

Panasonic®

Operating & Installation Instructions

Washer Dryer (Household Use)

Model No. **NA-S22DG1**
NA-S21DG1
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.

Contents

	Safety Precautions	2
	Checking Your Appliance	7
	Before Washing/Drying	8
	Control Panel	10
	Detergent	12
	Washing & Drying	14
	Program List	16
	Details of Programs	18
	Washing & Drying Tips	20
	Changing Program Settings	22
	Changing Appliance Settings	26
	Maintenance	28
	For Better Results	32
	Troubleshooting	33
	Error Display	40
Installation	Choosing the Right Location	42
	Moving and Installing	43
	Connecting the Hoses	44
	Test Run	47
	Specifications	48



AWW9901CJXC0-0C0

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.

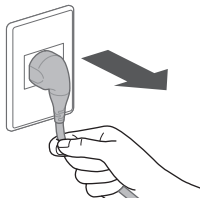


May cause fire or electric shock

Do not touch it
with wet hands.



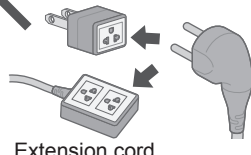
Do not hold or
pull on the cord.



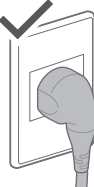
Do not use.



Plug adaptor



Fully insert it.

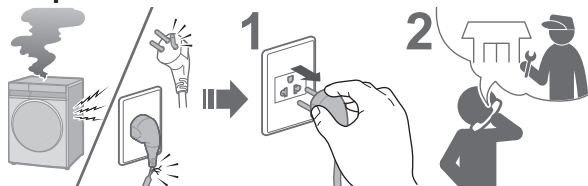


Do not use.

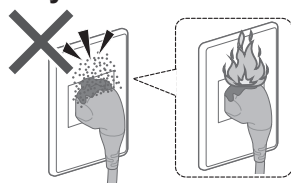


- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

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.**

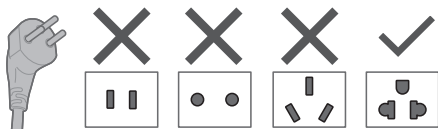


Wipe the power plug periodically.



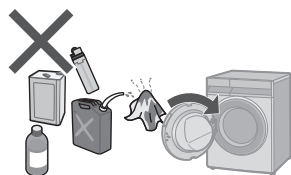
Use a socket appropriate for this appliance.

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

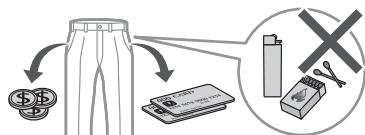
May cause fire (For safety use of the dryer)

Do not dry items soiled with flammable materials.



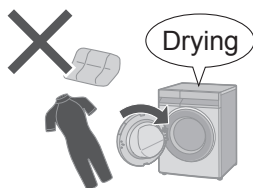
- Items that have been soiled with substances such as cooking oil, acetone, alcohol, petrol, kerosene, spot removers, turpentine, waxes, wax removers and cosmetic oils must not be dried in the appliance even after having been washed.

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.



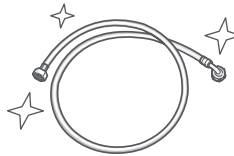
CAUTION

May cause water leakage

Turn off the water faucet.



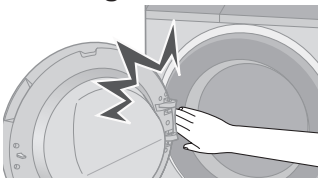
Use new hose-sets.



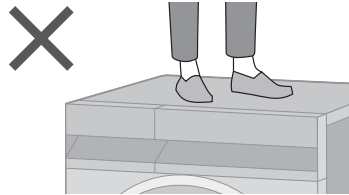
- New hose-sets supplied with the appliance are to be used and old hose-sets should not be reused.

May cause injury

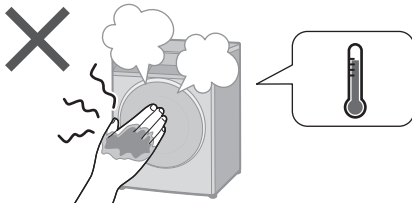
Be careful not to get your fingers caught.



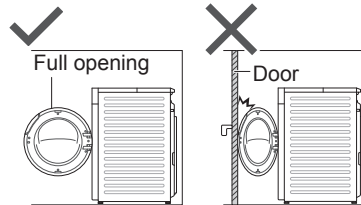
Do not climb on the appliance.



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.

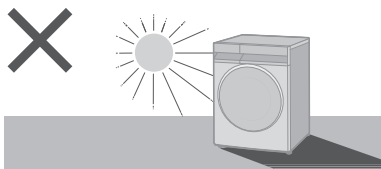
Safety Precautions (continued)



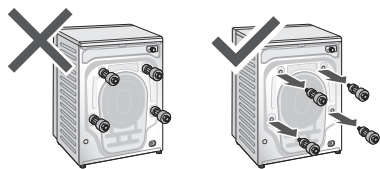
CAUTION

May cause failure

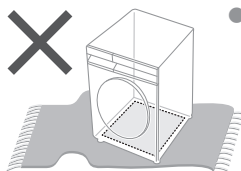
Keep away from heat and direct sunlight.



Remove anchor bolts before operation.

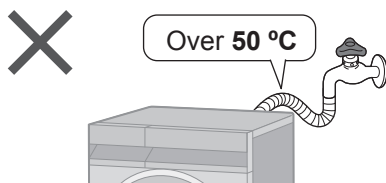


Do not obstruct.

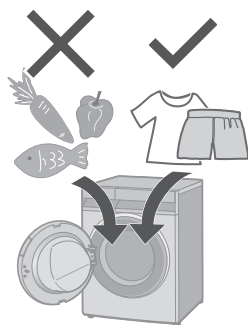


- Do not obstruct the openings of the bottom face with carpet, etc.

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.

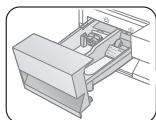


- Fabric softeners, or similar products, should be used as specified by the fabric softener instructions.

Checking Your Appliance

Part names

Detergent drawer (P. 13)



Control panel
(P. 10)

Door

Drum

Hinge

Door seal

Adjustable feet
(P. 44)

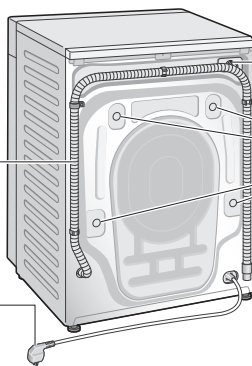
Drain filter cover
(P. 31)

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

☐ Elbow (1) (P. 46)



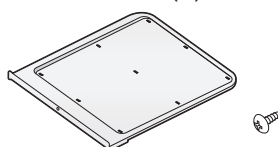
☐ Cover caps (4) (P. 44)



☐ Water supply hose (1) (P. 45, 46)



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

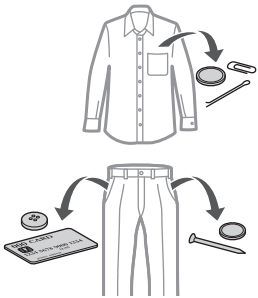


Before Washing/Drying

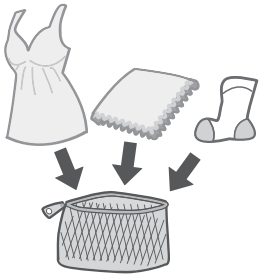
Preparing laundry

Before put clothes in drum

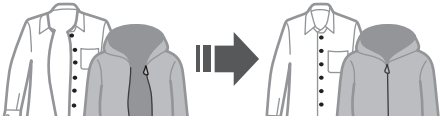
- Remove foreign objects.



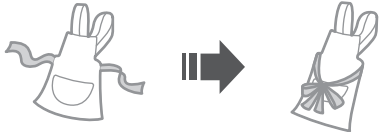
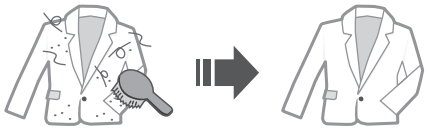
- Use laundry nets for delicates and small items.



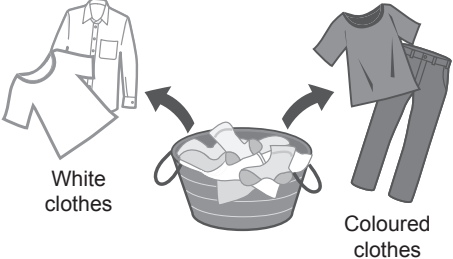
Pre-laundry check



Clothes likely to pill



- Wash separately.



- Pretreat for heavily stains.



- Observe care labels.



Cannot wash or dry

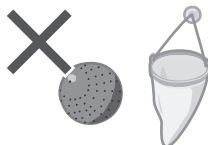
Cannot wash or dry



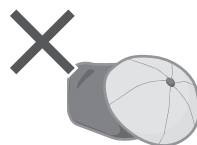
Leather / fur



Silk, rayon and cupro
(Blended fabric)



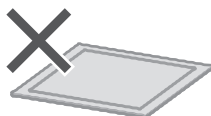
Commercially
available washing aids



Cap with hard
core materials



Cushion, Pillow, etc.



Urethane / rubber
backed or thick mats

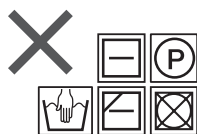


Paper diapers

Others ...

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

Cannot dry



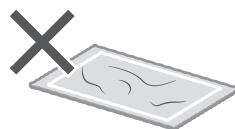
Any of the above
marks



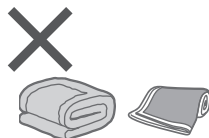
Woollen clothing



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)

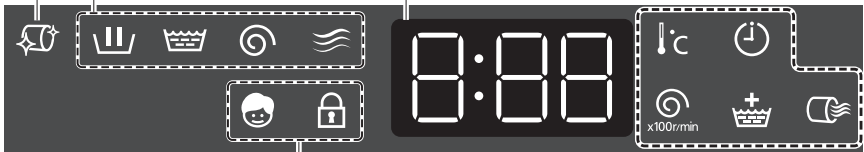
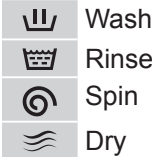
Remaining time



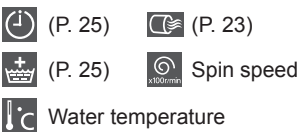
Error display (P. 40, 41)



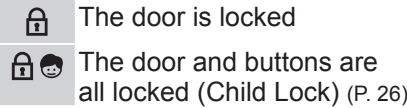
Process



Optional function lamp



Lock

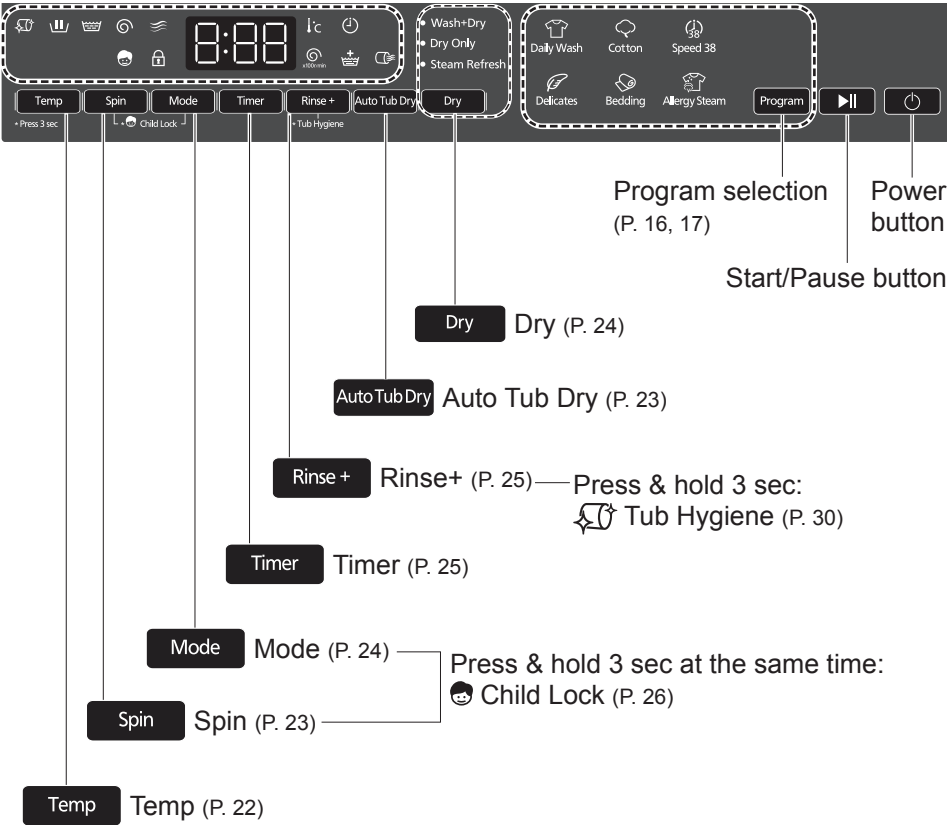


Touch operation

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

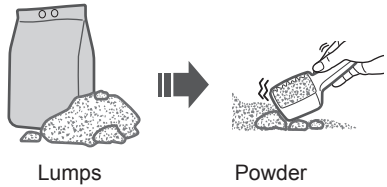
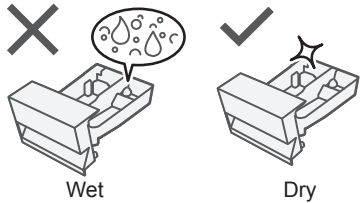
Detergent

● Follow the instructions on each package.

Detergent

Use a low foam detergent.

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



Detergent

Powder detergent

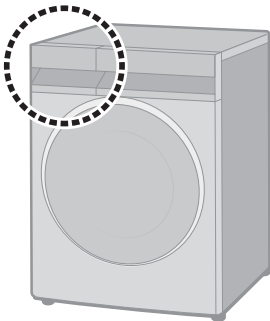
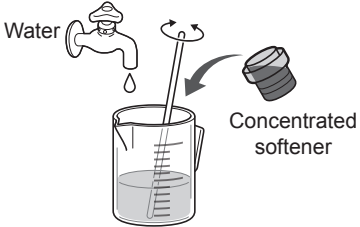
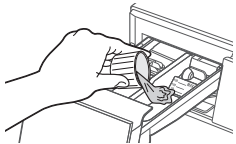
Liquid detergent



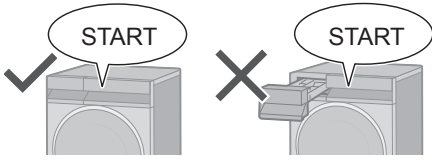
Bleach

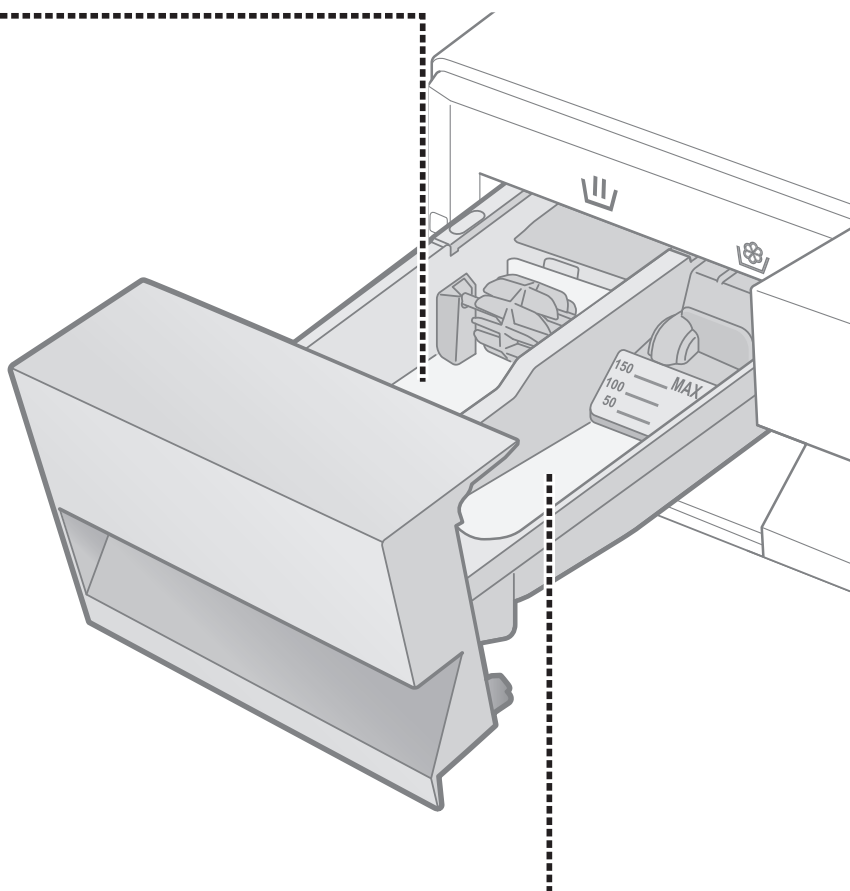


Fabric softener



NOTE

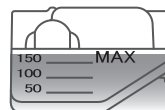
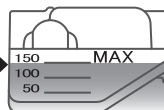




Fabric softener

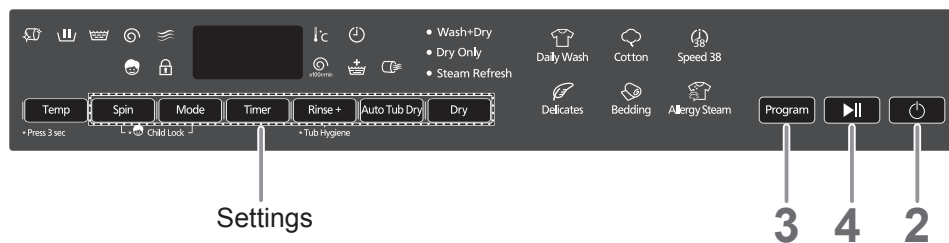


Max. 150 ml



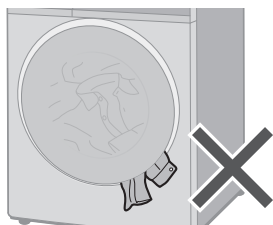
Washing & Drying

Basic Method

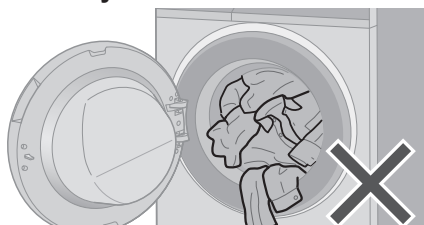


NOTE

■ Do not let laundry get caught in the door.

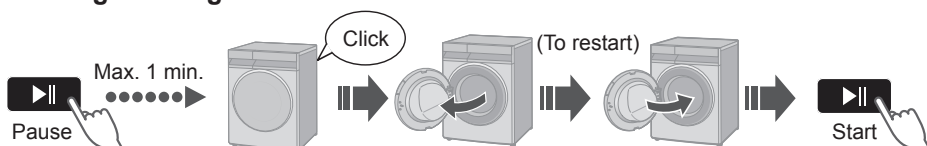


■ Do not overfill the drum with laundry.

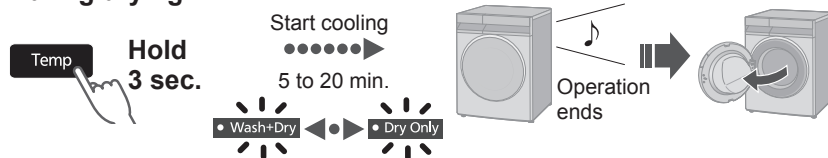


■ To open the door during operation

● During washing



● During drying

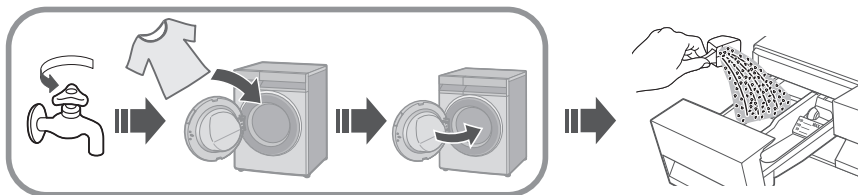


NOTE

● 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

Spin

Mode

Timer

Temp
(P. 22)

Spin
(P. 23)

Mode
(P. 24)

Timer
(P. 25)

Rinse +

AutoTubDry

Dry

Rinse+
(P. 25)

Auto Tub
Dry (P. 23)

Dry
(P. 24)

4



Start



Measures the amount of laundry



(30 sec.)



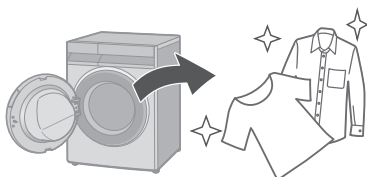
Displays the time required (recalculated)



(e.g.)



5



Program List

WASH & DRY / WASH

Program	Description	Max load (kg)			Total time		
		Wash			Dry	WASH	WASH & DRY
		S22DG1	S21DG1	S20DG1			
 Daily Wash	● Everyday clothes 	11.0	10.5	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	10.5	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.
- 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)

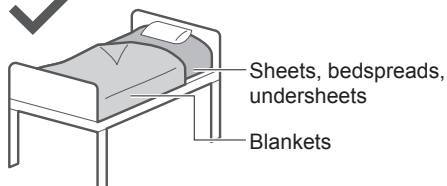
If the weight of clothes is light, spin is not performed: 0 (r/min)

Washing & Drying Tips

Bedding

■ Washable items

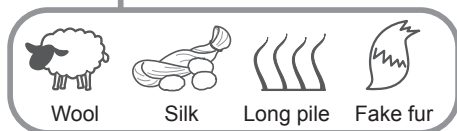
- (Wash)
- (Handwash)
- 100 % cotton or 100 % synthetic



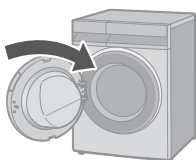
■ Not washable items



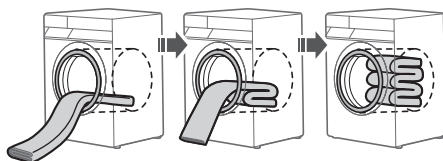
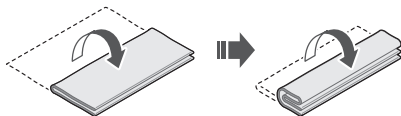
Electric blankets



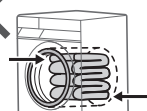
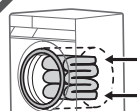
NOTE



■ Putting blankets into the drum



NOTE



Delicates

■ When washing

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

NOTE



Bleach

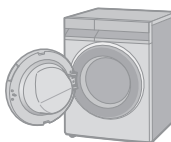


Liquid detergent for delicates



■ After operation ends

Take out immediately



Dry Only

You can change dry modes depending on clothes.

1

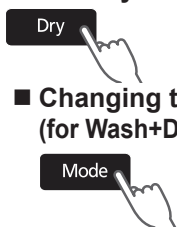


2



3

Select Dry Mode.

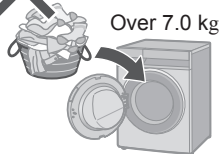


■ **Changing the time dry.
(for Wash+Dry and Dry Only)**

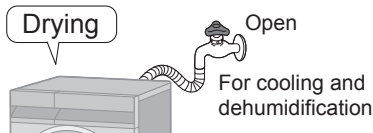
4



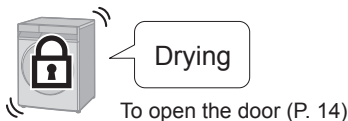
NOTE



- 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. Approx. 2 hours • To open the door: or Turn off Pause

Changing Program Settings

■ Preparing

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

1



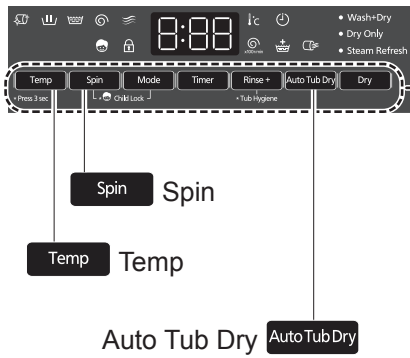
2

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

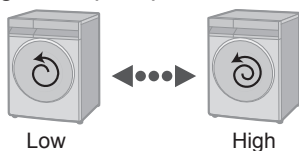
 Low	 High
● Colours 	● White 
● Lightly Soiled 	● Heavily Soiled 
● Easily shrinks	● Cotton

3



r/min **Spin**

Change the spin speed.



Setting guide

 Low	 High
To reduce wrinkling 	To dry more thoroughly 

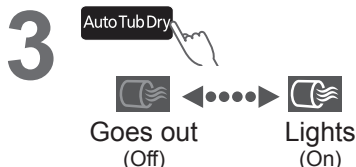
3 **Spin** (P. 19)

To change the setting while washing



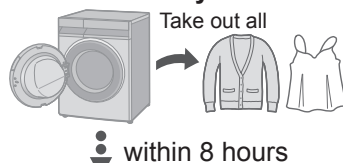
Auto Tub Dry

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)

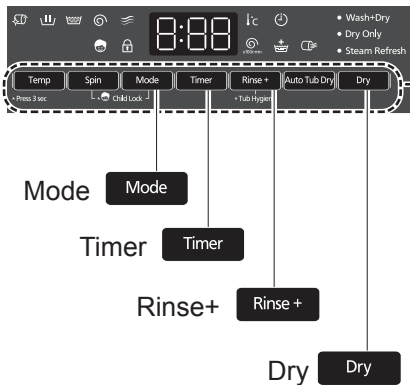
■ Preparing

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



3

Change the program's settings.

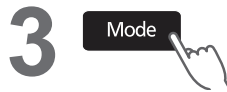


- Available options and setting ranges are different depending on the program. (P. 18)
- An alarm sounds if you select an option that is unavailable.



Mode

Select a combination of wash, rinse and spin.



	*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.

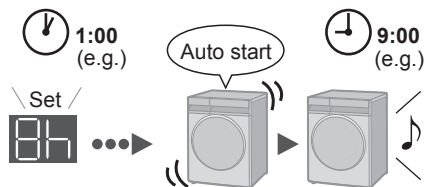
WASH & DRY Dry

Select a combination of processes.



⌚ Timer

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



3

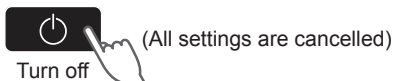
Timer
Press or hold

88
(e.g.)

■ To check a preset time

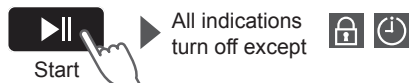


■ To cancel settings



Turn off

NOTE



Start

● Not available: P. 19

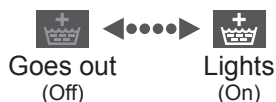
⊕ Rinse+

Add an extra rinse.



3

Rinse +
Hand pressing button



■ To change the setting while washing



1



Pause

2



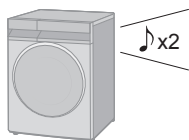
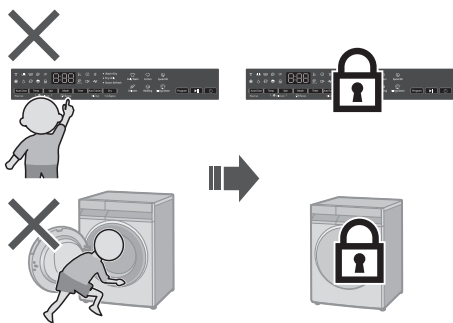
3



Start

Changing Appliance Settings

Setting the Child Lock



Lights
(On)

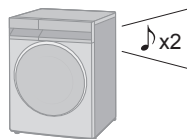
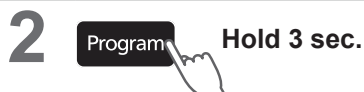
■ To cancel:

Same procedure



Goes out
(Off)

Cancelling the buzzer



■ To reset:

Same procedure



My Smart Memory

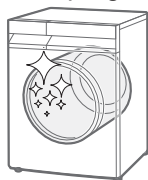
Automatically suggests the most frequently used program based on the last 10 wash cycles. When the power is turned on, the indicator of suggested program lights up.

■ To turn on/off



Auto Tub Clean

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



■ To turn on/off

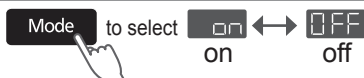
1



2



3



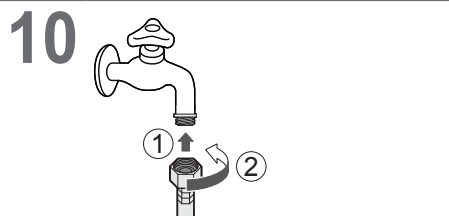
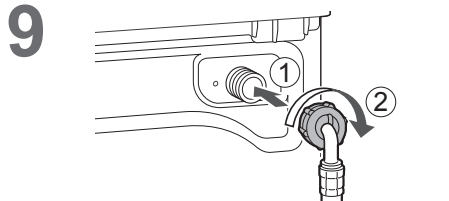
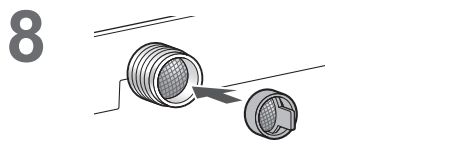
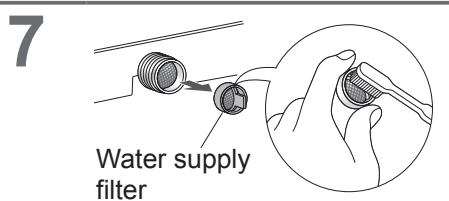
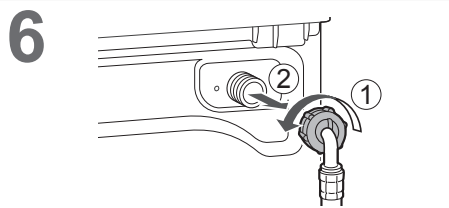
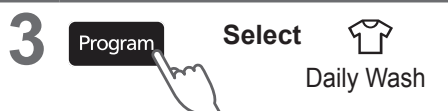
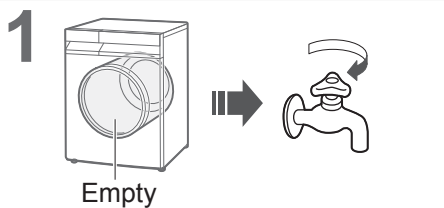
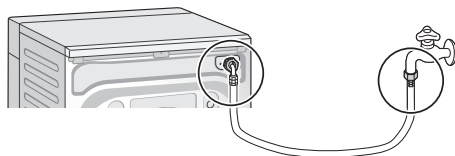
4

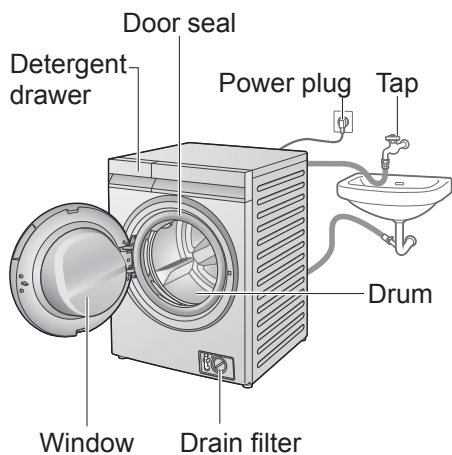


Maintenance

Water supply filter

If water does not flow smoothly

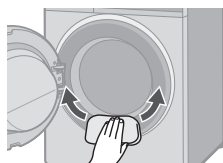




Appliance

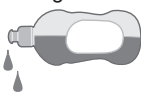


Door seal



For heavy soil

Mild kitchen detergent

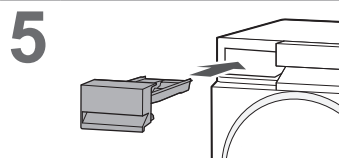
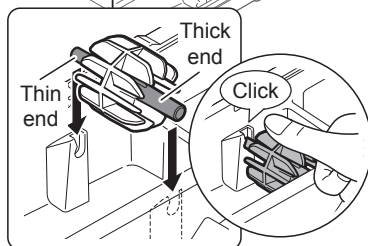
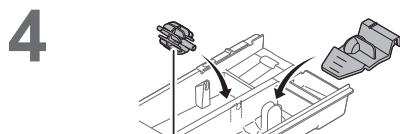
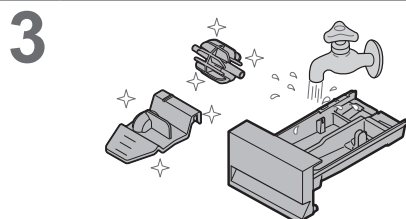
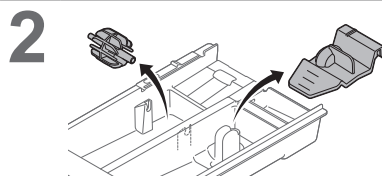
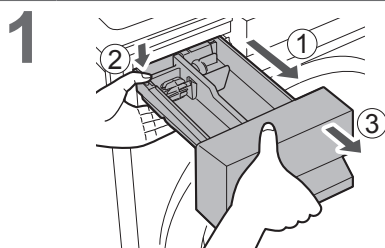


NOTE



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

Detergent drawer



Maintenance (continued)

Drum

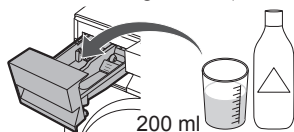
Once every 6 months or
if  flashes <Tub Hygiene>

1

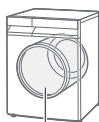


2

Whitening bleach (chlorine bleach)



3



On

No clothing

4

Rinse +

Hold
3 sec.



Lights
(On)

5

Approx.
3:45



Start



NOTE

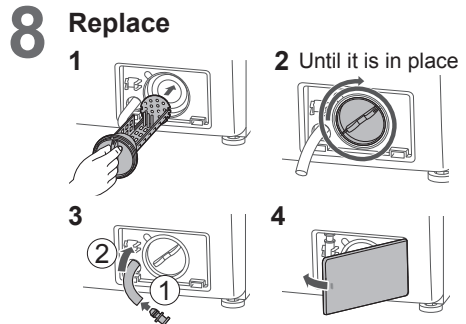
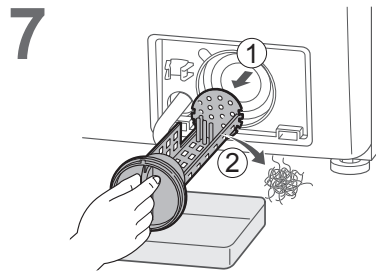
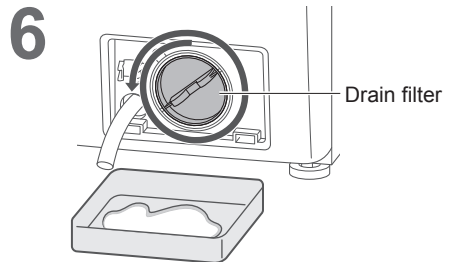
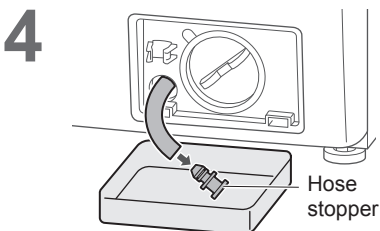
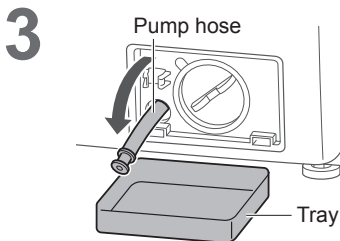
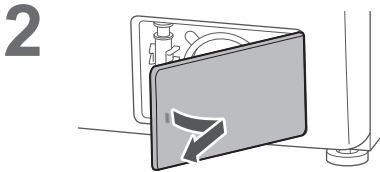
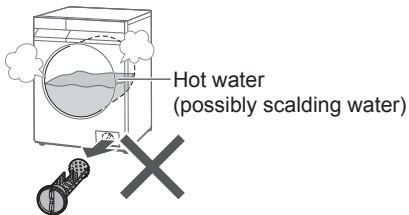
- If the “Tub Hygiene” program is not run, the indicator  goes off when other program is run 3 times.

Drain filter

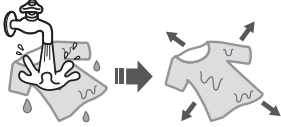
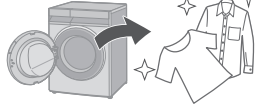
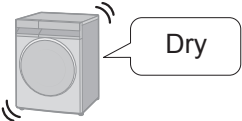
Once a month

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

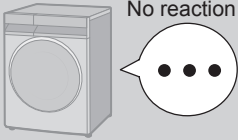
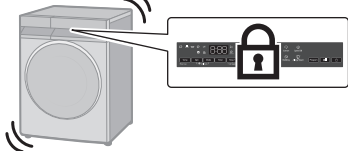
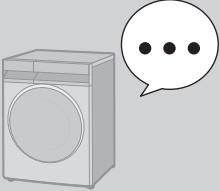
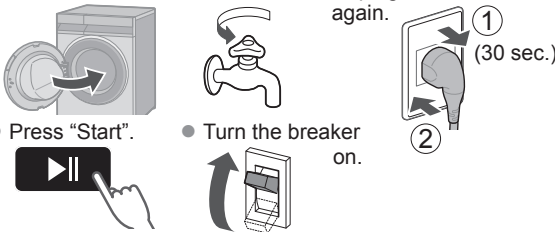
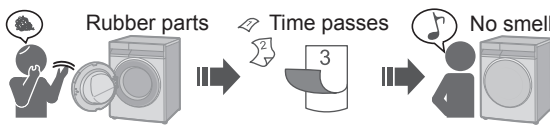
CAUTION



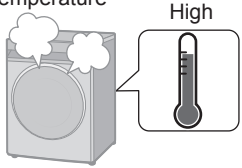
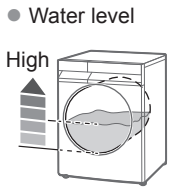
For Better Results

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

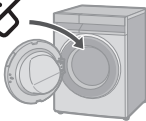
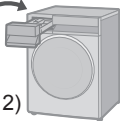
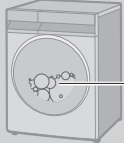
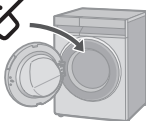
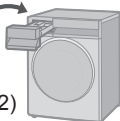
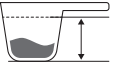
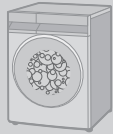
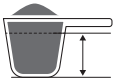
	Symptoms	Points to be checked
Main unit	Touch the buttons  No reaction 	□ Possible cause ● During an operation  □ Try ● Child Lock (P. 26) 
	No operation 	□ Check ● Power cut ● Timer  □ Try ● Close the door. ● Turn on. ● Unplug and insert again. ● Press "Start". ● Turn the breaker on. 
	Odour of rubber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

Troubleshooting (continued)

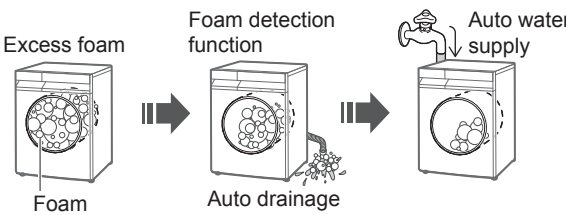
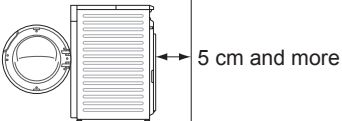
	Symptoms	Points to be checked
Main unit	Door does not open 	☐ Possible cause ● During an operation (washing or drying)  Door is locked. To open the door during operation (P. 14)
		☐ Check ● Temperature  ● Water level 
		☐ Try ● Child Lock (P. 26)  ● During an operation 1  Turn off 2  On 3 Mode (P. 24)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

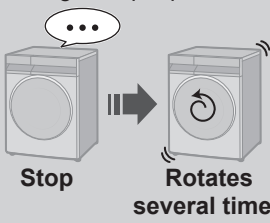
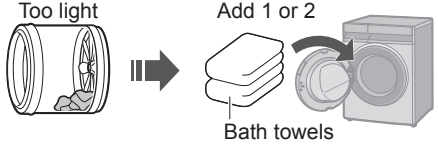
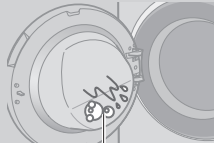
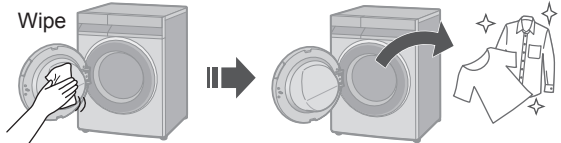
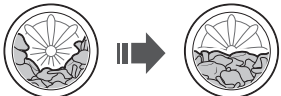
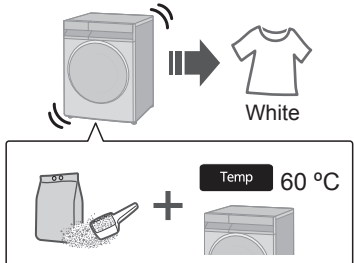
4

Open

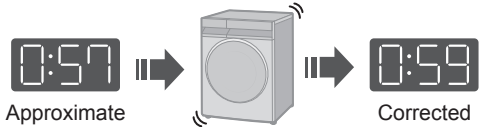
	Symptoms	Points to be checked
Detergent and foam	After washing 	☐ Check     (P. 12)
	 Foam	☐ Possible cause ● The amount of foam varies. ● Temperature ● Water level ● Water softness   
	Not enough 	☐ Check ● Powder detergent     (P. 12) ● Too little detergent ● Low foam detergent ● Heavily soiled ● Load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

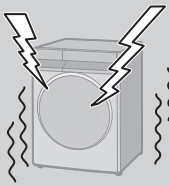
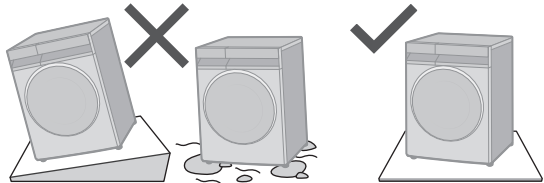
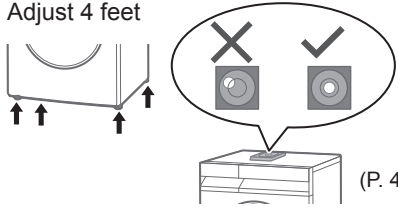
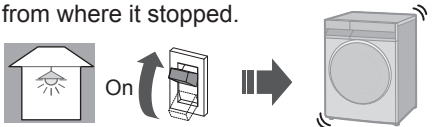
Troubleshooting (continued)

	Symptoms	Points to be checked
Wash	During a wash 	☐ Possible cause Excess foam 
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
Laundry	Spin changes to rinse  Spin → Rinse	☐ Possible cause ● If clothes are uneven, this appliances automatically corrects unevenness using the rinse process. 
	If the laundry yellows  Yellow	☐ Try  White Temp 60 °C

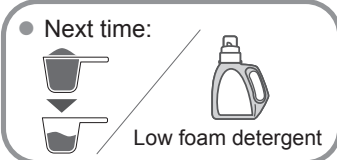
Troubleshooting (continued)

	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 Off 	☐ Check ● When the power recovers, operation resumes from where it stopped. 

Error Display

Error Display	Points to be checked																		
U 11 Unable to drain	1 Check	2	3 Start																
	(P. 31)																		
U 12 Door is open	1	2 Start																	
U 13 Unable to spin	1	2 Check	3 Start																
	<table><tr><td>Uneven</td><td>Even</td><td>Unstable or inclined</td><td>Stable</td><td>Too much</td><td>Reduce</td><td>Too little</td><td>Add</td></tr><tr><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></table>			Uneven	Even	Unstable or inclined	Stable	Too much	Reduce	Too little	Add								
Uneven	Even	Unstable or inclined	Stable	Too much	Reduce	Too little	Add												
	If error U13 appears when starting "Auto Tub Dry"																		
	1	2 Take out all	3 Start																
U 14 Unable to supply water	1 Check	2	3 Start																
	<table><tr><td>Water outage</td><td>Turned off</td><td>Water supply filter (P. 28)</td></tr><tr><td></td><td></td><td></td></tr></table>			Water outage	Turned off	Water supply filter (P. 28)													
Water outage	Turned off	Water supply filter (P. 28)																	

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.	
--	--	---	---	---

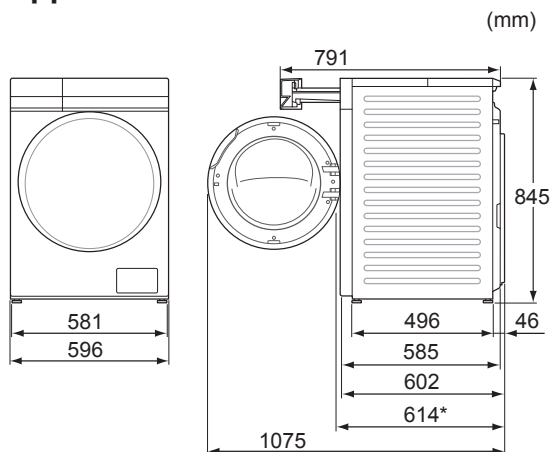
Choosing the Right Location



Make sure to ask a service person for installation.

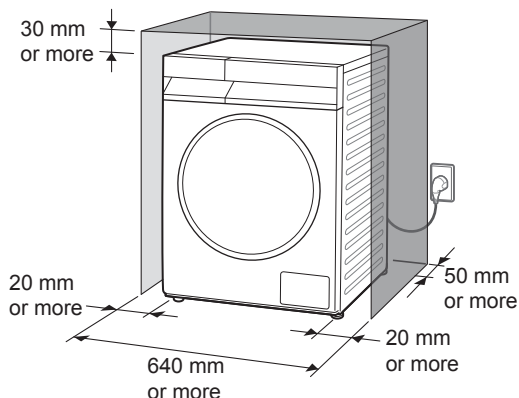
- Do not install the appliance by yourself.
- Follow this installation method. If you do not, Panasonic will not be liable for any accidents or damages.

Appliance dimensions



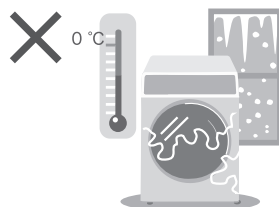
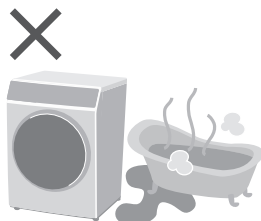
* 614 mm: Product depth, measured from the rear to the furthest protruding point of the door when closed.

■ Set-in installation



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

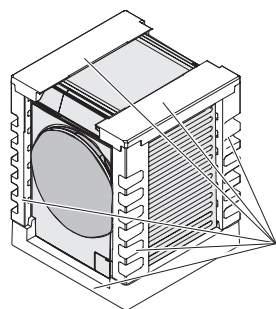
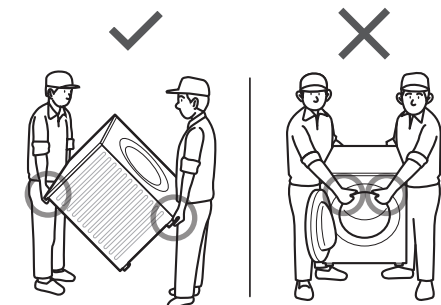
Check the location.



Moving and Installing

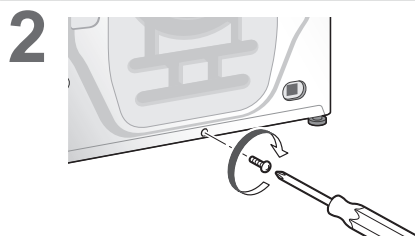
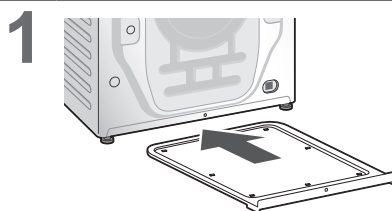
Carrying the appliance

Do not do it alone.

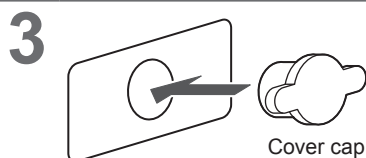
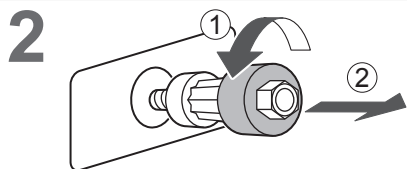
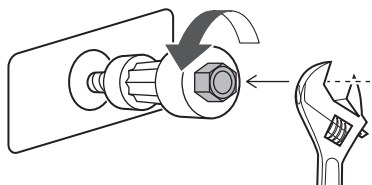
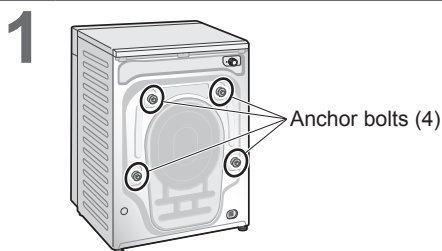


Remove all packing cushions before starting to use the appliance.

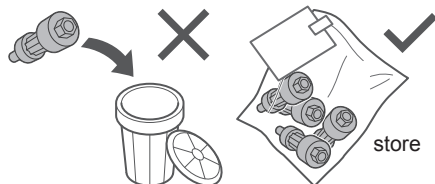
Installation of bottom cover



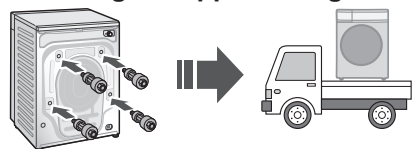
Removing the anchor bolts



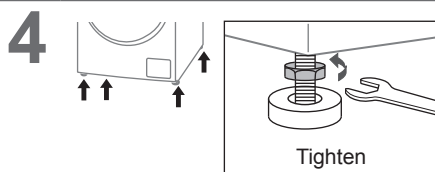
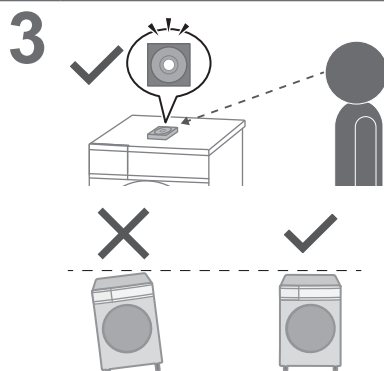
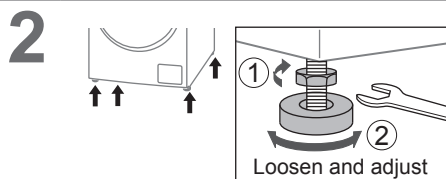
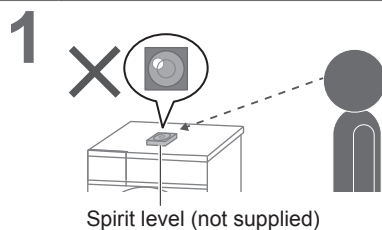
NOTE



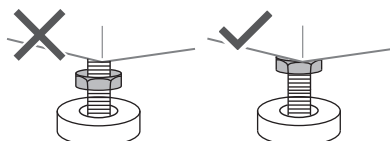
■ Moving the appliance again



Levelling the appliance



NOTE



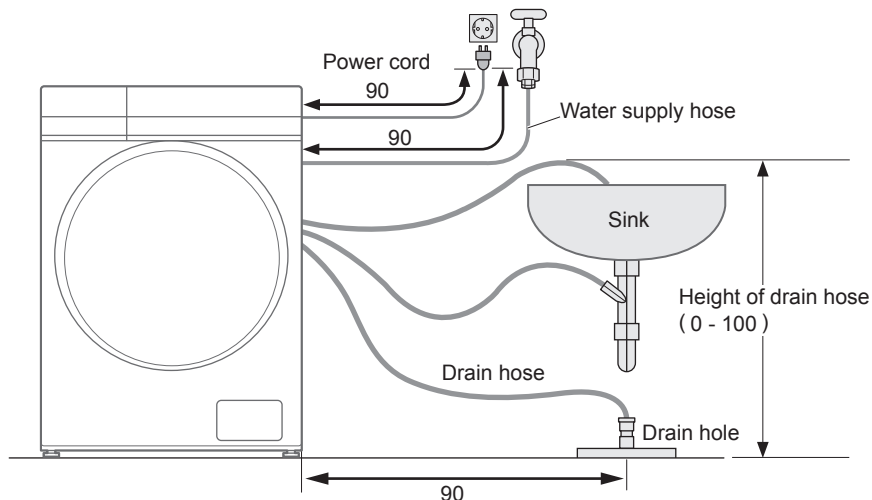
Connecting the Hoses

Connect the hoses properly to prevent water leaks.

Maximum connection distances for hoses and the power cord

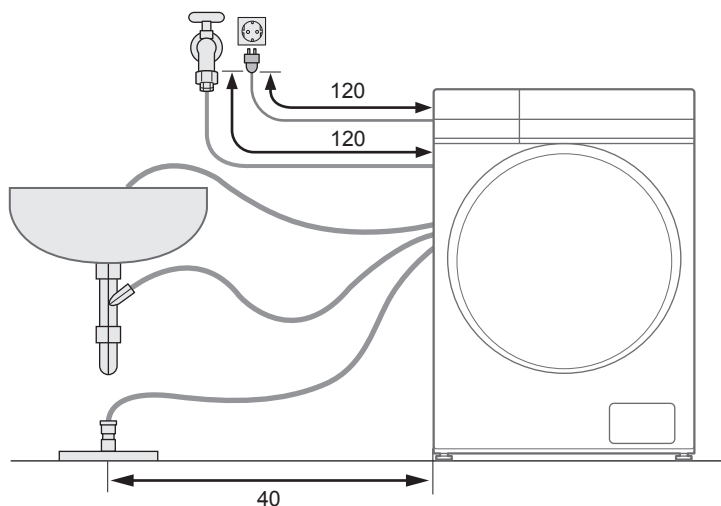
Right side connection

(cm)



Left side connection

(cm)



Connecting the Hoses (continued)

Water supply hose

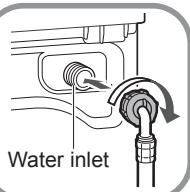
■ Connecting the water supply hose



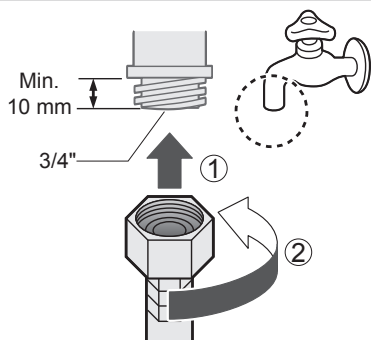
CAUTION

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

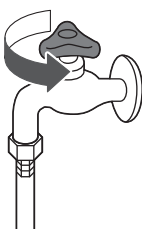
1



2



3



Drain hose

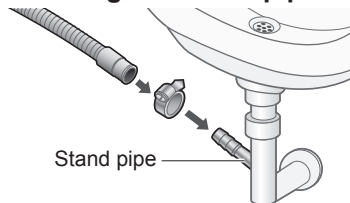
■ Draining to a sink or wash basin

NOTICE



Elbow
(supplied)

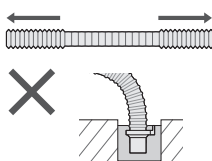
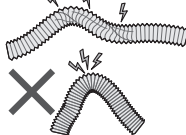
■ Draining to a stand pipe



■ Draining to a drain hole

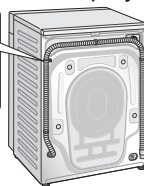


NOTE



NOTE

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

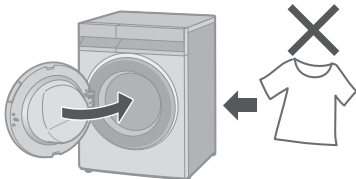


Test Run

1



2



3



4



5



Checking after test run

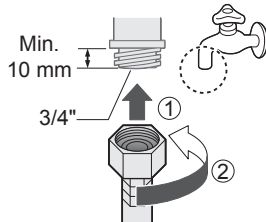
Problem

Causes and Measures

Water leaks

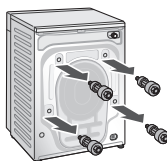


Connect the water supply hose properly

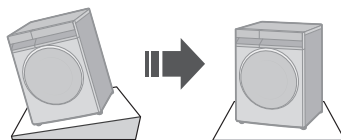


Abnormal sounds

- Remove the anchor bolts (P. 44)



- Install stably



Error display



See P. 40.

Specifications

		NA-S22DG1	NA-S21DG1	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)		11.0	10.5	10.0
Maximum mass of dry cloth (Dry) (kg)		7.0		
Pressure of tap water (MPa)		0.01 - 1		

Arahan Pengendalian & Pemasangan

Mesin Basuh dan Pengering
(Penggunaan Rumah)

No. Model **NA-S22DG1**
NA-S21DG1
NA-S20DG1



Penting untuk membaca arahan ini.

MY

Kandungan

Langkah Berjaga-jaga Keselamatan	2
Memeriksa Mesin Anda	7
Sebelum Mencuci/Mengering	8
Panel Kawalan	10
Detergen	12
Mencuci & Mengering	14
Senarai Program	16
Butiran Program	18
Tip Mencuci & Mengering	20
Mengubah Tetapan Proses	22
Mengubah Tetapan Mesin	26
Penyenggaraan	28
Untuk Hasil yang Lebih Baik	32
Penyelesaian Masalah	33
Paparan Ralat	40
Pemasangan	
Memilih Lokasi yang Betul	42
Memindah dan Memasang	43
Menyambung Hos	44
Memandu Uji	47
Spesifikasi	48

Terima kasih kerana membeli produk ini.

- Untuk mendapatkan prestasi dan keselamatan yang optimum, sila baca arahan ini dengan teliti sebelum menggunakan.
- Simpan manual ini untuk rujukan pada masa akan datang.



AWW9901CJXC0-0C0

Langkah Berjaga-jaga Keselamatan



AMARAN

Boleh menyebabkan kecederaan serius atau kematian

Kanak-kanak tidak boleh menggunakannya keseorangan.

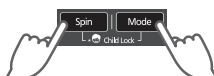


- Perlengkapan ini bukan untuk kegunaan individu (termasuk kanak-kanak) yang kurang keupayaan fizikal, deria atau mental, atau kurang pengalaman atau pengetahuan, kecuali jika mereka telah diberikan penyeliaan atau arahan berkaitan penggunaan perlengkapan ini oleh individu yang bertanggungjawab keatas keselamatan mereka.
- Kanak-kanak harus diperhatikan untuk memastikan yang mereka tidak bermain dengan perlengkapan ini.

Menetapkan Kunci Kanak-kanak. (Hlm. 26)



Buka



Tekan
3 saat.

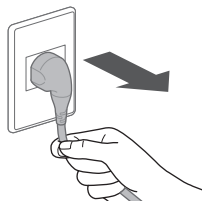


Boleh menyebabkan api atau kejutan elektrik

Jangan sentuh dengan tangan yang basah.



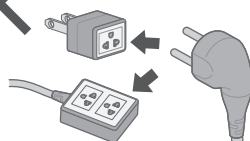
Jangan pegang atau tarik kabel.



Jangan guna.

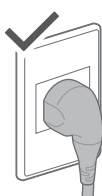


Penyesuai palam



Perentas pemanjangan

Masukkan sepenuhnya.



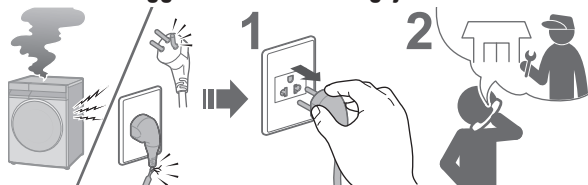
Jangan guna.



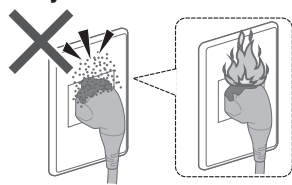
Rosak

- Jika kord kuasa rosak, ia mesti diganti oleh pengilang, wakil servisnya, atau orang yang berkeelayakan bagi mengelakkan bahaya.

Jika kegagalan dan rosak pada kabel kord kuasa, berhenti menggunakan dan hubungi juruteknik elektrik.



Habuk yang terkumpul boleh menyebabkan kebakaran.



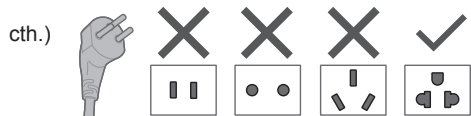
Masukkan palam dengan kemas. Hubungi juruteknik elektrik untuk soket baharu.



Lap palam kuasa secara berkala.



Gunakan soket yang bersesuaian untuk peralatan ini.



- Bentuk palam, bentuk soket dan keperluan kadaran adalah berlainan mengikut rantau.

Jauhkan daripada bahan mudah terbakar.



Boleh menyebabkan kegagalan

Jangan buka, baiki atau ubah suai mesin ini sendiri.



Langkah Berjaga-jaga Keselamatan (sambungan)

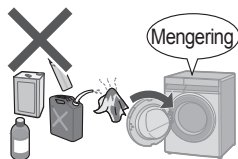


AMARAN

Boleh menyebabkan kebakaran

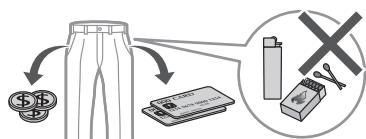
(Untuk penggunaan pengering dengan selamat)

Jangan keringkan pakaian yang dikotori bahan mudah terbakar.



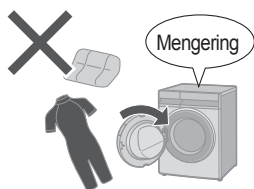
- Pakaian yang kotor kerana bahan-bahan seperti minyak masak, aseton, alkohol, petrol, minyak tanah, penghilang noda, turpentin, lilin, penghilang lilin dan minyak kosmetik tidak boleh dikeringkan di dalam mesin walaupun selepas dibasuh.

Kosongkan semua poket.



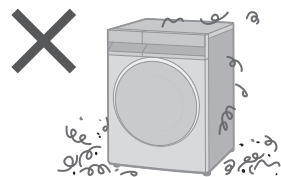
- Pastikan tiada objek yang tersisa di dalam poket. Beri perhatian khusus kepada pematik api dan gores api. Barang-barang tersebut boleh mengakibatkan kebakaran.

Jangan keringkan item diperbuat daripada getah dll.



- Barang-barang seperti getah buih (busa lateks), topi pancuran, tekstil kalis air, kain tahan udara, bahan yang disokong getah dan pakaian atau bantal yang mengandungi pad busa getah tidak boleh dikeringkan di dalam mesin. Bahan-bahan tersebut boleh hancur dan dengan itu akan merosakkan mesin.
- Jangan mengeringkan benda-benda yang belum dibasuh di dalam mesin ini.

Lin tidak dibenarkan untuk mengumpul di sekitar mesin.



Patuhi yang berikut.

- Jangan sekali-kali menghentikan mesin sebelum kitaran pengeringan berakhir kecuali jika semua barang dikeluarkan dengan cepat dan disebar supaya haba hilang.
- Mesin ini tidak boleh digunakan jika bahan kimia perindustrian digunakan untuk pembersihan.
- Mesin tidak boleh dibekalkan menerusi peranti suis luaran, seperti pemasa, atau disambungkan kepada litar yang sentiasa dibuka atau ditutup oleh utiliti.



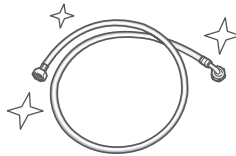
AWAS

Boleh menyebabkan kebocoran air

Tutup pili air.



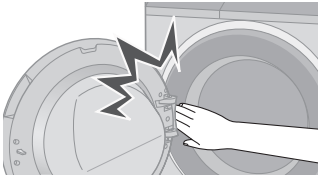
Gunakan set hos baharu.



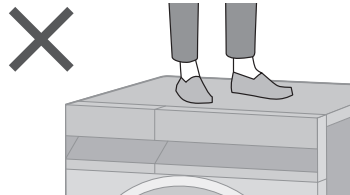
- Anda hendaklah menggunakan set hos baru yang dibekalkan dengan mesin basuh ini dan jangan gunakan semula set hos yang lama.

Boleh menyebabkan kecederaan

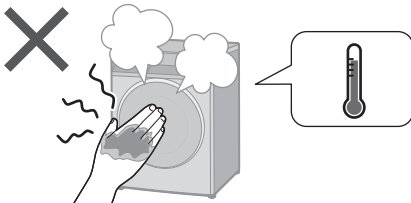
Berhati-hati agar jari anda tidak terperangkap.



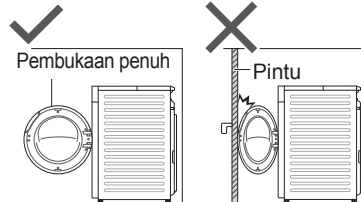
Jangan panjat ke atas mesin basuh ini.



Jangan sentuh semasa ia panas.



Pasang mesin dengan betul.



- Mesin tidak boleh dipasang di belakang pintu yang boleh dikunci, pintu gelangsar atau pintu dengan engsel pada bahagian yang bertentangan dengan mesin sedemikian rupa sehingga pembukaan penuh pintu mesin dihadkan.

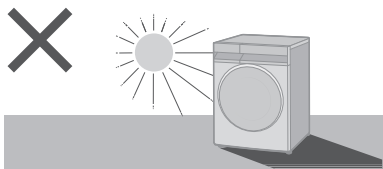
Langkah Berjaga-jaga Keselamatan (sambungan)



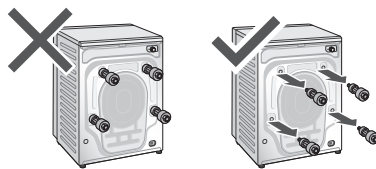
AWAS

Boleh menyebabkan kegagalan

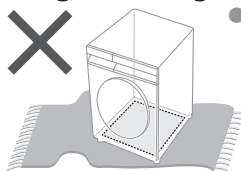
Jauhi daripada haba dan sinaran matahari secara langsung.



Keluarkan bolt penambat sebelum operasi.



Jangan halang.

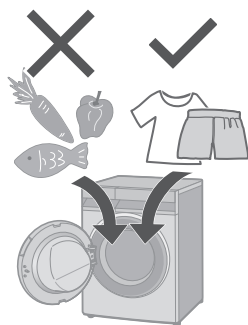


- Jangan halang bukaan muka bawah dengan karpet, dll.

Jangan gunakan air panas.



Untuk pakaian yang boleh dibasuh mesin sahaja.



- Perkakas ini adalah untuk kegunaan rumah. Perkakas ini bukan untuk digunakan di:
 - kawasan dapur kakitangan di kedai, pejabat dan persekitaran kerja yang lain;
 - rumah ladang;
 - klien di hotel, motel dan persekitaran jenis tempat tinggal yang lain;
 - persekitaran penginapan dan sarapan;
 - kawasan untuk penggunaan bersama di blok atau rumah pangsa atau di kedai dobi layan diri.

Jangan basuh pakaian yang berlumuran dengan banyak minyak.



Ikuti arahan ini.

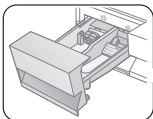


- Pelembut kain atau produk sejenis harus digunakan sesuai ketentuan dalam arahan pelembut kain.

Memeriksa Mesin Anda

Nama alat

Laci detergen (Hlm. 13)



Panel kawalan
(Hlm. 10)

Pintu

Dram

Engsel

Penutup pintu

Kaki boleh laras
(Hlm. 44)

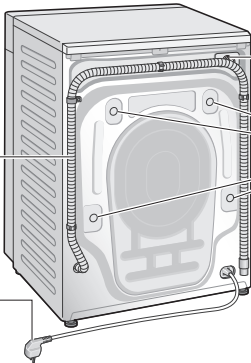
Penutup penapis
saliran (Hlm. 31)

Hos saliran
(Hlm. 45, 46)

Saluran masuk
air (Hlm. 46)

Bolt penambat
(Hlm. 44)

Kabel dan palam kuasa*
* Bentuk palam berbeza
mengikut kawasan.



Aksesori

☐ Siku (1) (Hlm. 46)



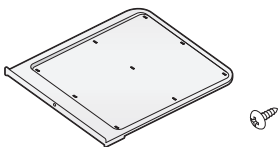
☐ Tudung penutup (4) (Hlm. 44)



☐ Hos bekalan air (1) (Hlm. 45, 46)



☐ Penutup bawah (1) / Skru (1) (Hlm. 43)

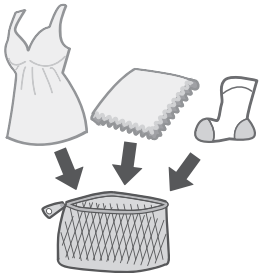
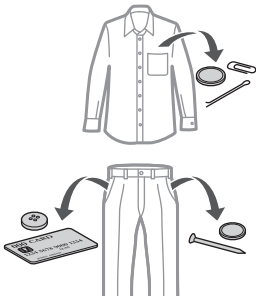


Sebelum Mencuci/Mengering

Menyediakan pakaian

Sebelum memasukkan pakaian dalam dram

- Keluarkan objek asing.
- Gunakan jaring pakaian untuk pakaian kecil dan yang mudah rosak.



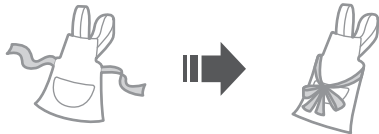
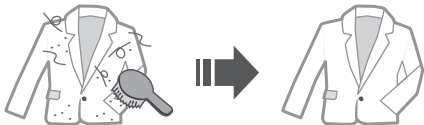
Pemeriksaan pra-cucian



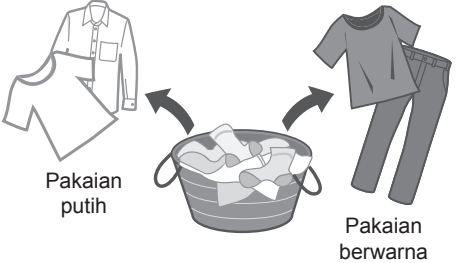
Berbalik



Pakaian mungkin menggosok



- Cuci berasingan.



- Prarawat untuk kotoran yang degil.



- Patuhi label penjagaan.



Tidak boleh dicuci atau dikeringkan

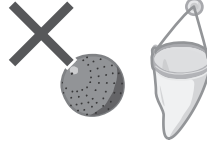
Tidak boleh dicuci atau dikeringkan



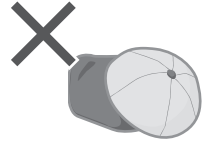
Kulit / bulu



Sutera, rayon dan cupro (Fabrik adunan)



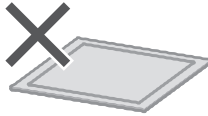
Pembantu pencucian yang tersedia di kedai



Topi dengan bahan teras yang keras



Kusyen, Bantal, dll.



Uretana / tikan beralas getah atau tebal

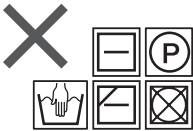


Lampin kertas

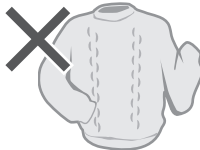
Lain-lain ...

- Pakaian berkedut dan dicetak timbul
- Fabrik krep
- Pakaian yang boleh berubah bentuk (blazer, tali leher, dll.)
- Baldu

Tidak boleh dikeringkan



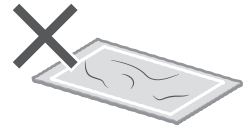
Semua tanda di atas



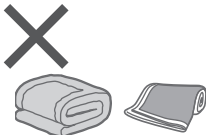
Pakaian bulu



Seluar sama sendat atau sarung kaki



Tikan atau item lain di mana bulu binatang tersangkut



Kulit



Pakaian berkanji



Pakaian dengan tali atau sulaman, serat sintetik baharu dll.

NOTA

- Boleh menyebabkan perubahan bentuk kepada pakaian, kerosakan, pincang fungsi atau bahaya kepada mesin.

Panel Kawalan

Paparan

Lampu Tub Hygiene
(Hlm. 30)

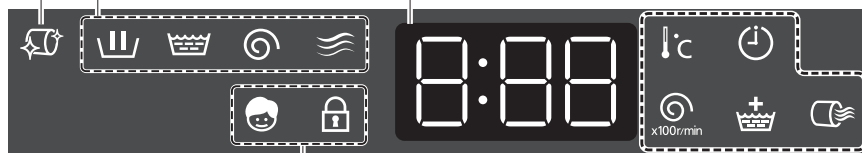
Baki masa



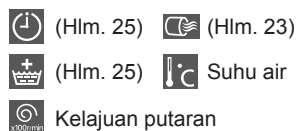
Paparan ralat (Hlm. 40, 41)



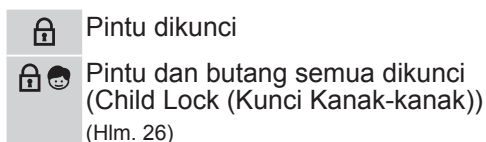
Proses



Lampu fungsi pilihan



Kunci

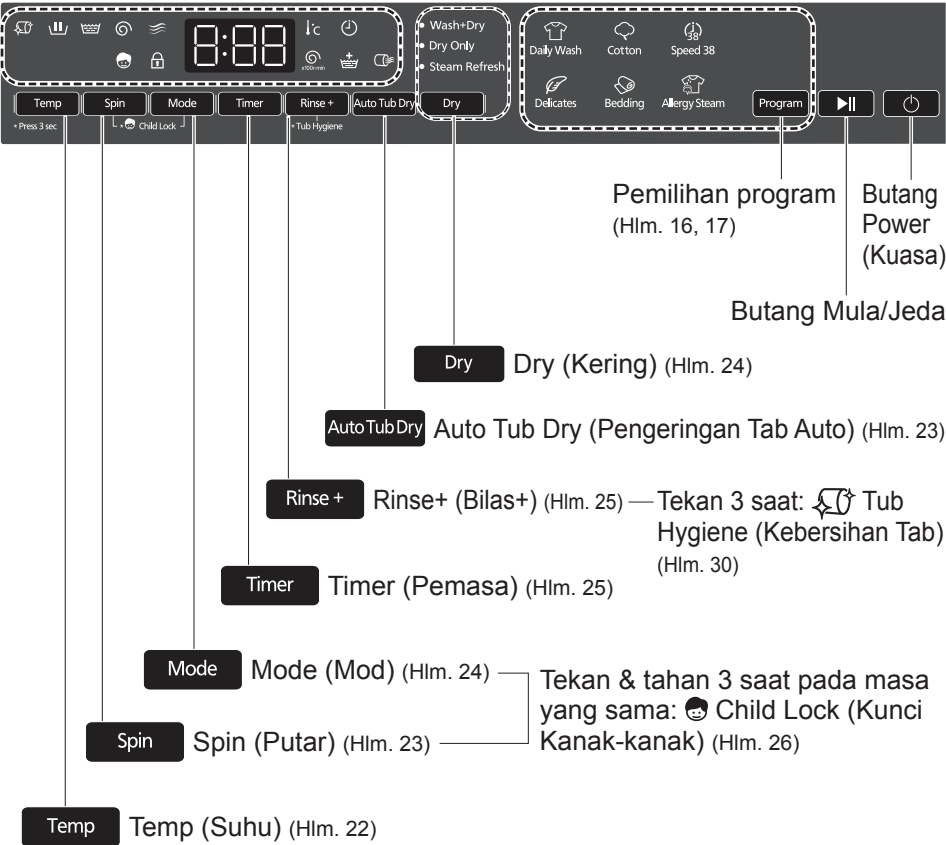


Operasi Sentuh

- Jika terkena air, pencuci atau pelembut, tutup dan lap dengan tuala dsb. serta-merta. (Penyebab kerosakan)



Butang Kawalan



NOTA

- Tutup ➡ buka semula
 - Tutup (3 saat) Buka
- Tiada operasi ➡ kuasa ditutup automatik
 - Buka (Tidak ditekan 10 min. Kuasa ditutup automatik)
- Jika berlaku kegagalan kuasa
 - ➡ Jika kuasa pulih, operasi akan bersambung di mana ia terhenti. (Mula Semula Auto)

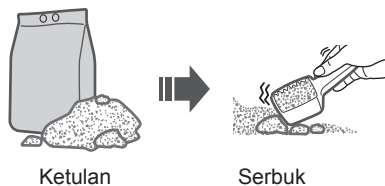
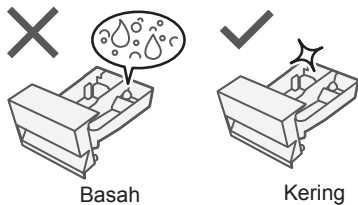
Detergen

- Ikut arahan di setiap bungkusan.

Detergen

Detergen buih rendah

- Untuk mencegah serbuk detergen tertinggal di dalam laci detergen:



Detergen

Detergen serbuk

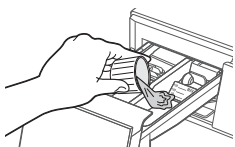
Detergen cecair



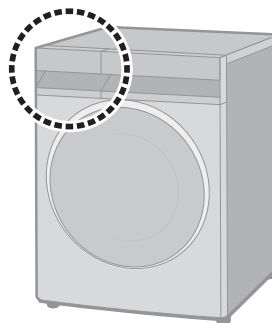
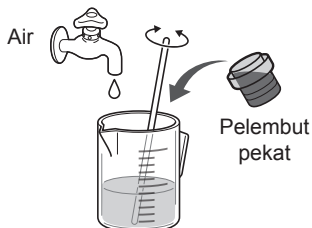
Peluntur



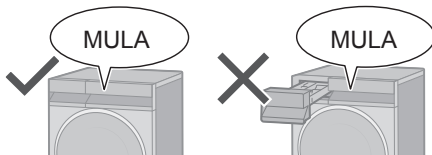
Pelembut kain

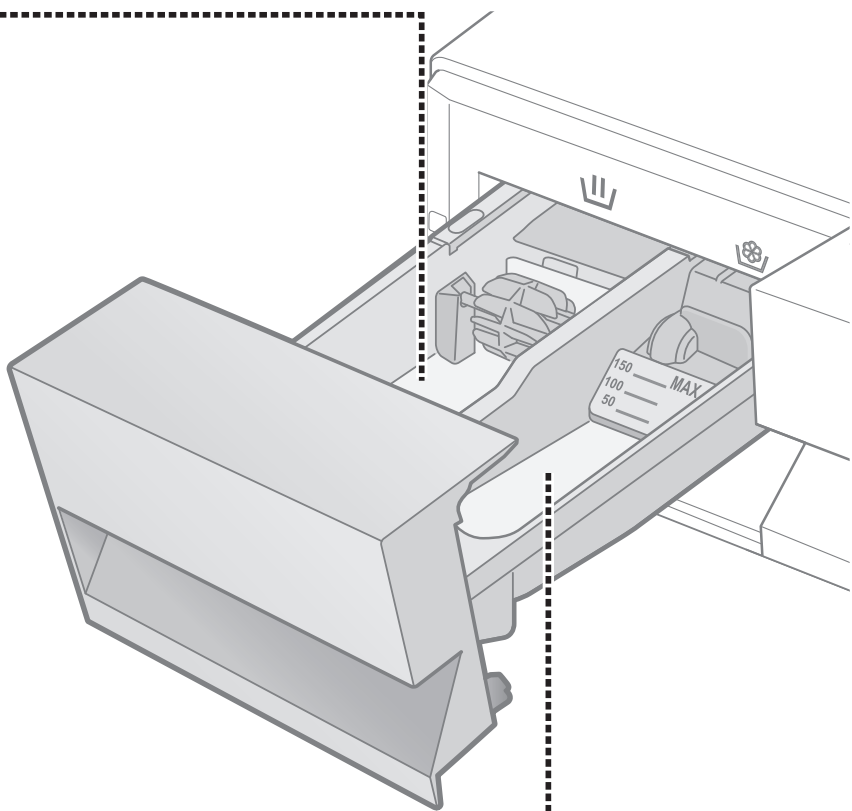


Pelembut terpisah atau berketul



NOTA

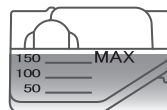
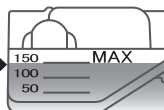




 Pelembut kain

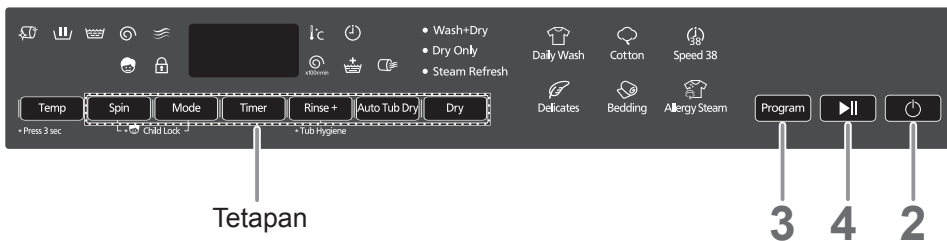


Maks. 150 ml



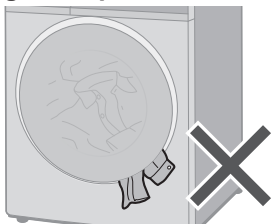
Mencuci & Mengering

Kaedah Asas

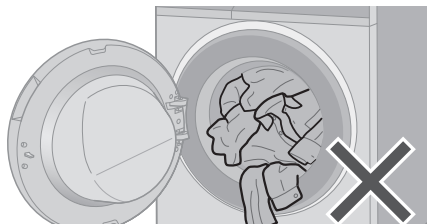


NOTA

■ Jangan biarkan pakaian tersangkut di pintu.

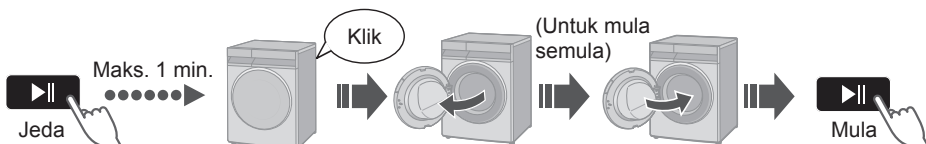


■ Jangan terlebih isi pakaian.



■ Buka pintu semasa operasi

● Semasa mencuci



● Semasa mengering

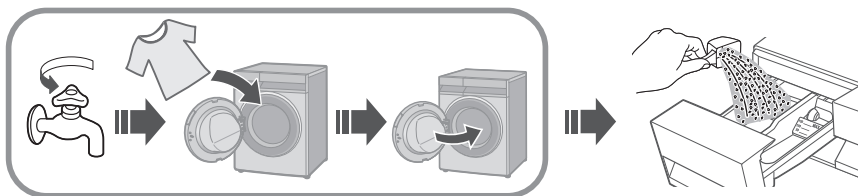


NOTA

● Pintu tidak boleh dibuka. ➡ (Hlm. 34)



1



2



NOTA

Program yang dipaparkan mungkin berbeza mengikut sejarah cucian. (My Smart Memory) (Hlm. 26)

3

Program

Pilih program. (Hlm. 18)

■ **Menukar tetapan.**

Tetapan

Temp	Spin	Mode	Timer
Temp (Suhu) (Hlm. 22)	Spin (Putar) (Hlm. 23)	Mode (Mod) (Hlm. 24)	Timer (Pemasa) (Hlm. 25)
Rinse +	Dry	Auto Tub Dry	
Rinse+ (Bilas+) (Hlm. 25)	Dry (Kering) (Hlm. 24)	Auto Tub Dry (Pengeringan Tab Auto) (Hlm. 23)	

4

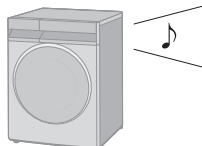


Mengukur jumlah cucian

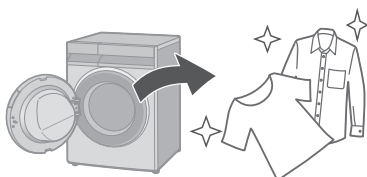
(30 saat)

Memaparkan masa yang diperlukan (dikira semula)

(cth.)



5



Senarai Program

CUCI & KERING / CUCI

Program	Huraian	Muatan maks (kg)				Masa keseluruhan	
		Cuci			Kering	CUCI	CUCI & KERING
		S22DG1	S21DG1	S20DG1			
 Daily Wash (Cucian Harian)	● Pakaian harian 	11.0	10.5	10.0	7.0	1:30	3:55 - 7:35
 Cotton (Kapas)	● Pakaian harian dengan masa tambahan (lebih banyak penjimatan tenaga dan air daripada program "Daily Wash (Cuci Harian)") 	11.0	10.5	10.0	7.0	3:00	5:25 - 9:05
 Allergy Steam (Stim Alergi)	● Untuk kutu 	5.0			5.0	2:05	4:30 - 6:00
 Tub Hygiene (Kebersihan Tab)	● Mencuci dram. 	Tiada				3:45	4:30

KERING

Program	Huraian	Muatan maks (kg)	Masa keseluruhan
Dry Only (Kering Sahaja)  Tekan 2 kali	● Digunakan untung mengeringkan pakaian. 	7.0	1:39 - 6:10

- **Jumlah masa ialah kira-kira** (Apabila kadar bekalan air standard ialah 15 L / min). Untuk suhu air laai setiap program.

CUCI

Program	Huraian	Muatan maks (kg)	Masa keseluruhan
 Speed 38 (Kelajuan 38)	● Muatan kecil 	5.0	0:38
 Bedding (Cadar)	● Item besar 	3.0	1:30
 Delicates (Mudah Rosak)	● Mencuci dengan lembut 	2.0	0:50

Butiran Program

Program		Tetapan	Tetapan auto				
			Temp (Suhu) (°C)	Spin (Putaran) (r/min)	Dry (Kering)	Temp (Suhu) (°C)	
CUCI & KERING	 Daily Wash (Cucian Harian)		40	1200	Wash+Dry (Cuci+Kering)	Sejuk, 30, 40, 60	
	 Cotton (Kapas)		60	1400	Wash+Dry (Cuci+Kering)	Sejuk, 30, 40, 60	
	 Allergy Steam (Stim Alergi)		60	1400	Wash+Dry (Cuci+Kering)	60	
	 Tub Hygiene (Kebersihan Tab)		40	1200	Wash+Dry (Cuci+Kering)	40	
CUCI	 Daily Wash (Cucian Harian)		40	1200	–	Sejuk, 30, 40, 60	
	 Cotton (Kapas)		60	1400	–	Sejuk, 30, 40, 60	
	 Allergy Steam (Stim Alergi)		60	1400	–	60	
	 Tub Hygiene (Kebersihan Tab)		40	1200	–	40	
	 Speed 38 (Kelajuan 38)		40	1200	–	Sejuk, 30, 40	
	 Bedding (Cadar)		Sejuk	700	–	Sejuk, 30	
	 Delicates (Mudah Rosak)		30	500	–	Sejuk, 30, 40	
KERING	Dry Only (Kering Sahaja)		–	1200 *2	Dry Only (Kering Sahaja)	–	
	Steam Refresh (Segar Semula dengan Stim)		–	–	Steam Refresh (Segar Semula dengan Stim)	–	

NOTA

- Untuk pakaian kotor yang normal pada kapasiti berkadar, kami syorkan untuk guna “Cotton (Kapas), 60 °C, 1400 r/min” yang telah diuji menurut IEC 60456 dalam aspek kecekapan tenaga dan air.
- Suhu air sebenar mungkin berbeza daripada suhu kitaran yang dinyatakan.
- Keputusan ujian bergantung kepada tekanan air, keliatan air, suhu air masuk, suhu bilik, jenis dan jumlah muatan, tahap kekotoran, detergen yang digunakan, naik turun bekalan elektrik dan pilihan tambahan yang dipilih.

Julat tetapan		Fungsi pilihan				
Spin (Putaran) (r/min)	Dry Mode (Mod Kering)	Mode (Mod)	Timer (Pemasa)	Rinse+ (Bilas+)	Auto Tub Clean (Pembersihan Tab Auto)	Auto Tub Dry (Pengerangan Tab Auto)
1200, 1400	Wash+Dry (Cuci+Kering)	✓ *1	✓	✓	✓	–
1200, 1400	Wash+Dry (Cuci+Kering)	✓ *1	✓	✓	✓	–
1200, 1400	Wash+Dry (Cuci+Kering)	✓ *1	✓	–	✓	–
1200	Wash+Dry (Cuci+Kering)	–	–	–	–	–
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 (Kering Sahaja)	✓ *1	–	–	–	–
–	Steam Refresh (Segar Semula dengan Stim)	–	–	–	–	–

*1 Masa tetapan untuk “Wash+Dry (Cuci+Kering)” dan “Dry Only (Kering Sahaja)”: 30, 60, 90, 150, 210, 320 minit.

*2 Sekiranya mod “Dry Only (Kering Sahaja)”,

Sekiranya berat pakaian berat, putaran dilakukan: 1200 (r/min)

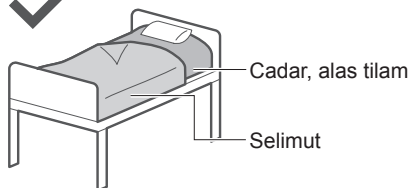
Sekiranya berat pakaian ringan, putaran tidak dilakukan: 0 (r/min)

Tip Mencuci & Mengering

Bedding (Cadar)

■ Item boleh dicuci

- (Cuci)
- (Cucian tangan)
- 100 % kapas atau 100 % sintetik



■ Item tidak boleh dicuci



Selimut elektrik



Bulu



Sutra

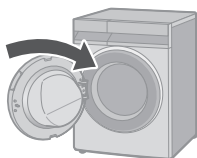


Pail panjang

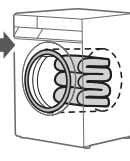
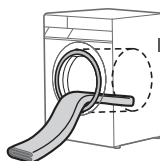
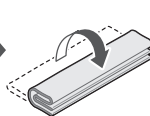
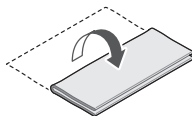


Bulu palsu

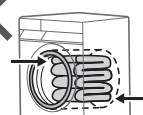
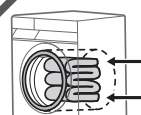
NOTA



■ Masukkan selimut ke dalam dram



NOTA



Delicates (Mudah Rosak)

■ Semasa mencuci

- Untuk membilas dengan lengkap, gunakan fungsi "Rinse+ (Bilas+)". (Hlm. 25)

NOTA



Peluntur

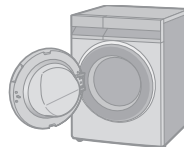


Detergen cecair untuk pakaian mudah rosak



■ Selepas operasi tamat

Keluarkan serta-merta



Dry Only (Kering Sahaja)

Anda boleh ubah mod kering bergantung kepada pakaian.

1



2

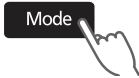


3

Pilih "Dry Mode (Mod Kering)".



■ Menukar masa pengeringan.
(untuk Wash+Dry dan Dry Only)



4



NOTA



- Buka pili walaupun sedang mengering.

Mengering



Untuk penyejukan dan penyahlembapan

- Pintu dikunci semasa mengering.



Mengering

Untuk membuka pintu (Hlm. 14)

Mod Kering

Wash+Dry
(Cuci+
Kering)
dan
Dry Only
(Kering
Sahaja)

30

60

90

150

2 10

3 20

Huraian

Untuk pakaian sensitif-
haba (Maks. 7.0 kg).

- Untuk pakaian yang mudah kedut.



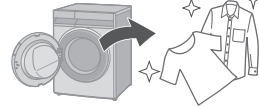
Tekstur lebih nipis kosong
dianyam dan krep dll.

- Untuk pakaian sedikit
(Maks. 0.5 kg).

*Masa: 30 min.

*Selepas mengering:

Keluarkan serta-merta



- Untuk pakaian separuh kering.

*Masa: 30 min. dan lebih

Steam
Refresh
(Segar
Semula
dengan
Stim)

Gunakan wap untuk mengurangkan
kedutan dan bau pada kain kering
seperti linen atau blaus baju kapas
atau fabrik tiruan.

(Maks. 2.0 kg kain kering).

*Masa: 37 min.

*Selepas pengeringan, dram akan
berputar setiap 5 minit selama 40
saat untuk mengelakkan kedutan
yang disebabkan oleh pakaian
ditinggalkan tanpa pengawasan.



Lampu
(Buka)



Lebih kurang 2 jam

- Untuk membuka pintu:



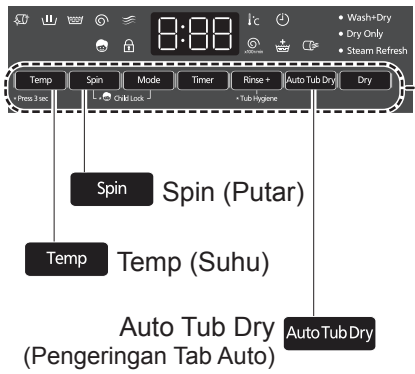
atau



Mengubah Tetapan Proses

■ Menyediakan

- Susun pakaian dan masukkan ke dalam dram. (Hlm. 8)
- Tambah detergen. (Hlm. 12)



- Pilihan dan julat tetapan yang tersedia adalah berbeza bergantung kepada program. (Hlm. 18)
- Penggera berbunyi jika anda memilih pilihan yang tidak tersedia.



Temp (Suhu)

Mengubah suhu cucian.



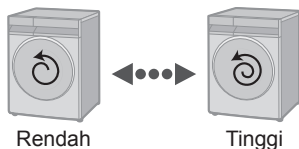
■ Panduan tetapan

Rendah	Tinggi
● Warna 	● Putih 
● Sedikit Kotor 	● Sangat Kotor 
● Mudah kecut	● Kapas



r/min **Spin (Putar)**

Ubah kelajuan putaran.



■ Panduan tetapan

 Rendah	 Tinggi
● Mengurangkan kedutan 	● Untuk mengeringkan lebih menyeluruh 

3  (Hlm. 19)

■ To mengubah tetapan semasa mencuci



1  Jeda

2  Spin

3  Mula

Auto Tub Dry

Tambah proses pengeringan tab.



3    **Padam (Tutup)** **Lampu (Buka)**

1 kali	Lalai Mati
2 kali	Auto Tub Dry 30 min (Kira-kira 90% kering)
3 kali	Auto Tub Dry 60 min (Kering sepenuhnya)

■ Selepas kitaran cucian tamat



Auto Tub Dry akan bermula secara automatik

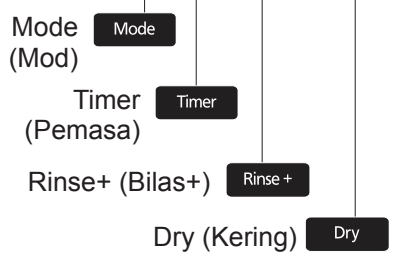
NOTA

- Tetapan akan disimpan.
- Keluarkan semua pakaian dari dram sebelum auto tub drying.
- Jangan putuskan sambungan paip air.
- Jika pintu tidak ditutup dalam tempoh 8 jam, Auto Tub Dry akan dibatalkan.

Mengubah Tetapan Proses (sambungan)

■ Menyediakan

- Susun pakaian dan masukkan ke dalam dram. (Hlm. 8)
- Tambah detergen. (Hlm. 12)

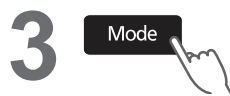


- Pilihan dan julat tetapan yang tersedia adalah berbeza bergantung kepada program. (Hlm. 18)
- Penggera berbunyi jika anda memilih pilihan yang tidak tersedia.



Mode (Mod)

Pilih kombinasi basuh, bilas dan putar.



 *1	Cuci
 *2	Bilas
 *2	Putar
	Cuci dan bilas
	Cuci dan putar
	Bilas dan putar

- *1 Air dikeluarkan selepas proses cucian.
- *2 Keluarkan air dahulu jika ada air di dalam dram.

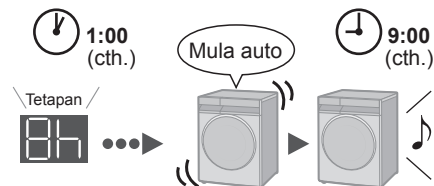
CUCI & KERING Dry (Kering)

Pilih kombinasi proses.



⌚ Timer (Pemasa)

Tetapkan berapa jam kemudian untuk selesaikan operasi. (Sehingga 24 jam)



3



Tekan atau tahan

■ Untuk periksa masa pratetap

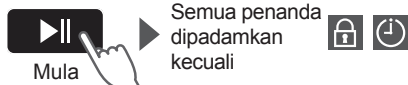


■ Untuk batalkan tetapan



(Semua tetapan dibatalkan)

NOTA



- Not available: Hlm. 19

⚙ Rinse+ (Bilas+)

Tambah bilasan ekstra.



3



■ To mengubah tetapan semasa mencuci



1



2

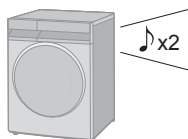
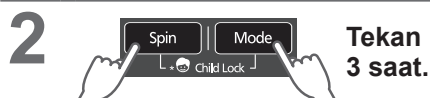
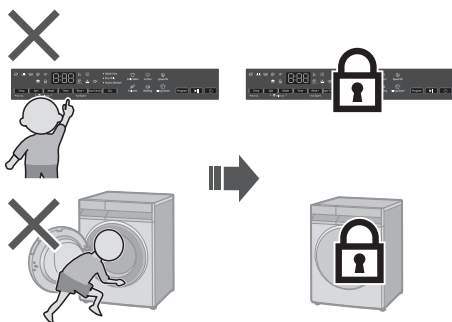


3



Mengubah Tetapan Mesin

Menetapkan Kunci Kanak-kanak



Lampu
(Buka)

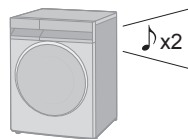
■ Untuk batalkan:

Prosedur yang sama



Padam
(Tutup)

Membatalkan pembaz



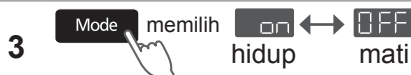
■ Untuk menetapkan semula:

Prosedur yang sama

Memori Pintar Saya

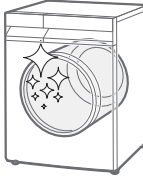
Mencadangkan program yang paling kerap digunakan secara automatik berdasarkan 10 kitaran cucian terakhir. Apabila kuasa dihidupkan, penunjuk program yang dicadangkan akan menyala.

■ Hidup / matikan



Auto Tub Clean (Pembersihan Tab Auto)

Menambah proses pembersihan tab secara otomatis pada program tertentu. (Hlm. 19)

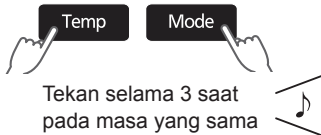


■ Hidup / matikan

1



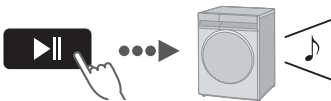
2



3



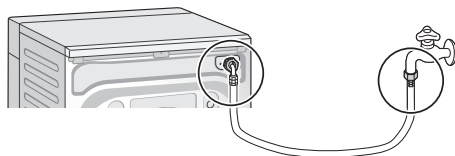
4



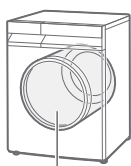
Penyelenggaraan

Penapis bekalan air

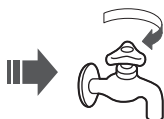
Jika air tidak mengalir dengan lancar



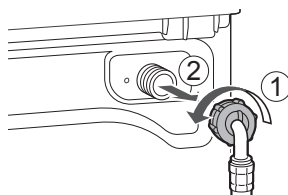
1



Kosong



6

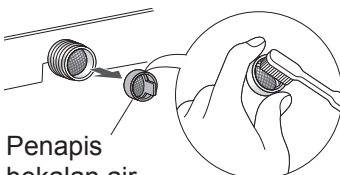


2



Buka

7



Penapis
bekalan air

3



Program

Pilih



Daily Wash
(Cucian Harian)

4



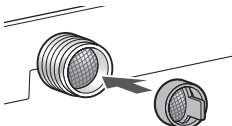
Mula

1 min.



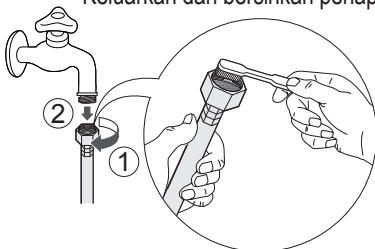
Tutup

8

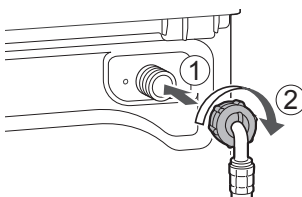


5

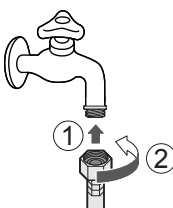
Keluarkan dan bersihkan penapis

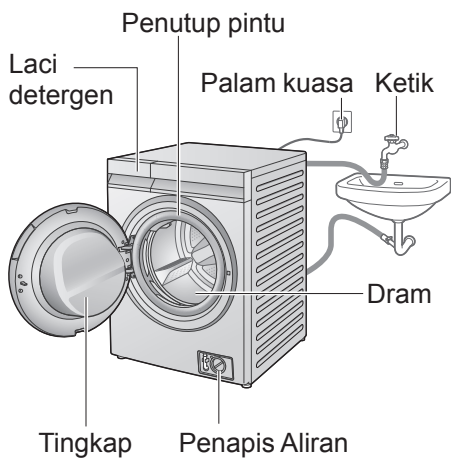


9



10





Mesin

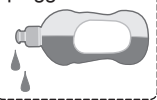


Penutup pintu

Untuk kotoran degil



Pencuci
pinggan lembut



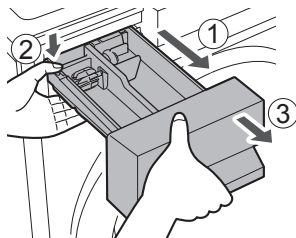
NOTA



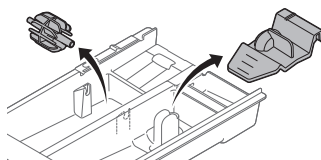
- Jangan guna pencuci atau pencair berpasir, atau produk yang mengandungi alkohol atau minyak parafin.

Laci pencuci

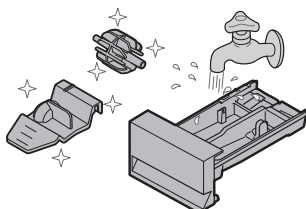
1



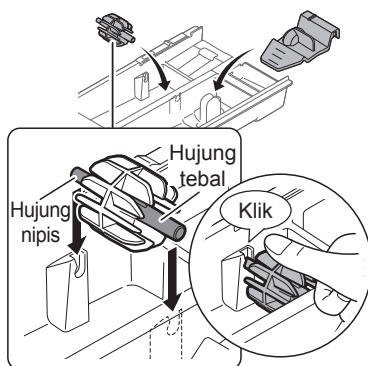
2



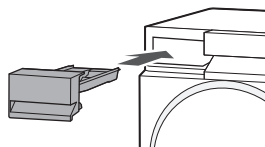
3



4



5



Penyenggaraan (sambungan)

Dram

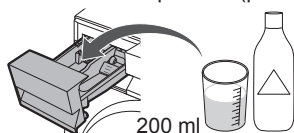
Setiap 6 bulan atau jika  berkelip
<Tub Hygiene (Kebersihan Tab)>

1

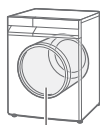


2

Peluntur pemutih (peluntur klorin)



3



Buka

Tiada pakaian

4

Rinse +

Tahan
3 saat.



Lampu
(Buka)

5

Lebih kurang
3:45



Mula



NOTA

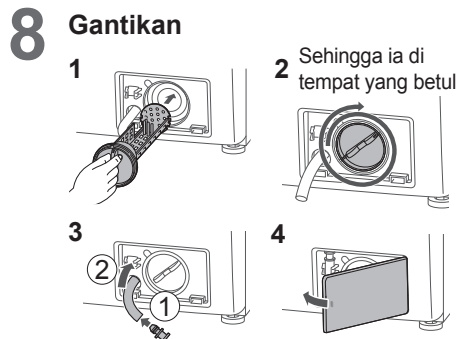
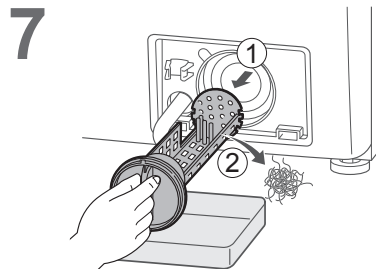
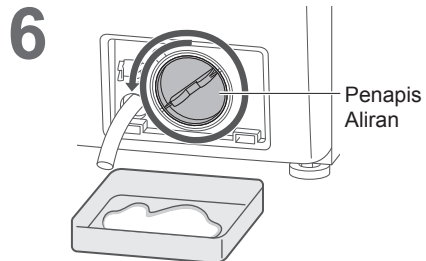
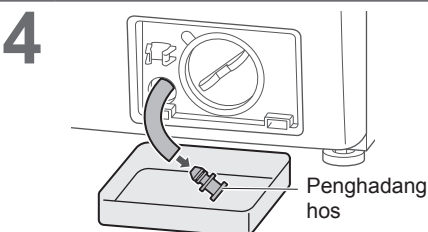
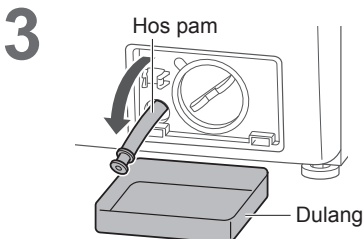
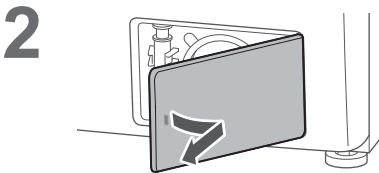
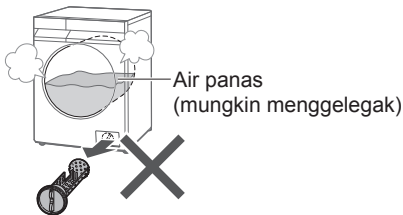
- Jika program “Tub Hygiene (Kebersihan Tab)” tidak berjalan, penunjuk berbunyi  jika program lain berjalan sebanyak 3 kali.

Penapis Aliran

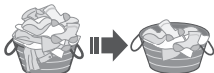
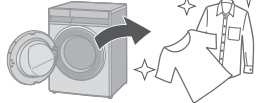
Sebulan sekali

Pastikan air di dalam dram
dialirkan sebelum prosedur ini.

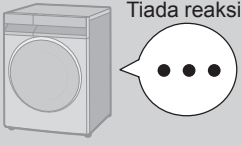
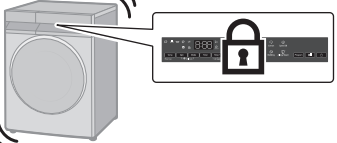
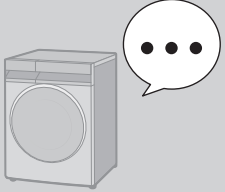
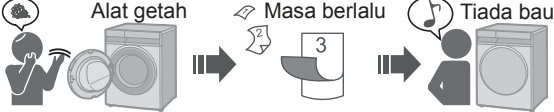
 **AWAS**



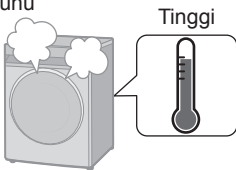
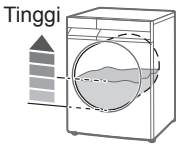
Untuk Hasil yang Lebih Baik

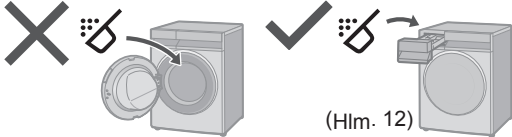
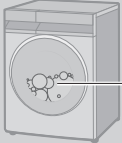
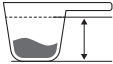
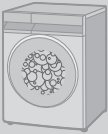
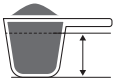
Simptom	Tip untuk hasil yang baik
Pakaian kecut 	Jika produk kapas mengecut daripada pengeringan • Lembapkan dan regangkan. 
Rasa sentuhan berubah disebabkan kedutan 	• Kurangkan jumlah pakaian.  • Memilih mod kering. (Hlm. 21) Dry Bergantung kepada pakaian  • Selepas mengering  Keluarkan serta-merta
• Pengeringan tidak cukup • Pengeringan tidak sekata 	• Kurangkan jumlah pakaian.  • Buka. 
Rasa kasar 	• Apabila tuala rasa kasar selepas cucian  Pelembut fabrik  ➡ Jika masih rasa kasar  Kering
Terdapat lin 	• “Rinse+ (Bilas+)” atau “Tub Hygiene (Kebersihan Tab)”  Rinse+ (Bilas+) (Hlm. 25) atau  Tub Hygiene (Kebersihan Tab) (Hlm. 30)

Penyelesaian Masalah

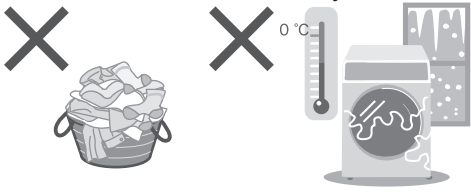
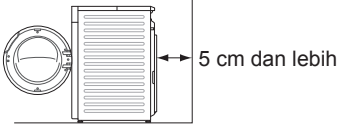
	Simptom	Titik untuk diperiksa
Unit utama	Tekan butang  Tiada reaksi 	☐ Sebab yang mungkin ● Semasa operasi  ☐ Cuba ● Child Lock (Kunci Kanak-kanak) (Hlm. 26) 
	Tiada operasi 	☐ Periksa ● Potongan kuasa ● Pemasa  ☐ Cuba ● Tutup pintu. ● Buka. ● Buka dan masukkan sekali lagi.  ● Tekan "Start (Mula)".  ● Hidupkan pemutus.  ① (30 saat) ②
	Bau getah 	☐ Sebab yang mungkin  Alat getah Masa berlalu 3 Tiada bau ☐ Cuba ● Tub Hygiene (Kebersihan Tab) (Hlm. 30) 

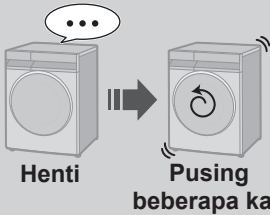
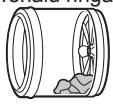
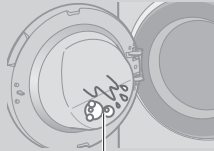
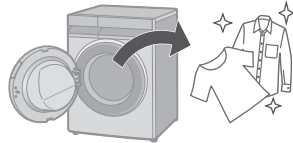
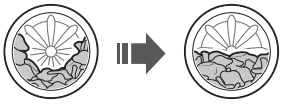
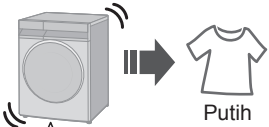
Penyelesaian Masalah (sambungan)

	Simptom	Titik untuk diperiksa
Unit utama	Pintu tidak boleh dibuka 	☐ Sebab yang mungkin ● Semasa operasi (Mencuci atau mengering)  Pintu dikunci Untuk membuka pintu semasa operasi (Hlm. 14)
		☐ Periksa ● Suhu  ● Paras air 
		☐ Cuba ● Child Lock (Kunci Kanak-kanak) (Hlm. 26)  ● Semasa operasi 1  Tutup 2  Buka 3  Mode (Hlm. 24)  4 
		NOTA  Pintu dikunci   Potongan kuasa   Dipulihkan  Arrows indicate the sequence: Locked door → Power cut → Restored power → Locked door.

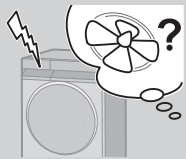
	Simptom	Titik untuk diperiksa
Pencuci dan buih	Selepas mencuci 	☐ Periksa 
		☐ Sebab yang mungkin - Jumlah buih berbeza-beza. - Suhu  - Paras air  - Kelembutan air 
	Tidak cukup 	☐ Periksa - Detergen serbuk - Detergen terlalu sedikit  - Detergen rendah buih  - Sangat Kotor  - Muatan terlalu besar 
	Terlalu banyak 	☐ Periksa Detergen terlalu banyak 

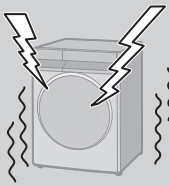
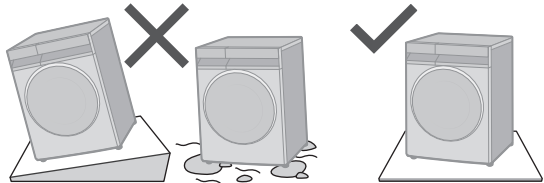
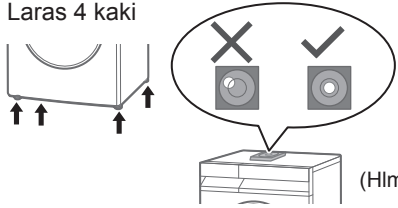
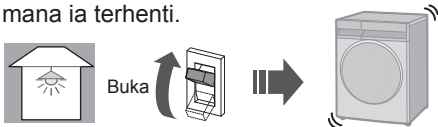
Penyelesaian Masalah (sambungan)

	Simptom	Titik untuk diperiksa
Cuci	Semasa mencuci  Cuci  Saliran air	☐ Sebab yang mungkin Buih yang berlebihan Fungsi pengesanan buih Bekalan air auto  Buih Saliran automatik
Kering	Mengering ambil terlalu lama  Mengering	☐ Periksa ● Terlalu berat ● Terlalu sejuk  ☐ Cuba ● Periksa lokasi.  5 cm dan lebih

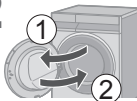
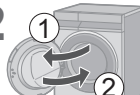
	Simptom	Titik untuk diperiksa
Bilas/Putar	Semasa proses putaran  Henti Pusing beberapa kali	☐ Sebab yang mungkin Pembetulan permukaan  Auto betul Henti Auto betul Pembetulan permukaan ☐ Cuba Terlalu ringan  Tambah 1 atau 2  Tuala mandi
	Selepas mencuci  Buih atau air	☐ Cuba Lap  
	Putaran bertukar kepada bilas  Putar Bilas	☐ Sebab yang mungkin Jika pakaian tidak rata, mesin ini membetulkannya secara automatik dengan proses membilas. 
Pakaian	Jika pakaian menguning  Kuning	☐ Cuba  Putih  +  Temp 60 °C

Penyelesaian Masalah (sambungan)

	Simptom	Titik untuk diperiksa
Masa	Semasa mencuci Masa dipapar  Perubahan	☐ Sebab yang mungkin ● Masa yang tinggal dibetulkan semasa operasi.  ● Jika tetapan diubah ● Jika pakaian tidak rata   ➡ Masa yang tinggal boleh bertambah.
	Baki masa Tidak berkurang  atau Tiba-tiba berkurang 	☐ Sebab yang mungkin Masa yang dipaparkan adalah sebagai panduan.
Bunyi	Semasa saliran air 	☐ Sebab yang mungkin ● Ini adalah normal. Pam saliran.
	Bunyi kipas berputar 	☐ Sebab yang mungkin ● Ini adalah normal. Kipas tersebut menyejukkan alat elektrik.
	Motor mengeluarkan bunyi 	☐ Sebab yang mungkin ● Ini adalah normal. Motor akan mengeluarkan bunyi pendek ketika dram bergerak.

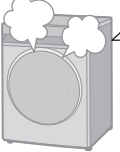
	Simptom	Titik untuk diperiksa
Bunyi	Bunyi aneh (atau getaran) 	□ Periksa ● Item logam  ● Bolt pengikat (Hlm. 44)  ● Cerun atau permukaan tidak stabil  ● Laras 4 kaki  (Hlm. 44)
Lain-lain	Potongan kuasa Pemutus  Tutup	□ Periksa ● Jika kuasa pulih, operasi akan bersambung di mana ia terhenti. 

Paparan Ralat

Paparan Ralat	Titik untuk diperiksa		
U 11 Tidak dapat disalurkan	1 Periksa 	2 	3  Mula
	 (Hlm. 31)		
U 12 Pintu dibuka	1 	2  Mula	
U 13 Tidak dapat berputar	1 	2 Periksa	3   Mula
	Terlalu sedikit  Ratakan  Tidak stabil atau senget  Stabilkan  Terlalu banyak  Kurangkan  Terlalu sedikit  Tambah 		
	Jika ralat U13 muncul semasa memulakan “Auto Tub Dry (Pengeringan Tab Auto)” 1  2 Keluarkan semua pakaian  3  Mula		
U 14 Tidak dapat membekalkan air	1 Periksa	2 	3  Mula
	Ketiadaan air 	Tutup 	Penapis bekalan air (Hlm. 28) 

Paparan Ralat	Titik untuk diperiksa			
 Tidak dapat menyalirkan ketika mengering	1  Tutup	2 Periksa hos saliran (Rujuk U11)	3  Buka	4 Pilih program pengeringan sekali lagi  Mula
 Tidak dapat berputar	1 Mula semula  Tutup	2 Jalankan Bilas dan Putar program "Speed 38 (Kelajuan 38)"  Buka	• Cucian seterusnya:  /  Pencuci buih rendah	
	1 	2 	3 	

■ Maklumat

 Tidak dapat dibuka	Panas 	Semasa Mengering (Hlm. 14) 	Temp  Tekan 3 saat.	Mula menyejuk ●●●●●▶ 5 ke 20 min. 
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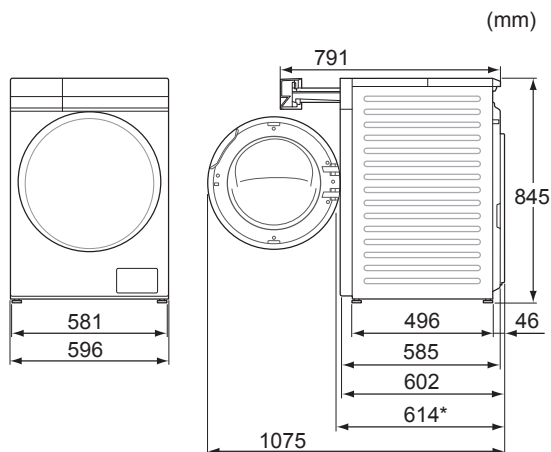
Memilih Lokasi yang Betul



Pastikan anda minta bantuan juruteknik servis untuk pemasangan.

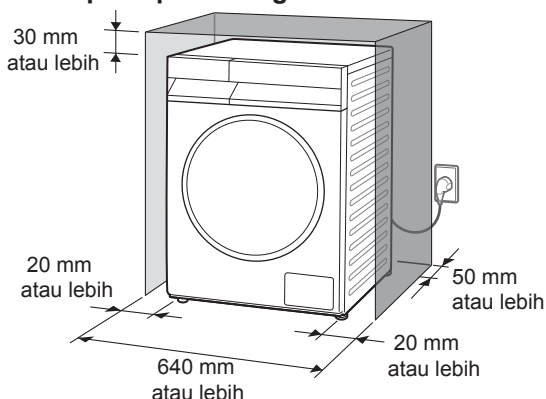
- Jangan pasang mesin ini sendiri.
- Ikuti kaedah pemasangan ini. Jika tidak, Panasonic tidak akan bertanggungjawab di atas apa-apa kemalangan atau kerosakan.

Ukuran mesin



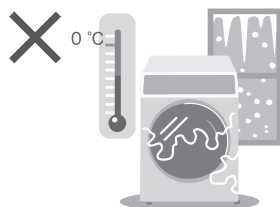
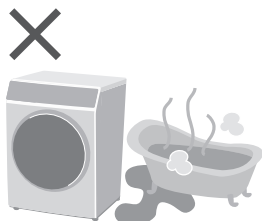
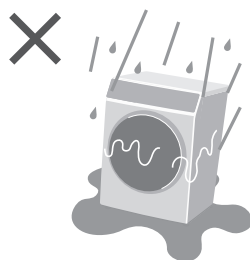
* 614 mm: Kedalaman produk, diukur dari bahagian belakang hingga titik pintu yang paling menonjol semasa ditutup.

■ Tetapkan pemasangan



- Jangan biarkan bahagian logam mesin bersentuhan dengan sinki dan mesin lain.

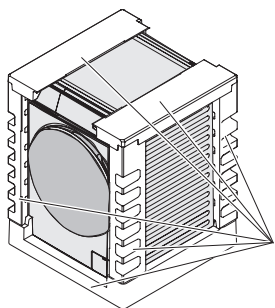
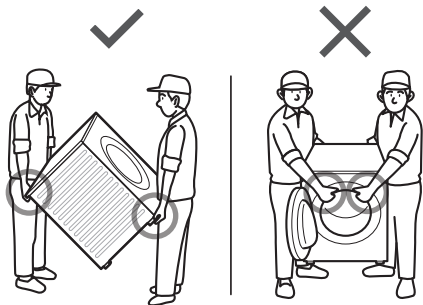
Periksa lokasi.



Memindah dan Memasang

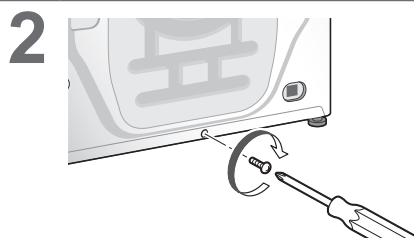
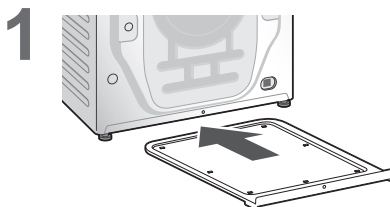
Membawa mesin

Jangan melakukannya bersendirian.



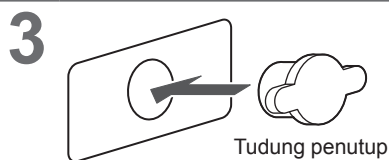
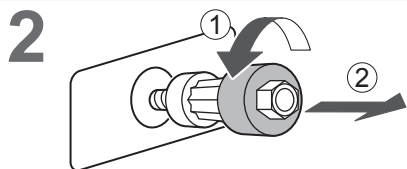
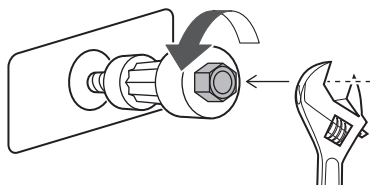
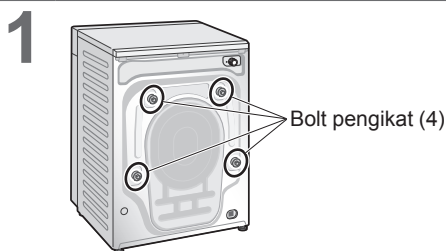
Tanggalkan semua kusyen pembungkusan sebelum mula menggunakan perkakas.

Pemasangan penutup bawah

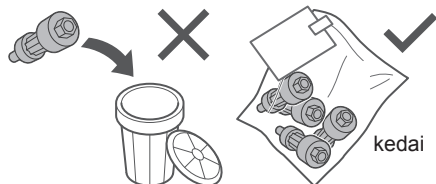


Pemasangan Memindah dan Memasang (sambungan)

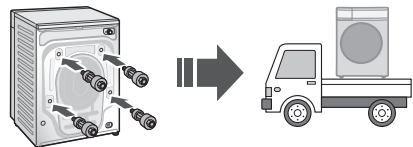
Membuka bolt pengikat



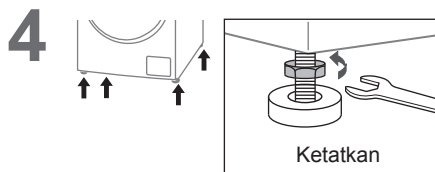
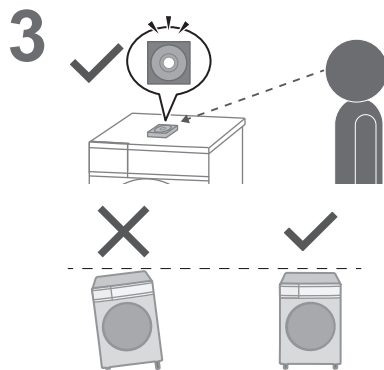
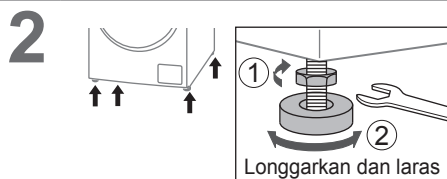
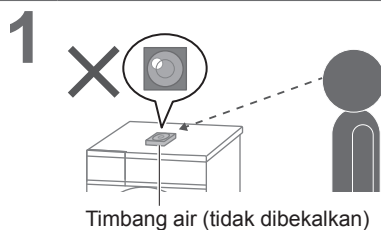
NOTA



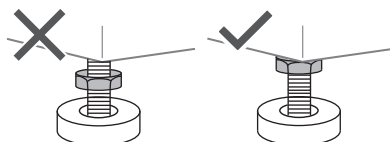
■ Mengalihkan mesin sekali lagi



Meratakan mesin



NOTA

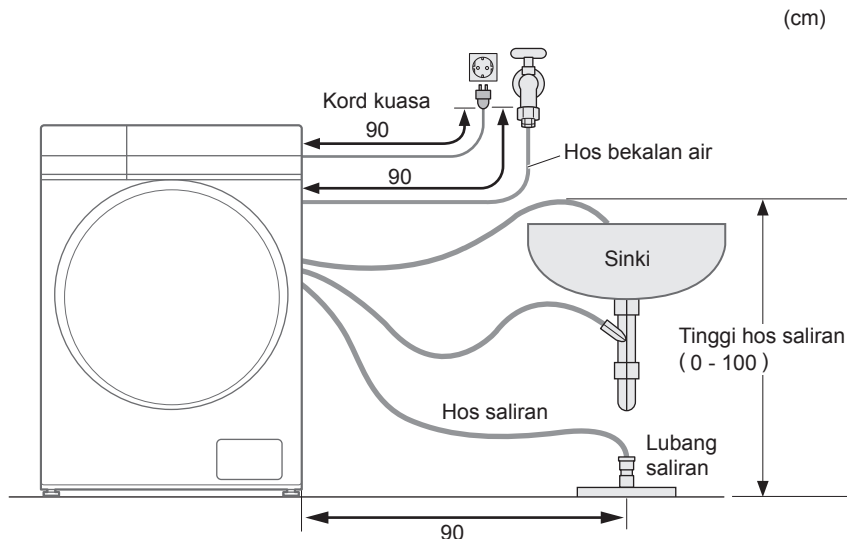


Menyambung Hos

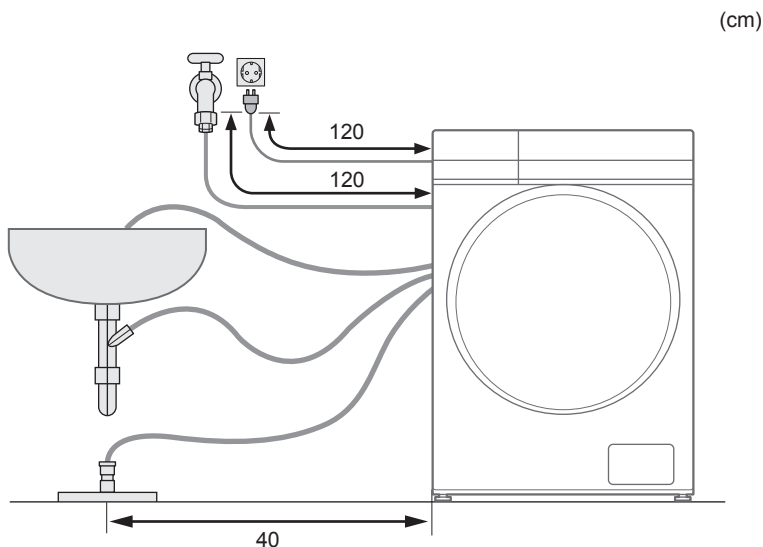
Sambungkan hos dengan betul untuk mencegah kebocoran air.

Jarak sambungan maksimum untuk hos dan kabel kuasa

Sambungan sebelah kanan



Sambungan sebelah kiri



Menyambung Hos (sambungan)

Hos bekalan air

■ Menyambung hos bekalan air



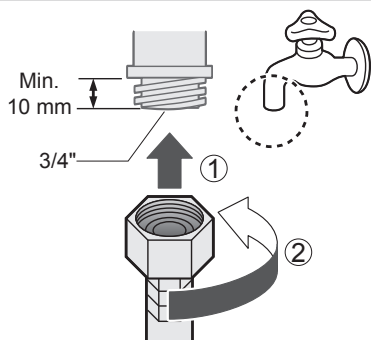
AWAS

- Ketatkan nat dengan rapi.
- Jangan pusing, penyek, ubah suai atau potong hos.

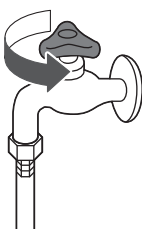
1



2



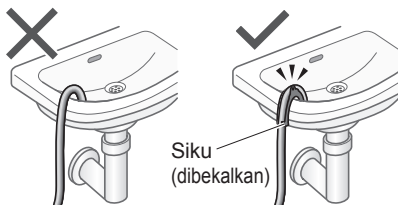
3



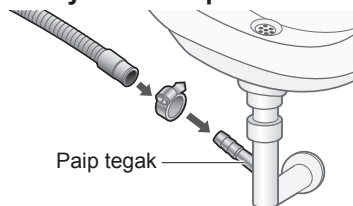
Hos saliran

■ Menyalirkan kepada sinki

NOTIS



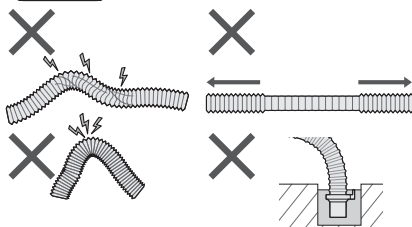
■ Menyalirkan kepada sinki



■ Menyalirkan kepada lubang saliran

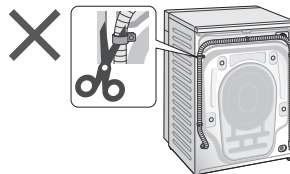


NOTA



NOTA

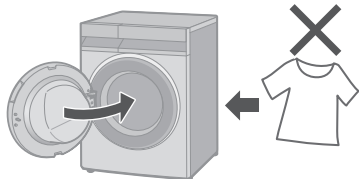
- Jangan potong/tanggalkan tali pinggang ini. Jika tidak, mesin akan memaparkan U14. (Hlm. 40)



1



2



3



4



 **Speed 38 (Kelajuan 38)**

5



Memeriksa selepas memandu uji

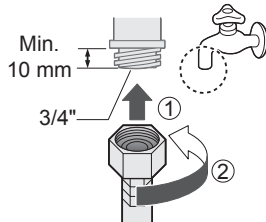
Masalah

Sebab dan Langkah

Kebocoran air

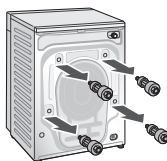


Pasang hos bekalan air dengan betul

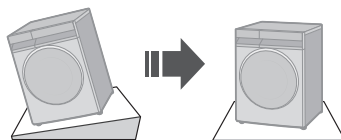


Bunyi tidak normal

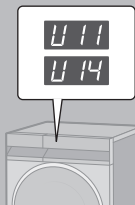
- Membuka bolt pengikat (Hlm. 44)



- Pasang bolt pengikat



Paparan ralat



Lihat Hlm. 40.

Spesifikasi

		NA-S22DG1	NA-S21DG1	NA-S20DG1
Voltan terkadar (V)		220 - 240		
Frekuensi terkadar (Hz)		50		
Input kuasa terkadar tenaga maksimum (W)		1600 - 1900		
Input kuasa tenaga pemanasan maksimum (W)	Untuk membasuh	1445 - 1710		
	Untuk mengeringkan	905 - 1090		
Putaran perah maksimum (r/min)		1400		
Ukuran produk (L x D x T) (mm)		596 × 585 × 845		
Berat produk (kg)		68		
Berat maksimum kain kering (Cucian) (kg)		11.0	10.5	10.0
Berat maksimum kain kering (Kering) (kg)		7.0		
Tekanan air paip (MPa)		0.01 - 1		