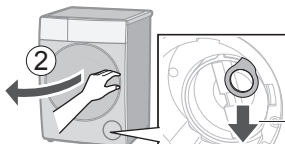
Troubleshooting

	Symptoms	Points to be checked
Main unit	Touch the buttons  No reaction	□ Possible cause ● During an operation  □ Try ● Child Lock (P. 21) 
	No operation 	□ Check ● Power cut ● Timer ● "Off"  □ Try ● Close the door. ● Turn on. ● Unplug and insert again.  ● Press "Start". ● Turn the breaker on. 
	Odour of rubber 	□ Possible cause  □ Try ● "90 °C Care" (P. 23)
	No buzzer sounds 	□ Possible cause ● This is normal. This model does not have a buzzer.

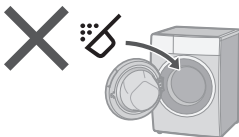
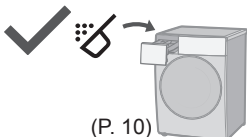
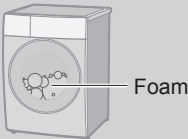
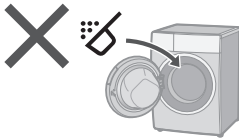
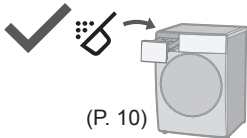
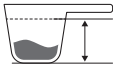
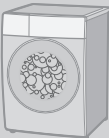
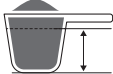
Symptoms		Points to be checked
Main unit	Door does not open 	☐ Possible cause ● During an operation  Door is locked. To open the door during operation (P. 12)
		☐ Check ● Temperature 
		NOTE  Power cut  Restored Door is locked.  ⇒  ⇒ Door is locked. 

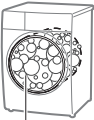
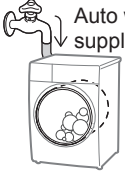
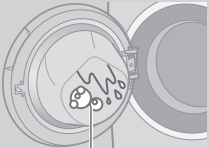
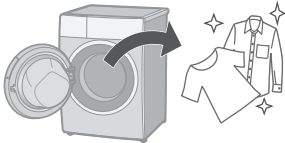
If the door remains locked in case of a power cut, etc.

■ To open the door

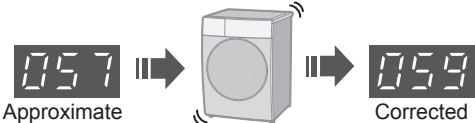
- 1 
- 2  Select "Off"
- 3 
- 4 Drain the water in the drum. See P. 25.
- 5 
 - ① Keep pulling down

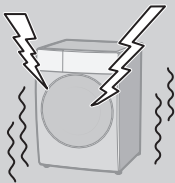
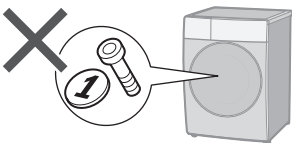
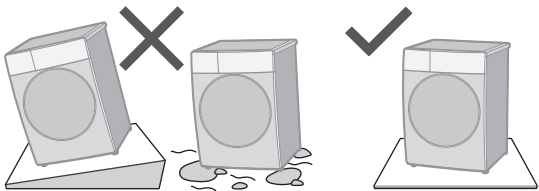
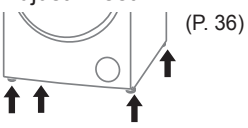
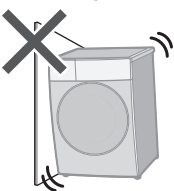
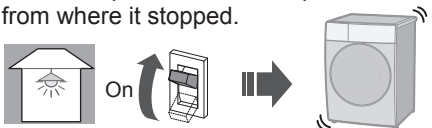
Troubleshooting (continued)

	Symptoms	Points to be checked
Detergent and foam	After washing 	☐ Check   (P. 10)
		☐ Possible cause ● The amount of foam varies. ● Temperature ● Water hardness  
	Not enough 	☐ Check ● Powder detergent   (P. 10) ● Too little detergent ● Low foam detergent ● Heavily soiled ● Load too large    
	Too much 	☐ Check ● Too much detergent 

	Symptoms	Points to be checked
Wash	During a wash  	☐ Possible cause Excess foam  Foam Foam detection function  Auto drainage  Auto water supply
	During the spin process  Stop  Rotates several times	☐ Possible cause Unevenness  Auto correct  Stop Auto correct ☐ Try Too light  Add 1 or 2  Bath towels
Rinse/Spin	After washing  Foam or water	☐ Try Wipe  

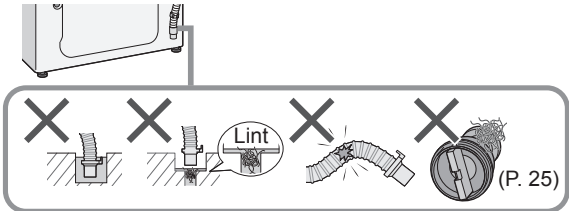
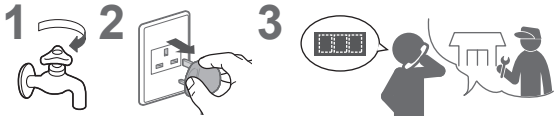
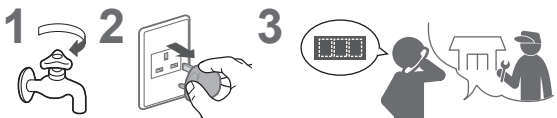
Troubleshooting (continued)

	Symptoms	Points to be checked
Time	During a wash Displayed time  Changes	☐ Possible cause - Remaining time is corrected during operation.  - If the settings are changed  - If clothes are uneven  ⇒ The remaining time may increase.
	Remaining time Does not decrease  or Suddenly decrease 	☐ Possible cause The displayed time is a guideline.
Noise	During water drainage 	☐ 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.  ● Touching  ● Uneven 
Others	Power cut  Breaker 	☐ Check ● When the power recovers, operation resumes from where it stopped. 

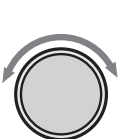
Error Display

Error code	Code description	Points to be checked
E01	Door is open	 ● If not resolve, 1 2 3    Contact the nearest authorized service agent.
E02	Unable to supply water	● Check Water outage  Turned off  Water supply filter (P. 22)  ● Check the water pressure. (0.1 - 1 MPa) ● If not resolve, 1 2 3    Contact the nearest authorized service agent.

Error code	Code description	Points to be checked
E03	Unable to drain	● Check  ● Confirm that the drain hose is attached correctly. (P. 38) ● If not resolve,  Contact the nearest authorized service agent.
E04	Overflow	Failure of the water supply valve, etc.  Contact the nearest authorized service agent.

■ To restart:

- 

Select "Off"
- 

Select a program
- 

Start

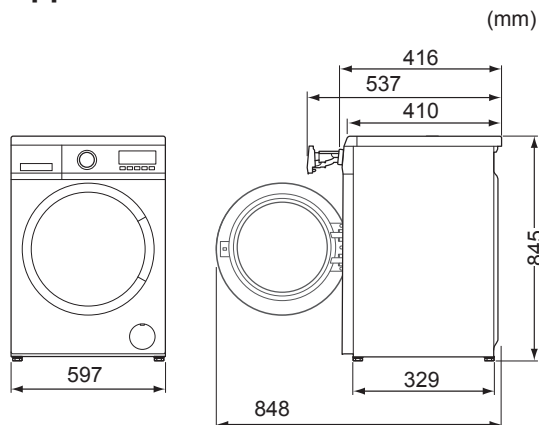
Choosing the Right Location



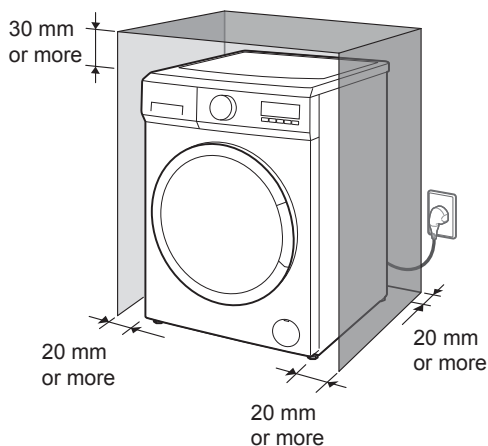
Make sure to ask a service person for installation.

- 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



Set-in installation



Check the location.



NOTICE

May cause malfunction.

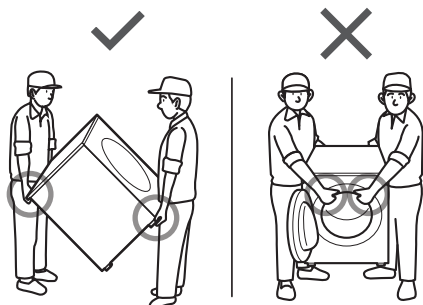


Do not install the appliance near the equipment that generates electromagnetic waves, such as an IH rice cooker.

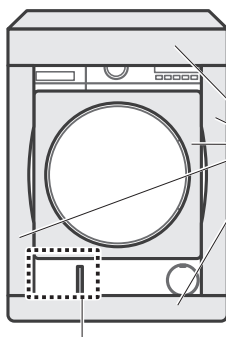
Moving and Installing

Carrying the appliance

Do not do it alone.



Unpacking the appliance



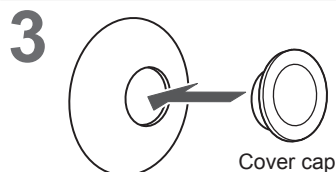
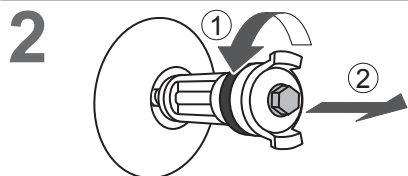
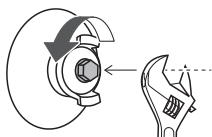
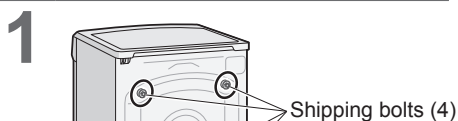
Remove all packaging material.

Remove the polystyrene foam that is fixed with a tape.

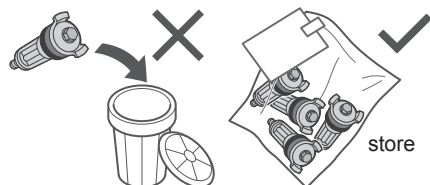
NOTE

- There is a risk of suffocation. Keep all packaging material (e.g. Films, polystyrene foam) well away from children.

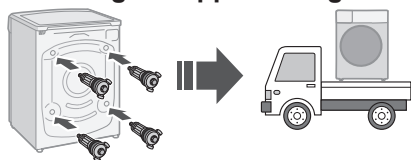
Removing the shipping bolts



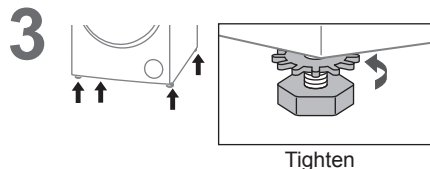
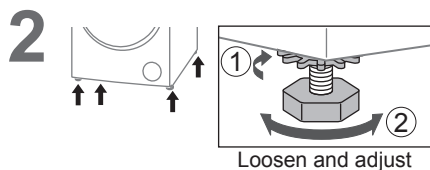
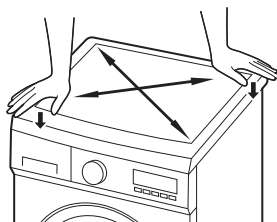
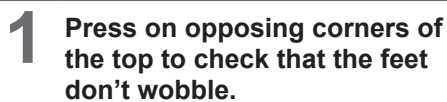
NOTE



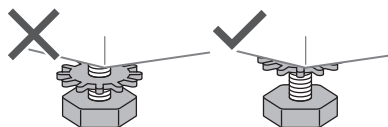
■ Moving the appliance again



Levelling the appliance



NOTE



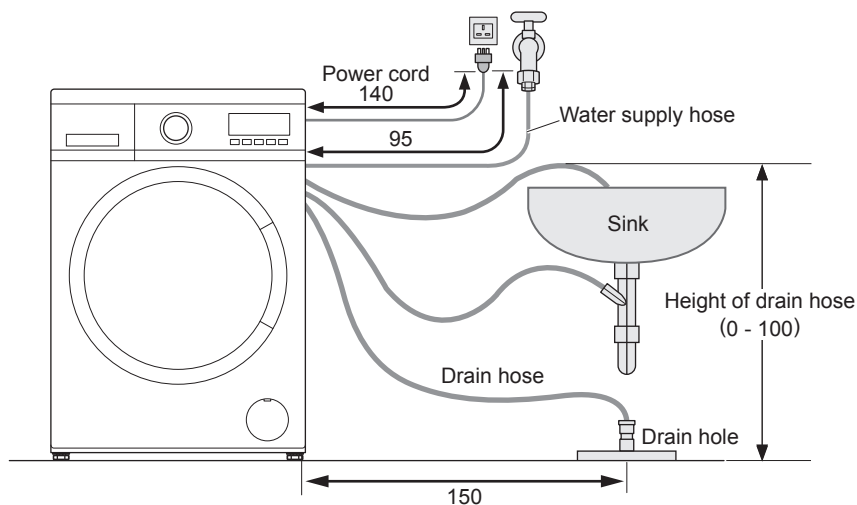
Connecting the Hoses

Connect the hoses properly to prevent water leaks.

Maximum connection distances for hoses and the power cord

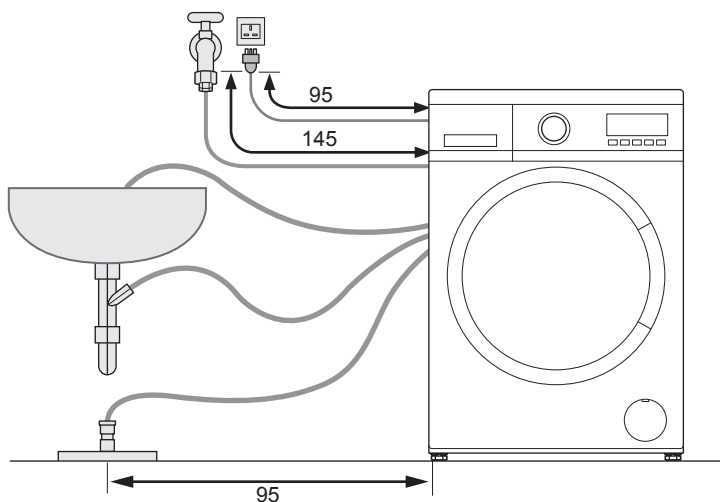
Right side connection

(cm)



Left side connection

(cm)



Connecting the Hoses (continued)

Water supply hose

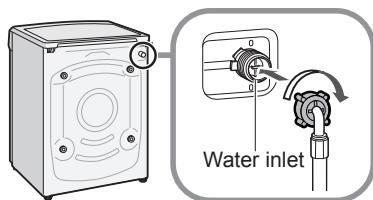
■ Connecting the water supply hose



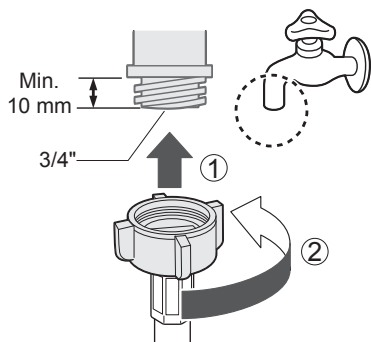
CAUTION

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

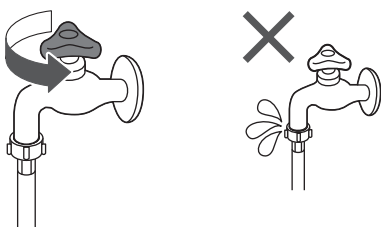
1



2



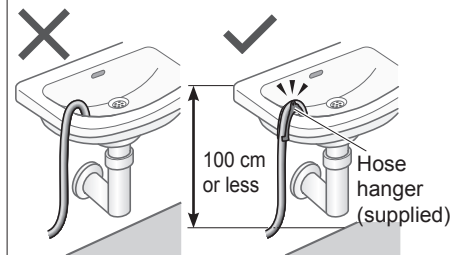
3



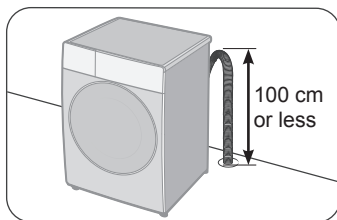
Drain hose

■ Draining to a sink or wash basin

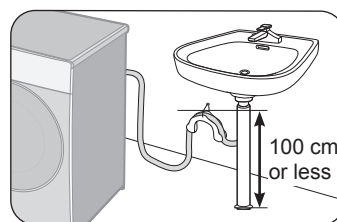
NOTICE



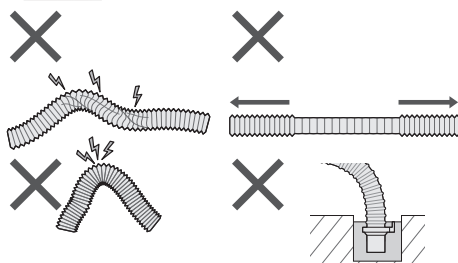
■ Draining to a floor directly



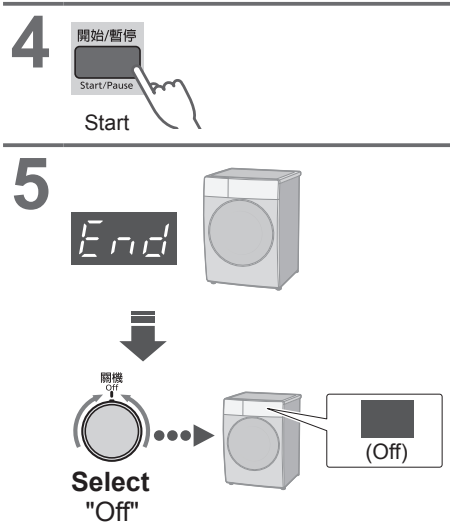
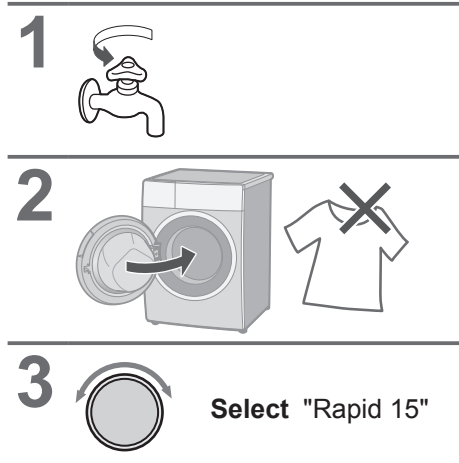
■ Draining to a sink drain hose branch



NOTE



Installation **Test Run**



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

	NA-12LE1
Rated voltage (V)	220 - 240
Rated frequency (Hz)	50
Maximum energy rated power input (W)	1850
Maximum spin speed (r/min)	1200
Product dimensions (W x D x H) (mm)	597 × 416 × 845
Product weight (kg)	59
Maximum mass of dry cloth (kg)	6.0
Pressure of tap water (MPa)	0.1 - 1