

Panasonic®

Operating & Installation Instructions

Washer Dryer (Household Use)

Model No. **NA-S22DG1**
NA-S20DG1



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.

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AWW9901CJ4C0-0C0

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. 26)



Hold
3 sec.

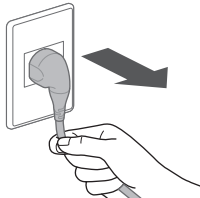


May cause fire or electric shock

Do not touch it
with wet hands.



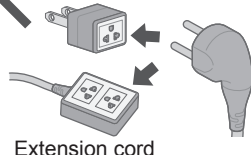
Do not hold or
pull on the cord.



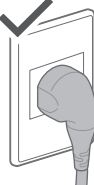
Do not use.



Plug adaptor



Fully insert it.

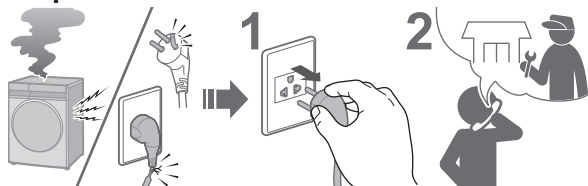


Do not use.

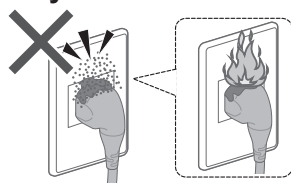


- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

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.**

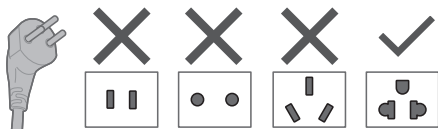


Wipe the power plug periodically.



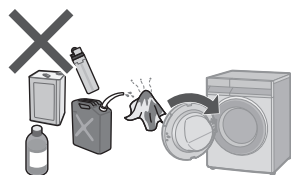
Use a socket appropriate for this appliance.

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.



Safety Precautions (continued)



WARNING

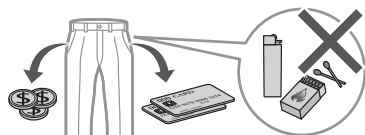
May cause fire (For safety use of the dryer)

Do not dry items soiled with flammable materials.



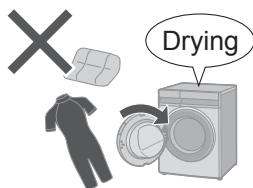
- Items that have been soiled with substances such as cooking oil, acetone, alcohol, petrol, kerosene, spot removers, turpentine, waxes, wax removers and cosmetic oils must not be dried in the appliance even after having been washed.

Empty all pockets.



- Make sure that no objects are left in any of the pockets. Pay particular attention to cigarette lighters and matches. They may cause fire.

Do not dry items made of rubber, etc.



- Items such as foam rubber (latex foam), shower caps, waterproof textiles, airtight fabrics, rubber backed articles and clothes or pillows fitted with foam rubber pads should not be dried in the appliance. Such materials may be destroyed and thereby damage the appliance.
- Do not dry unwashed items in the appliance.

The lint must not be allowed to accumulate around the appliance.



Observe the following.

- Never stop the appliance before the end of the drying cycle unless all items are quickly removed and spread out so that the heat is dissipated.
- The appliance is not to be used if industrial chemicals have been used for cleaning.
- The appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by a utility.



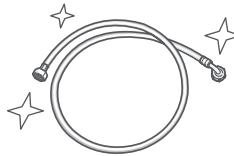
CAUTION

May cause water leakage

Turn off the water faucet.



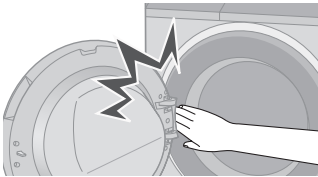
Use new hose-sets.



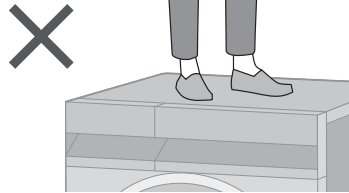
- New hose-sets supplied with the appliance are to be used and old hose-sets should not be reused.

May cause injury

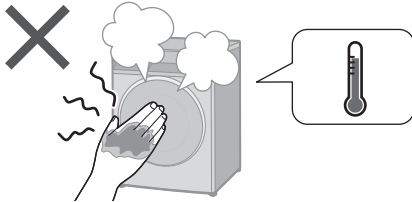
Be careful not to get your fingers caught.



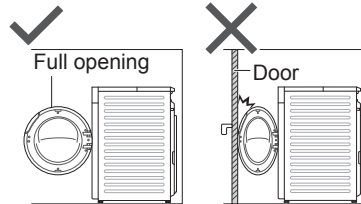
Do not climb on the appliance.



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. 48.

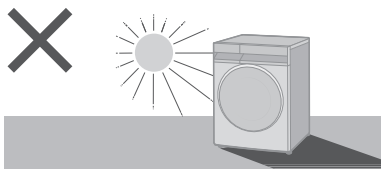
Safety Precautions (continued)



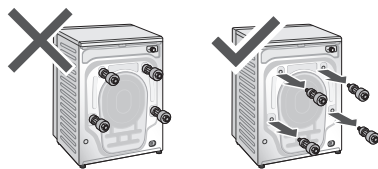
CAUTION

May cause failure

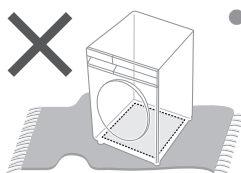
Keep away from heat and direct sunlight.



Remove anchor bolts before operation.

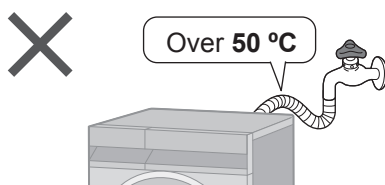


Do not obstruct.

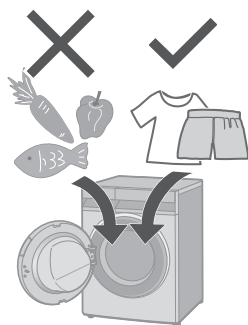


- Do not obstruct the openings of the bottom face with carpet, etc.

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 laundrettes.

Do not wash excessively oily clothes.



Follow the instructions.

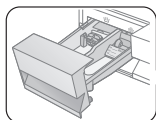


- Fabric softeners, or similar products, should be used as specified by the fabric softener instructions.

Checking Your Appliance

Part names

Detergent drawer (P. 13)



Control panel
(P. 10)

Door

Drum

Hinge

Door seal

Adjustable feet
(P. 44)

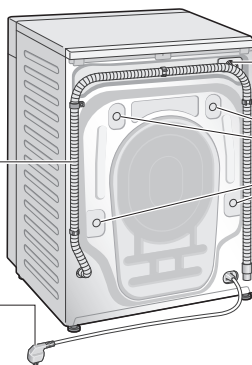
Drain filter cover
(P. 31)

Drain hose
(P. 45, 46)

Water inlet (P. 46)

Anchor bolts
(P. 44)

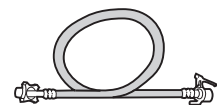
Power cord and plug*
*The plug shape varies
with the region.



Accessories

☐ Water supply hose* (1) (P. 45, 46)

* The hose supplied depends on the region the unit is sold in.
(Joint type)



1.5 m

☐ Water tap adaptor* (1) (P. 45, 46)



* For Joint type only

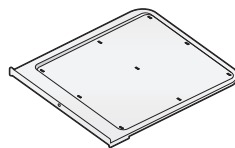


1.5 m

☐ Elbow (1) (P. 46)



☐ Bottom cover (1)
/ Screw (1) (P. 43)



☐ Cover caps (4) (P. 44)

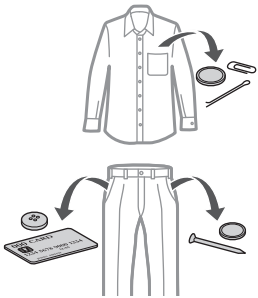


Before Washing/Drying

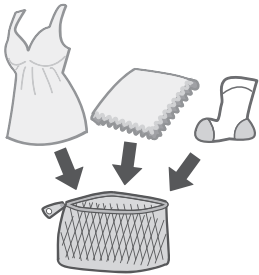
Preparing laundry

Before put clothes in drum

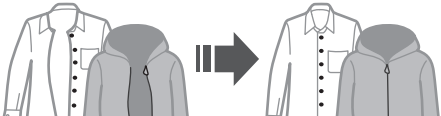
- Remove foreign objects.



- Use laundry nets for delicates and small items.



Pre-laundry check



Reverse



Clothes likely to pill



- Wash separately.



White clothes



Coloured clothes

- Pretreat for heavily stains.



- Observe care labels.



Cannot wash or dry

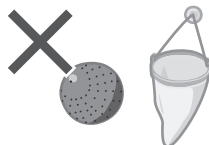
Cannot wash or dry



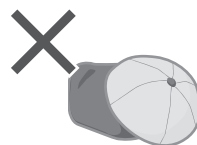
Leather / fur



Silk, rayon and cupro
(Blended fabric)



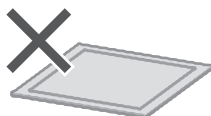
Commercially
available washing aids



Cap with hard
core materials



Cushion, Pillow, etc.



Urethane / rubber
backed or thick mats

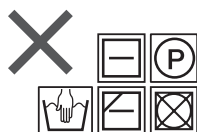


Paper diapers

Others ...

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

Cannot dry



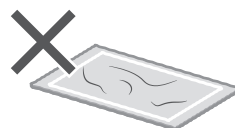
Any of the above
marks



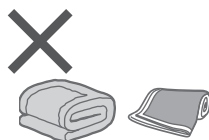
Woollen clothing



Tights or pantyhose



Mats and other
items with hair of
pets attached



Quilts



Starched clothing



Clothing with laces
or embroidery, new
synthetic fibres, etc.

NOTE

- May cause clothing deformation, damage and harm or malfunction to the appliance.

Control Panel

Display

Tub Hygiene lamp (P. 30)

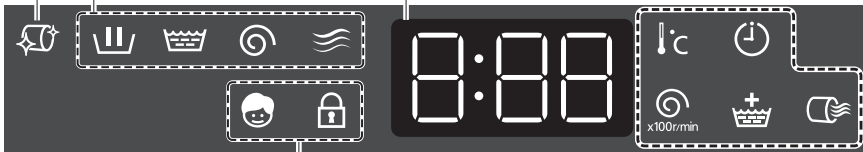
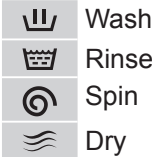
Remaining time



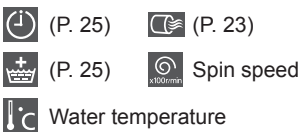
Error display (P. 40, 41)



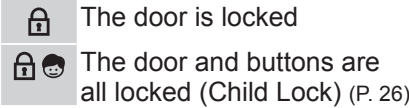
Process



Optional function lamp



Lock

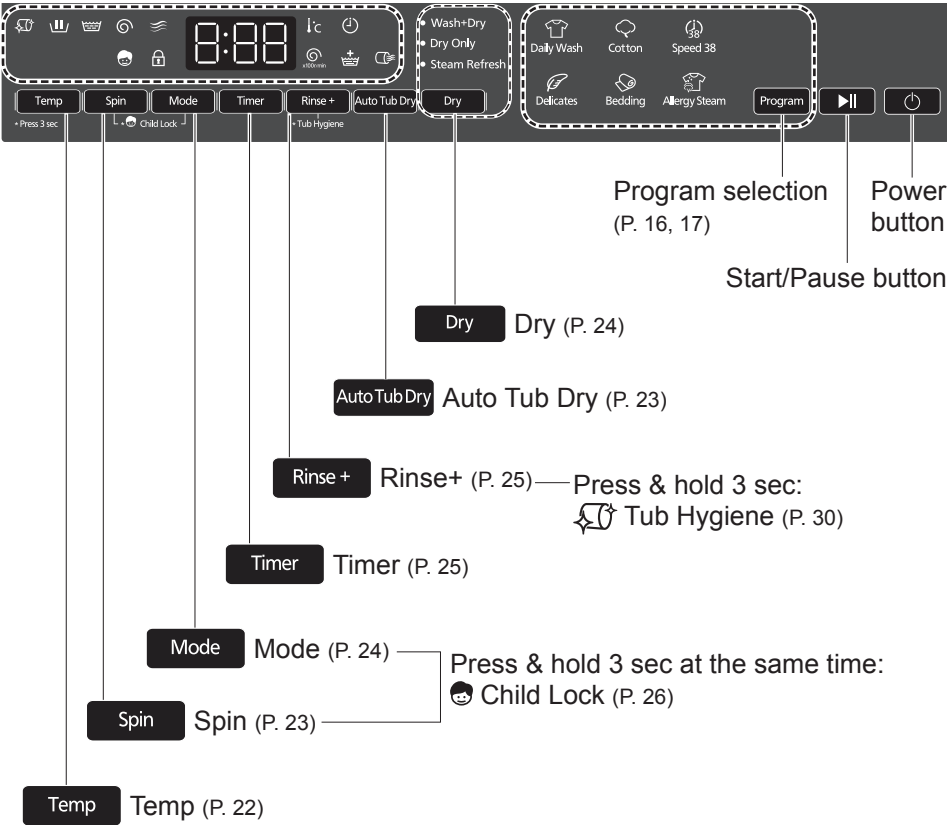


Touch operation

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



Control buttons



NOTE

- Turn off $\Rightarrow$ back on
- No operation $\Rightarrow$ auto power off
- In case of a power failure
 - $\Rightarrow$ When the power recovers, operation resumes from where it stopped. (Auto Restart)

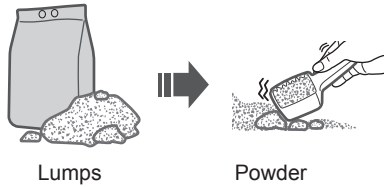
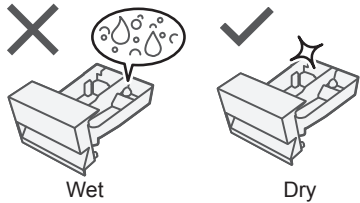
Detergent

● Follow the instructions on each package.

Detergent

Use a low foam detergent.

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



Detergent

Powder detergent

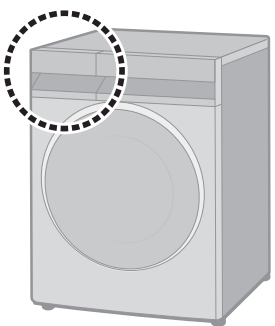
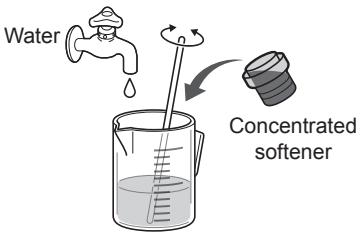
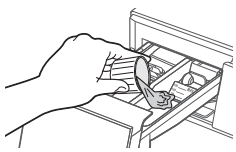
Liquid detergent



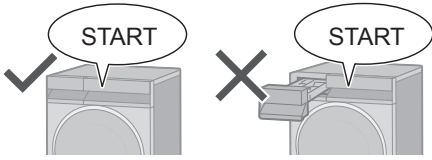
Bleach

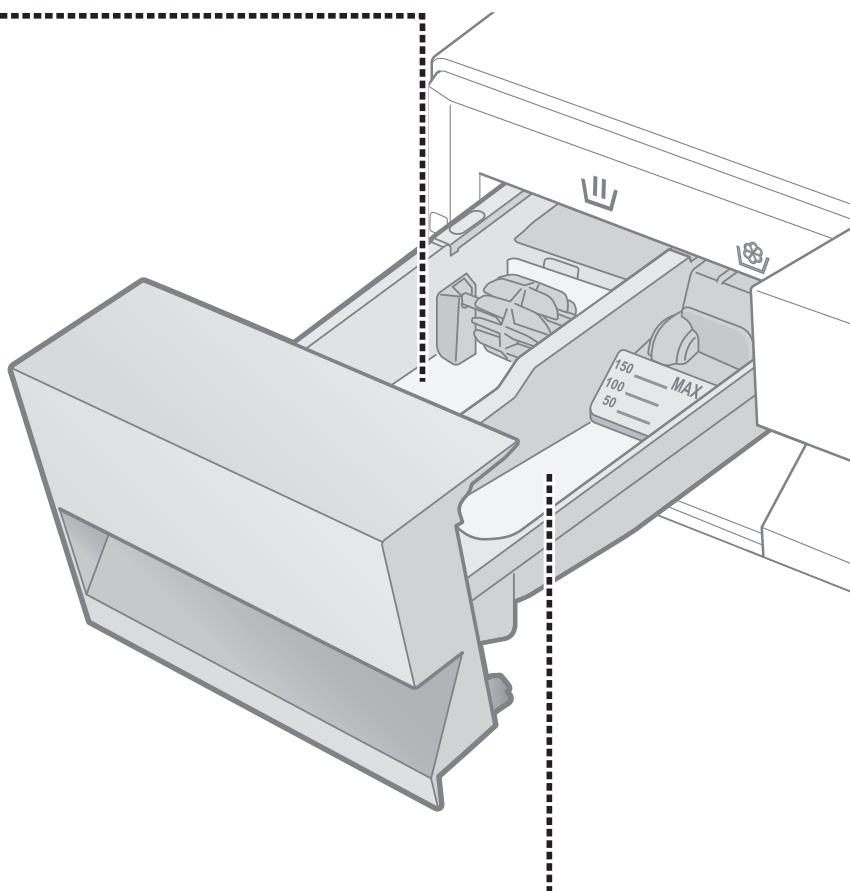


Fabric softener



NOTE

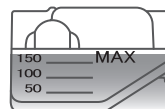
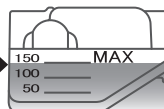




 Fabric softener

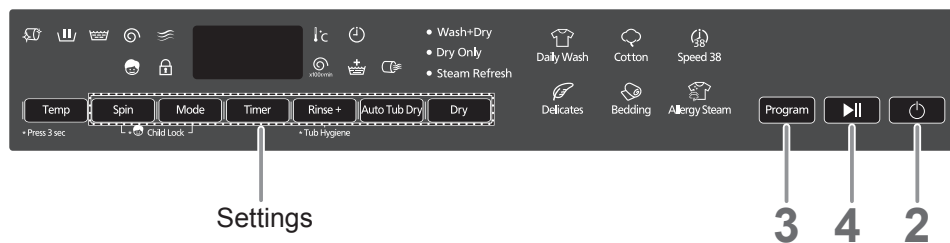


Max. 150 ml



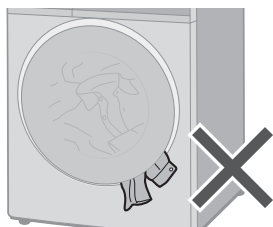
Washing & Drying

Basic Method



NOTE

■ Do not let laundry get caught in the door.

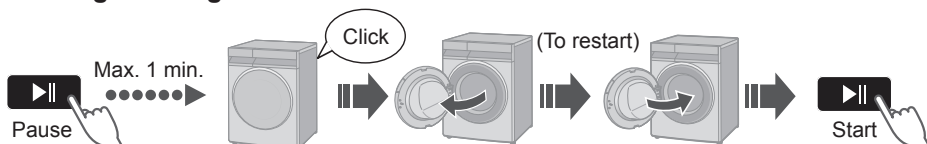


■ Do not overfill the drum with laundry.

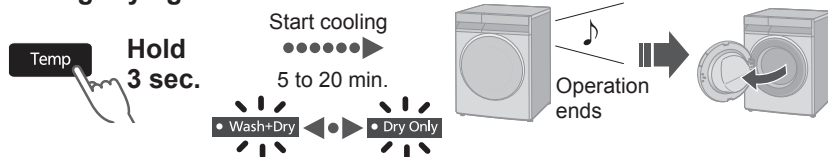


■ To open the door during operation

● During washing



● During drying

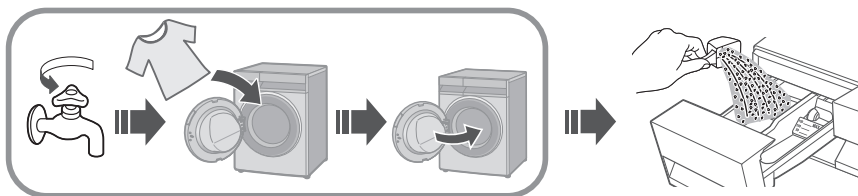


NOTE

● Door does not open ➡ (P. 34)



1



2



NOTE

The displayed program may vary depending on your washing history.
(My Smart Memory) (P. 26)

3

Program

Select a program. (P. 18)

■ **Changing the settings.**

Settings

Temp

Temp
(P. 22)

Spin

Spin
(P. 23)

Mode

Mode
(P. 24)

Timer

Timer
(P. 25)

Rinse +

Rinse+
(P. 25)

AutoTubDry

Auto Tub
Dry (P. 23)

Dry

Dry
(P. 24)

4



Start



Measures the
amount of laundry



(30 sec.)



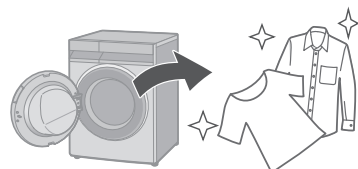
Displays the time required
(recalculated)



(e.g.)



5



Program List

WASH & DRY / WASH

Program	Description	Max load (kg)		Total time		
		Wash		Dry	WASH	WASH & DRY
		S22DG1	S20DG1			
 Daily Wash	● Everyday clothes 	11.0	10.0	7.0	1:30	3:55 - 7:35
 Cotton	● Everyday clothes with extra time (more water savings than “Daily Wash” program) 	11.0	10.0	7.0	3:00	5:25 - 9:05
 Allergy Steam	● For mites 	5.0		5.0	2:05	4:30 - 6:00
 Tub Hygiene	● Cleaning the drum. 	None			3:45	4:30

DRY

Program	Description	Max load (kg)	Total time
Dry Only  Press 2 times	● Used to dry clothes. 	7.0	1:39 - 6:10

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

WASH

Program	Description	Max load (kg)	Total time
 Speed 38	● Small loads 	5.0	0:38
 Bedding	● Large items 	3.0	1:30
 Delicates	● Washing gently 	2.0	0:50



Details of Programs

Settings Program		Auto setting			Temp (°C)
		Temp (°C)	Spin (r/min)	Dry	
WASH & DRY	 Daily Wash	40	1200	Wash+Dry	Cold, 30, 40, 60
	 Cotton	60	1400	Wash+Dry	Cold, 30, 40, 60
	 Allergy Steam	60	1400	Wash+Dry	60
	 Tub Hygiene	40	1200	Wash+Dry	40
WASH	 Daily Wash	40	1200	–	Cold, 30, 40, 60
	 Cotton	60	1400	–	Cold, 30, 40, 60
	 Allergy Steam	60	1400	–	60
	 Tub Hygiene	40	1200	–	40
	 Speed 38	40	1200	–	Cold, 30, 40
	 Bedding	Cold	700	–	Cold, 30
	 Delicates	30	500	–	Cold, 30, 40
DRY	Dry Only	–	1200 ^{*2}	Dry Only	–
	Steam Refresh	–	–	Steam Refresh	–

NOTE

- For normally soiled laundry at the rated capacity, we recommend using the “Cotton, 60 °C, 1400 r/min” which is tested in accordance with IEC 60456 for the energy and water efficiency aspects.
- “Cotton, 40 °C, 1400 r/min” program is recommended for Philippines to achieve better energy efficiency.
- 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.

Setting range			Optional functions				
	Spin (r/min)	Dry Mode	Mode	Timer	Rinse+	Auto Tub Clean	Auto Tub Dry
	1200, 1400	Wash+Dry	✓ ^{*1}	✓	✓	✓	—
	1200, 1400	Wash+Dry	✓ ^{*1}	✓	✓	✓	—
	1200, 1400	Wash+Dry	✓ ^{*1}	✓	—	✓	—
	1200	Wash+Dry	—	—	—	—	—
	0, 500, 700, 1200, 1400	—	✓	✓	✓	✓	✓
	0, 500, 700, 1200, 1400	—	✓	✓	✓	✓	✓
	0, 500, 700, 1200, 1400	—	—	✓	—	✓	✓
	1200	—	—	—	—	—	✓
	0, 500, 700, 1200, 1400	—	✓	✓	—	✓	✓
	0, 500, 700	—	✓	✓	✓	—	✓
	0, 500	—	✓	—	✓	—	✓
	1200, 1400	Dry Only	✓ ^{*1}	—	—	—	—
	—	Steam Refresh	—	—	—	—	—

*1 Setting time for “Wash+Dry” and “Dry Only”: 30, 60, 90, 150, 210, 320 min.

*2 In case of “Dry Only” mode,

If the weight of clothes is heavy, spin is performed: 1200 (r/min)

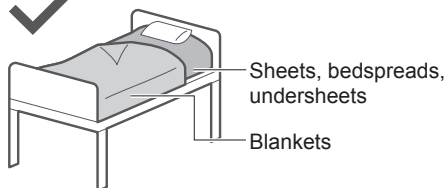
If the weight of clothes is light, spin is not performed: 0 (r/min)

Washing & Drying Tips

Bedding

■ Washable items

- (Wash)
- (Handwash)
- 100 % cotton or 100 % synthetic



■ Not washable items



Electric blankets



Wool



Silk

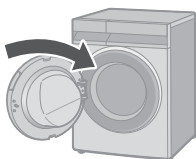


Long pile

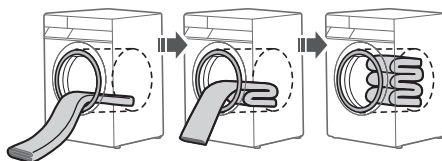
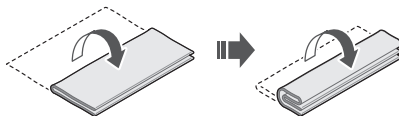


Fake fur

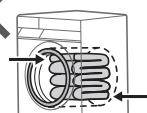
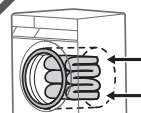
NOTE



■ Putting blankets into the drum



NOTE



Delicates

■ When washing

- To rinse fully, use the "Rinse+" function. (P. 25)

NOTE



Bleach

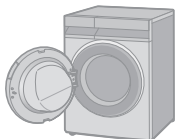


Liquid detergent for delicates



■ After operation ends

Take out immediately



Dry Only

You can change dry modes depending on clothes.

1

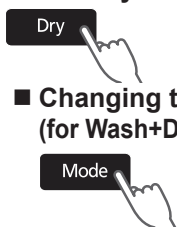


2



3

Select Dry Mode.

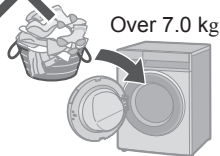


■ Changing the time dry.
(for Wash+Dry and Dry Only)

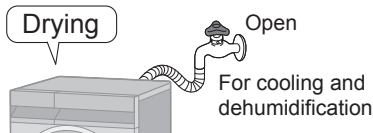
4



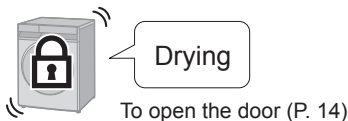
NOTE

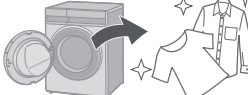


- Open the tap even in drying.



- The door is locked during drying.



Dry Mode	Description
Wash+Dry and Dry Only 30 60 90 150 2 10 3 20	For heat-sensitive clothes (Max. 7.0 kg). • For clothes easy to be wrinkled.  Thinner plain woven and crepe texture etc. • For small amount laundry (Max. 0.5 kg). *Time: 30 min. *After drying: Take out immediately  • For half-dry clothes. *Time: 30 min. and more
Steam Refresh	Use steam to reduce wrinkles and odors on dry cloths such as linen or blouses cotton shirt or artificial fabric. (Max. 2.0 kg dry cloths). *Time: 37 min. *After drying, the drum will rotate every 5 minutes for 40 seconds to prevent wrinkles caused by leaving the clothes unattended.   Lights (On) Approx. 2 hours • To open the door:  Turn off or  Pause

Changing Program Settings

■ Preparing

- Sort the laundry and put it into the drum. (P. 8)
- Add the detergent. (P. 12)

1



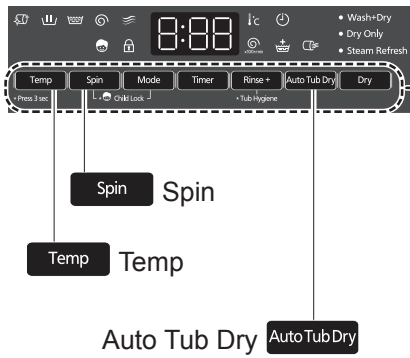
2

Select a program. (P. 16)



3

Change the program's settings.



- Available options and setting ranges are different depending on the program. (P. 18)
- 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

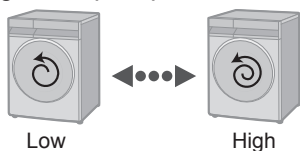
3



(P. 19)

r/min **Spin**

Change the spin speed.



Setting guide

 Low	 High
To reduce wrinkling 	To dry more thoroughly 

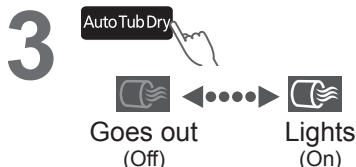
3 **Spin** (P. 19)

To change the setting while washing



Auto Tub Dry

Add tub drying process.



1 time	Default Off
2 times	Auto Tub Dry 30 min (Approx. 90% Dry)
3 times	Auto Tub Dry 60 min (Fully Dry)

After the wash cycle ends



Auto Tub Dry will start automatically

NOTE

- The setting is memorized.
- Remove all items from the drum before auto tub drying.
- Do not disconnect the water tap.
- If door is not closed within 8 hours, Auto Tub Dry will be cancelled.

Changing Program Settings (continued)

■ Preparing

- Sort the laundry and put it into the drum. (P. 8)
- Add the detergent. (P. 12)

1



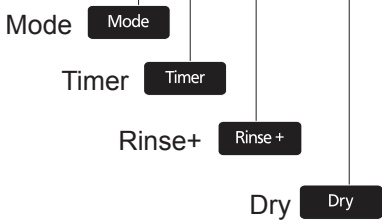
2

Select a program. (P. 16)



3

Change the program's settings.



- Available options and setting ranges are different depending on the program. (P. 18)
- An alarm sounds if you select an option that is unavailable.

4

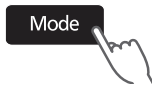


Mode

Select a combination of wash, rinse and spin.



3



	*1	Wash
	*2	Rinse
	*2	Spin
		Wash and rinse
		Wash and spin
	*2	Rinse and spin

*1 Water is drained after wash process.

*2 Drains first if there is water in the drum.

WASH & DRY Dry

Select a combination of processes.

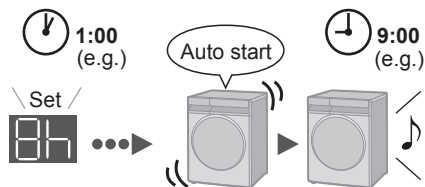


3



⌚ Timer

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



3

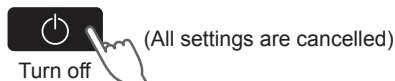
Timer
Press or hold

88
(e.g.)

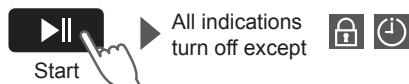
■ To check a preset time



■ To cancel settings



NOTE



● Not available: P. 19

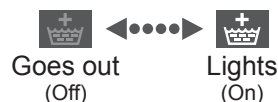
⊕ Rinse+

Add an extra rinse.



3

Rinse +
Press or hold

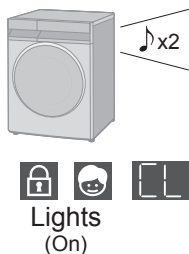
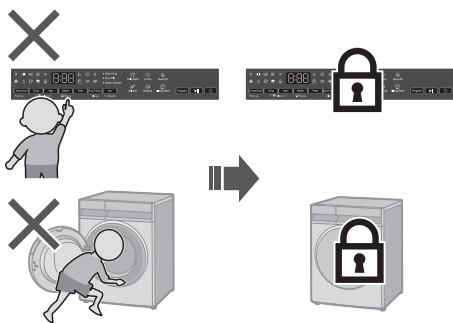


■ To change the setting while washing



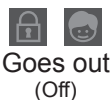
Changing Appliance Settings

Setting the Child Lock

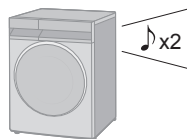


■ To cancel:

Same procedure x4



Cancelling the buzzer



■ To reset:

Same procedure x4

My Smart Memory

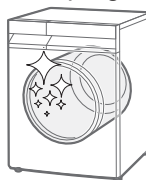
Automatically suggests the most frequently used program based on the last 10 wash cycles. When the power is turned on, the indicator of suggested program lights up.

■ To turn on/off



Auto Tub Clean

Automatically add a tub cleaning process to certain programs. (P. 19)

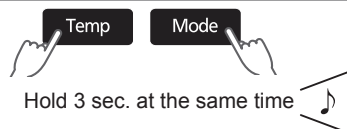


■ To turn on/off

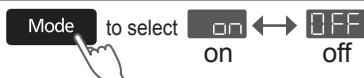
1



2



3



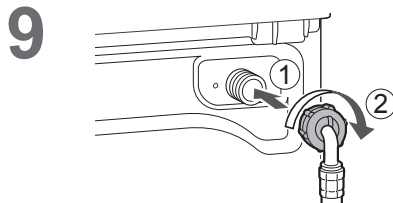
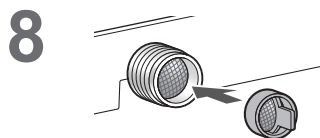
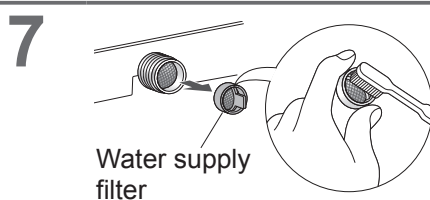
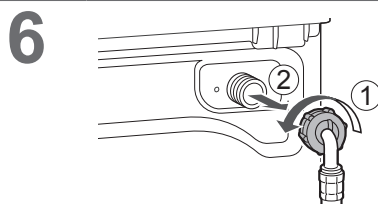
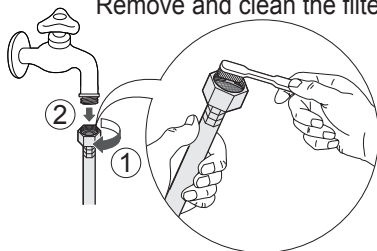
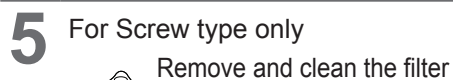
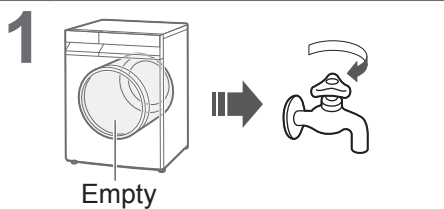
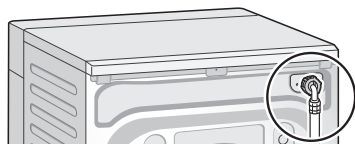
4

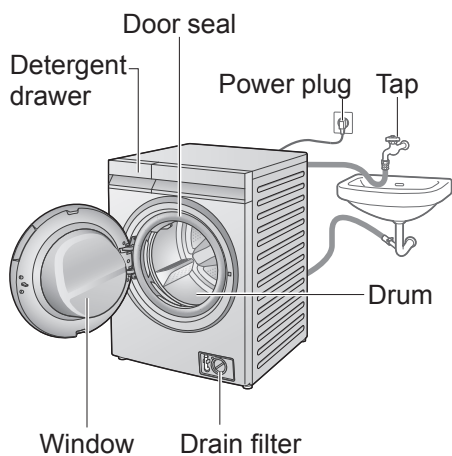


Maintenance

Water supply filter

If water does not flow smoothly

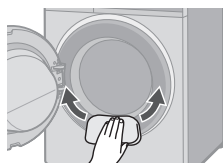




Appliance

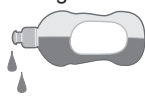


Door seal



For heavy soil

Mild kitchen detergent

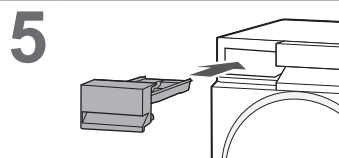
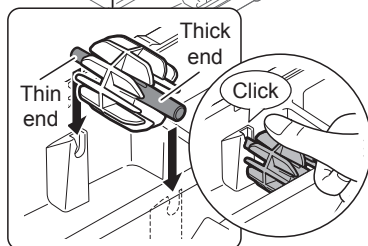
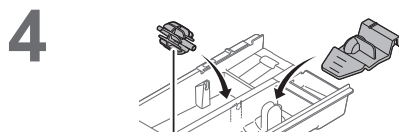
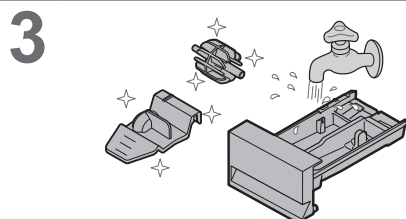
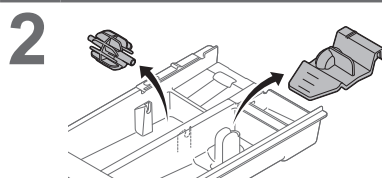
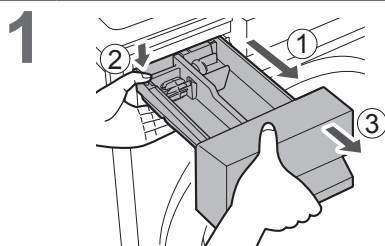


NOTE



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

Detergent drawer



Maintenance (continued)

Drum

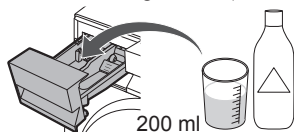
Once every 6 months or
if  flashes <Tub Hygiene>

1

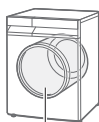


2

Whitening bleach (chlorine bleach)



3



No clothing

4



**Hold
3 sec.**



**Lights
(On)**

5



Approx.
3:45



NOTE

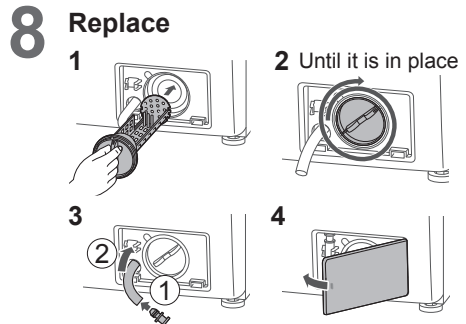
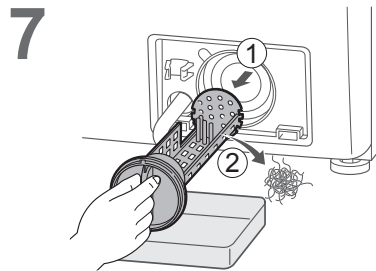
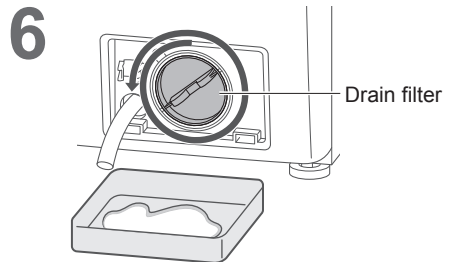
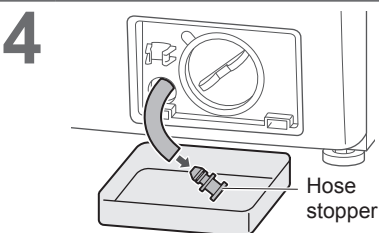
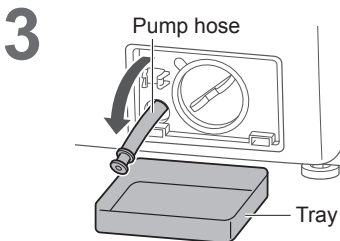
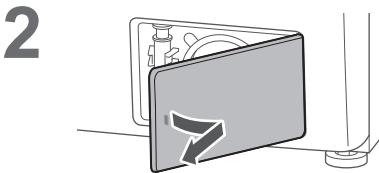
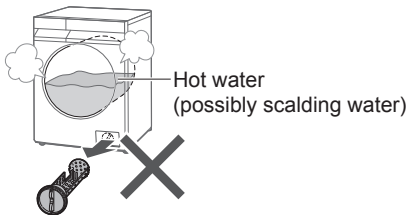
- If the “Tub Hygiene” program is not run, the indicator  goes off when other program is run 3 times.

Drain filter

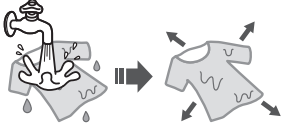
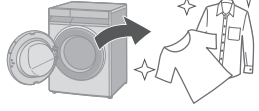
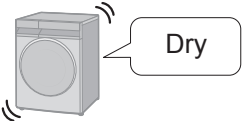
Once a month

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

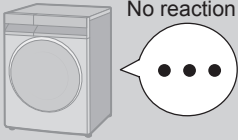
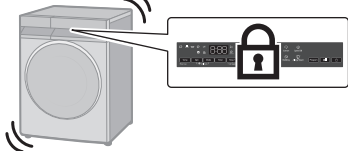
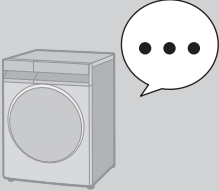
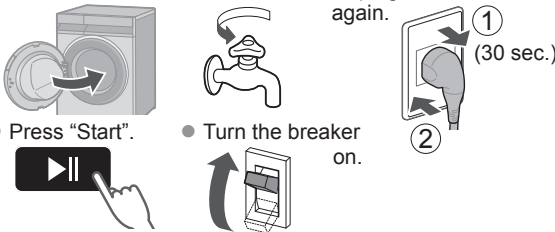
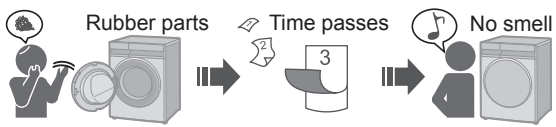
CAUTION



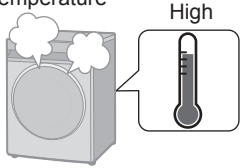
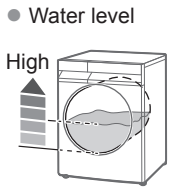
For Better Results

Symptoms	Tips for nice finish
Shrunk clothes 	If cotton products have shrunk by drying ● Moisten and stretch. 
Hand feeling changes by wrinkles 	● Reduce clothing amount.  ● Select dry mode. (P. 21) Dry  Depending on clothes ● After drying  Take out immediately
• Drying is insufficient • Drying is uneven 	● Reduce clothing amount.  ● Turn on. 
Feel rough 	● When towels feel rough after washing   Fabric softener  If still feel rough
Lint is attached 	● “Rinse+” or “Tub Hygiene”  Rinse+ (P. 25) or  Tub Hygiene (P. 30)

Troubleshooting

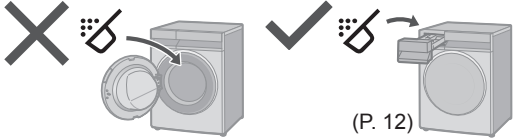
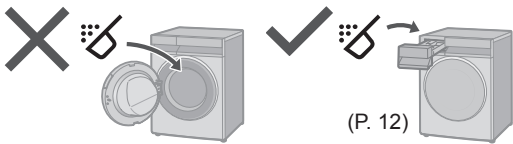
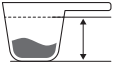
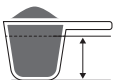
	Symptoms	Points to be checked
Main unit	Touch the buttons  No reaction 	□ Possible cause ● During an operation  □ Try ● Child Lock (P. 26) 
	No operation 	□ Check ● Power cut ● Timer  □ Try ● Close the door. ● Turn on. ● Unplug and insert again. ● Press "Start". ● Turn the breaker on.  ① (30 sec.) ②
	Odour of rubber 	□ Possible cause  □ Try ● Tub Hygiene (P. 30) 

Troubleshooting (continued)

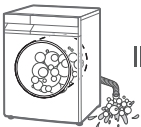
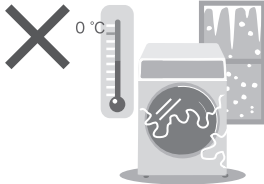
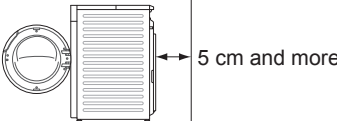
	Symptoms	Points to be checked
Main unit	Door does not open 	☐ Possible cause ● During an operation (washing or drying)  Door is locked. To open the door during operation (P. 14)
		☐ Check ● Temperature  ● Water level 
		☐ Try ● Child Lock (P. 26)  ● During an operation 1  Turn off 2  On 3 Mode (P. 24)  Spin

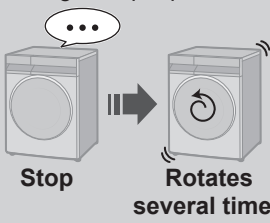
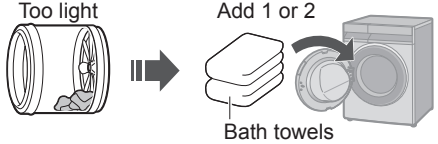
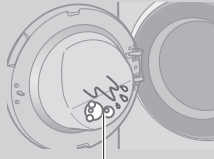
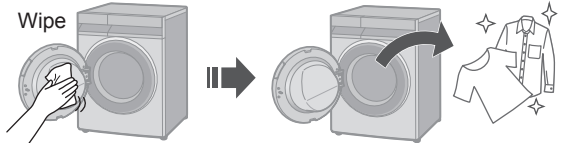
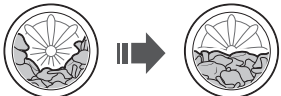
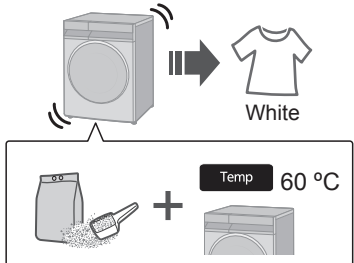
4

Open

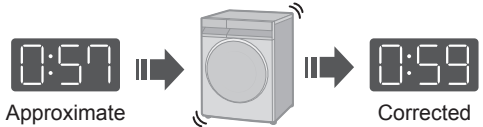
	Symptoms	Points to be checked
Detergent and foam	After washing 	☐ Check  (P. 12)
		☐ Possible cause ● The amount of foam varies. ● Temperature  ● Water level  ● Water softness 
	Not enough 	☐ Check ● Powder detergent  (P. 12) ● Too little detergent  ● Low foam detergent  ● Heavily soiled  ● Load too large 
	Too much 	☐ Check ● Too much detergent 

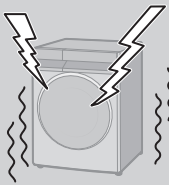
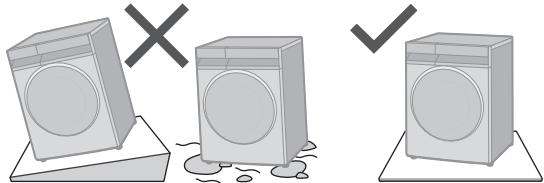
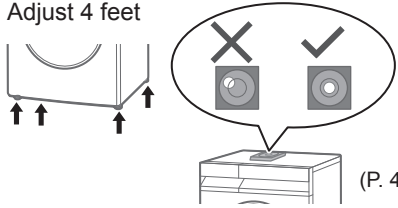
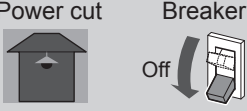
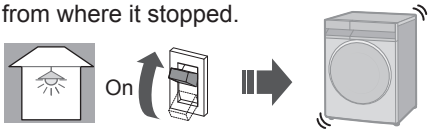
Troubleshooting (continued)

	Symptoms	Points to be checked
Wash	During a wash 	☐ Possible cause Excess foam  Foam Foam detection function  Auto drainage Auto water supply 
Dry	Drying takes too long 	☐ Check ● Too heavy  ● Too cold  ☐ Try ● Check the location 

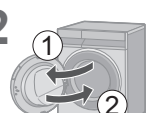
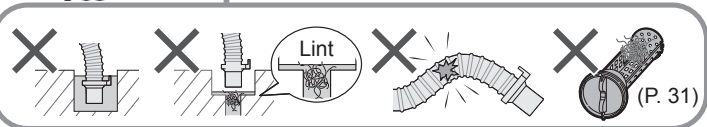
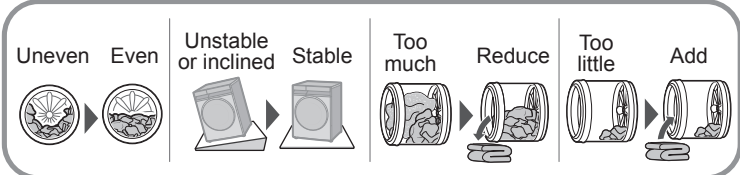
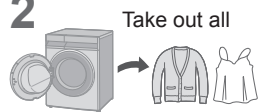
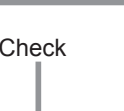
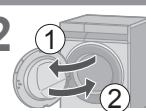
	Symptoms	Points to be checked
Rinse/Spin	During the spin process  Stop → Rotates several times	☐ Possible cause Unevenness  ☐ Try Too light  Add 1 or 2 Bath towels
	After washing  Foam or water	☐ Try  Wipe
	Spin changes to rinse  Spin → Rinse	☐ Possible cause ● If clothes are uneven, this appliances automatically corrects unevenness using the rinse process. 
Laundry	If the laundry yellows  Yellow	☐ Try  White Temp 60 °C

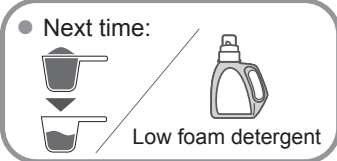
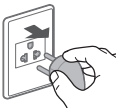
Troubleshooting (continued)

	Symptoms	Points to be checked
Time	During a wash Displayed time  Changes	☐ Possible cause ● Remaining time is corrected during operation.  ● If the settings 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.
	Sound of fan rotating 	☐ Possible cause ● This is normal. The fan cools electric parts.
	Motor emits a sound 	☐ Possible cause ● This is normal. The motor will make a short sound when the drum engages.

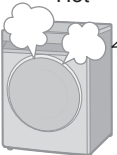
	Symptoms	Points to be checked
Noise	Unusual noise (or vibration) 	☐ Check ● Metal items  ● Anchor bolts (P. 44)  ● Slope or an unstable surface  ● Adjust 4 feet  (P. 44)
Others	Power cut Breaker 	☐ Check ● When the power recovers, operation resumes from where it stopped. 

Error Display

Error Display	Points to be checked		
 Unable to drain	1 Check 	2 	3 
			
 Door is open	1 	2 	
 Unable to spin	1 	2 Check 	3 
			
	If error U13 appears when starting "Auto Tub Dry"		
	1 	2 Take out all 	3 
 Unable to supply water	1 Check 	2 	3 
			

Error Display	Points to be checked			
 Unable to drain during drying	1  Turn off	2 Check the drain hose (Refer to U11)	3  On	4 Select the drying program again   Start
 Unable to spin	1 Restart  Turn off	2 Run Rinse and Spin of "Speed 38" program  On		
 Unable to open	1 	2 	3 	

■ Information

 Unable to open		Hot During drying (P. 14)	 Hold 3 sec.	Start cooling ●●●●●▶ 5 to 20 min.	
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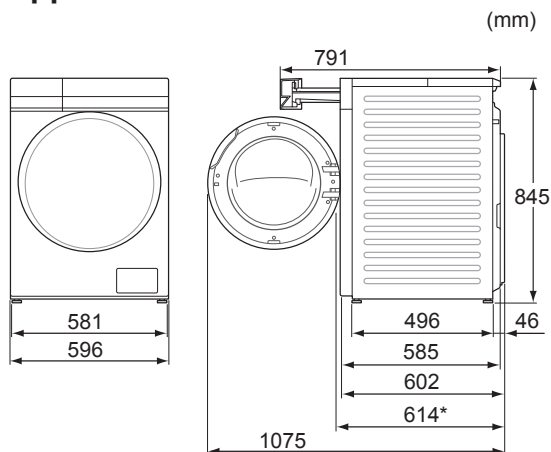
Choosing the Right Location



Make sure to ask a service person for installation.

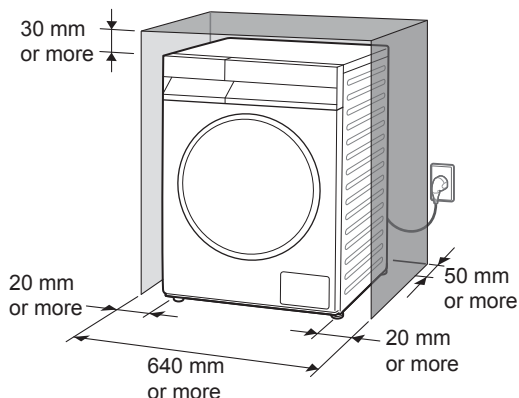
- Do not install the appliance by yourself.
- Follow this installation method. If you do not, Panasonic will not be liable for any accidents or damages.

Appliance dimensions



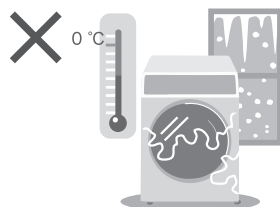
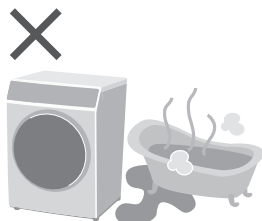
* 614 mm: Product depth, measured from the rear to the furthest protruding point of the door when closed.

■ Set-in installation



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

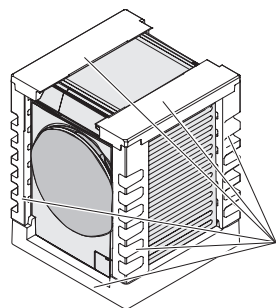
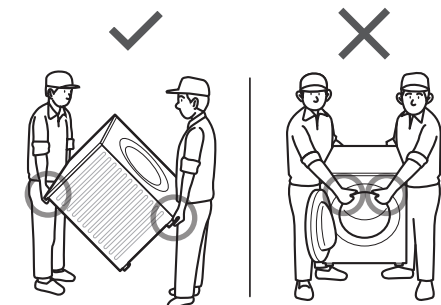
Check the location.



Moving and Installing

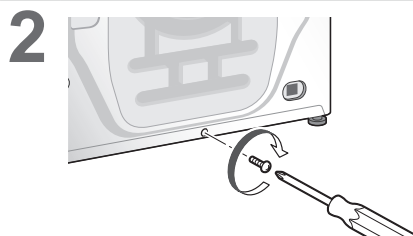
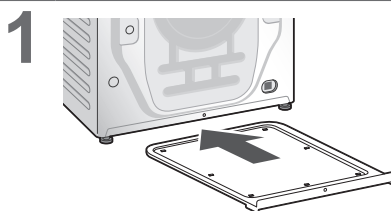
Carrying the appliance

Do not do it alone.

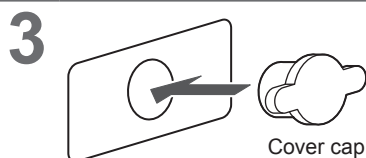
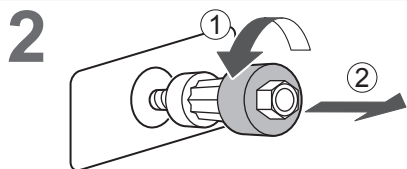
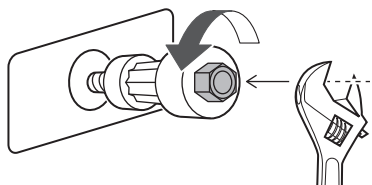
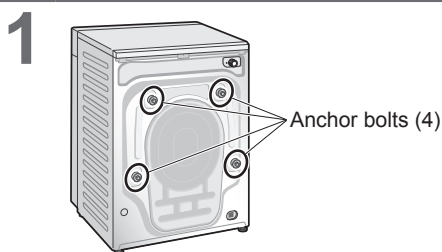


Remove all packing cushions before starting to use the appliance.

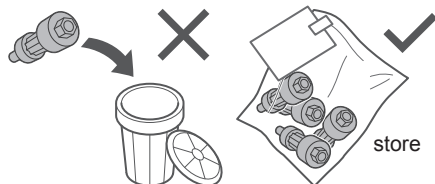
Installation of bottom cover



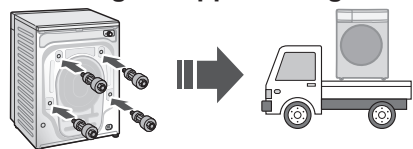
Removing the anchor bolts



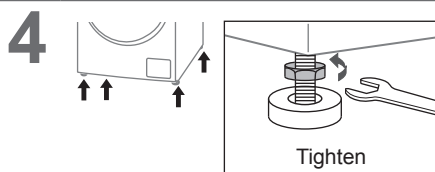
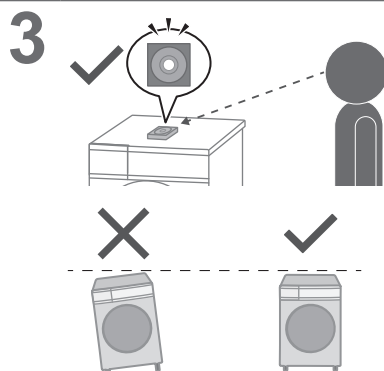
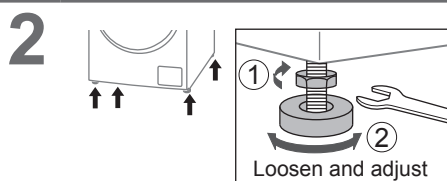
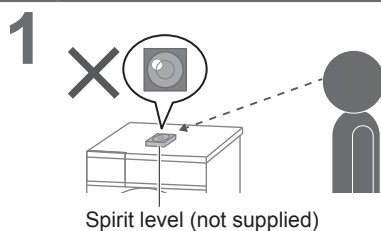
NOTE



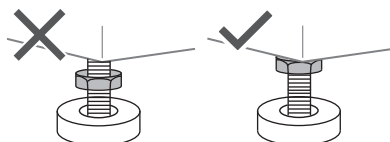
■ Moving the appliance again



Levelling the appliance



NOTE



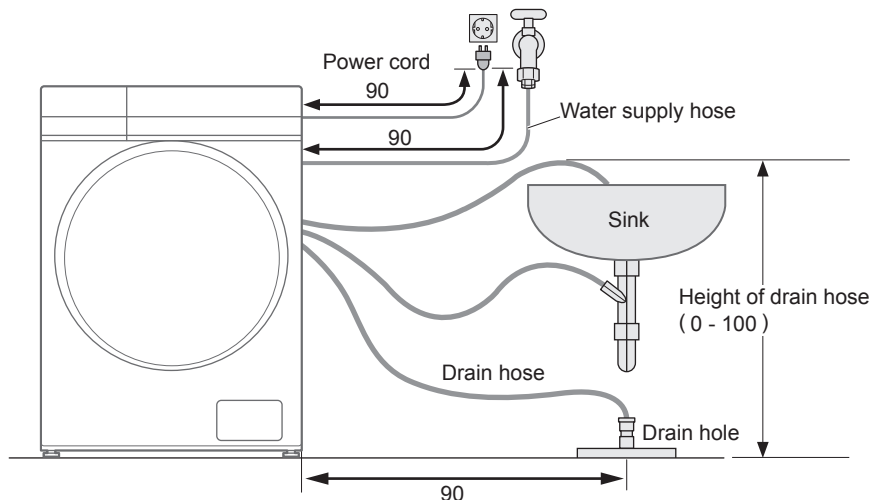
Connecting the Hoses

Connect the hoses properly to prevent water leaks.

Maximum connection distances for hoses and the power cord

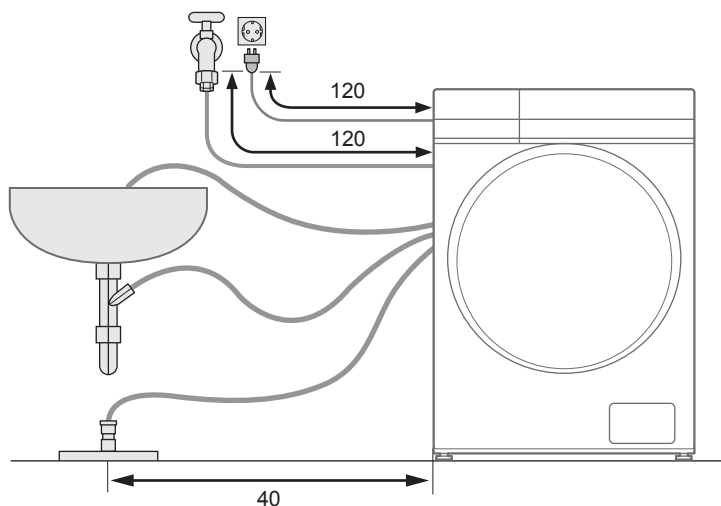
Right side connection

(cm)



Left side connection

(cm)



Connecting the Hoses (continued)

Water supply hose

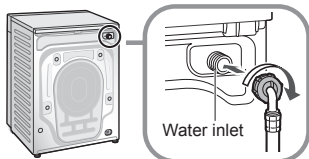
■ Connecting the water supply hose



CAUTION

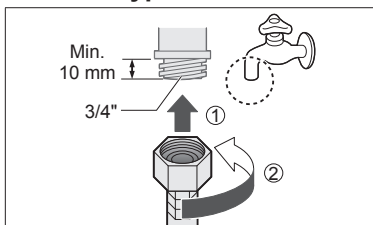
- Tighten the nut firmly.
- Do not twist, squash, modify or cut the hose.

1

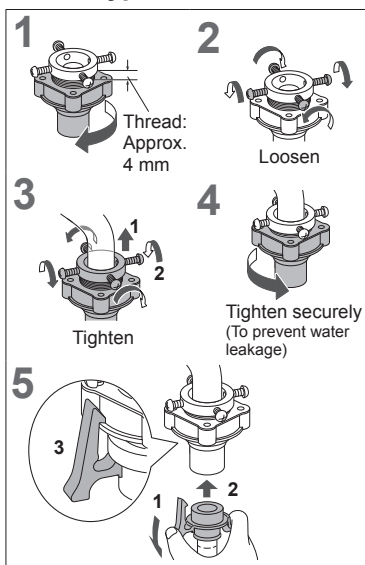


2

■ Screw type



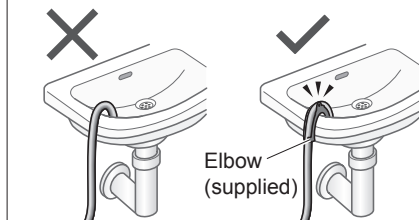
■ Joint type



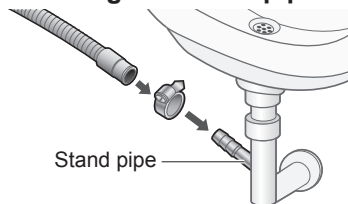
Drain hose

■ Draining to a sink or wash basin

NOTICE



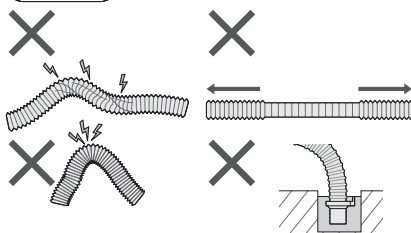
■ Draining to a stand pipe



■ Draining to a drain hole

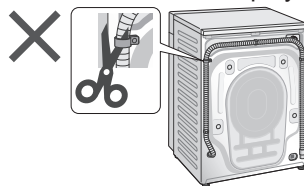


NOTE



NOTE

- Do not cut/remove this belt. Otherwise the machine will display U14. (P. 40)

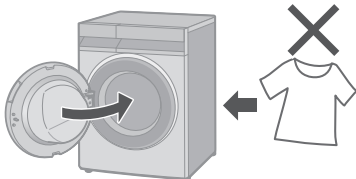


Test Run

1



2



3



4



 **Speed 38**

5



Checking after test run

Problem

Causes and Measures

Water leaks

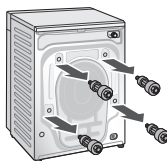


Connect the water supply hose properly (P. 46)

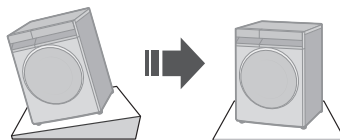


Abnormal
sounds

● Remove the
anchor bolts (P. 44)



● Install stably



Error display



See P. 40.

Specifications

■ For Singapore

		NA-S20DG1
Rated voltage (V)		220 - 240
Rated frequency (Hz)		50
Maximum energy rated power input (W)		1600 - 1900
Heating energy rates power input (W)	For washing	1445 - 1710
	For drying	905 - 1090
Maximum spin speed (r/min)		1400
Product dimensions (W x D x H) (mm)		596 × 585 × 845
Product weight (kg)		68
Maximum mass of dry cloth (Wash) (kg)		10.0
Maximum mass of dry cloth (Dry) (kg)		7.0
Pressure of tap water (MPa)		0.01 - 1

■ For Philippines

		NA-S22DG1	NA-S20DG1
Rated voltage (V)		230	
Rated frequency (Hz)		60	
Maximum energy rated power input (W)		1700	
Heating energy rates power input (W)	For washing	1570	
	For drying	1005	
Maximum spin speed (r/min)		1400	
Product dimensions (W x D x H) (mm)		596 × 585 × 845	
Product weight (kg)		68	
Maximum mass of dry cloth (Wash) (kg)		11.0	10.0
Maximum mass of dry cloth (Dry) (kg)		7.0	
Pressure of tap water (MPa)		0.01 - 1	