

Panasonic®

Operating & Installation Instructions

Washing Machine (Household Use)

Model No. **NA-V10FR1 NA-V90FR1**
NA-V10FC1 NA-V90FC1



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 This washing machine has
“Dry Assist” function (P. 28).

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AWW9901CAZC0-0C0

Safety Precautions



WARNING

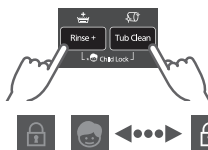
May cause serious injury or death

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. 30)



Hold
5 sec.

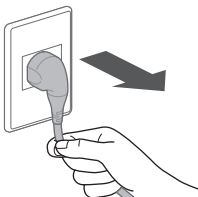


May cause fire or electric shock

Do not touch it with wet hands.



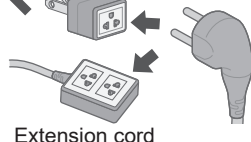
Do not hold or pull on the cord.



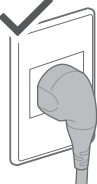
Do not use.



Plug adaptor



Fully insert it.

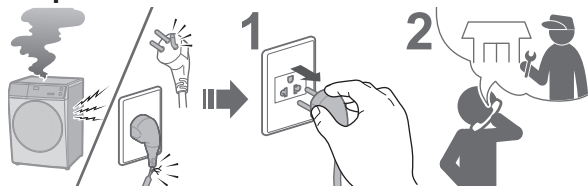


Do not use.

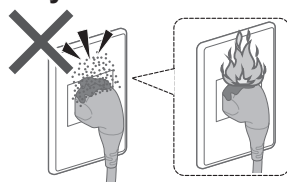


- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

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



Accumulated dust may cause fire.



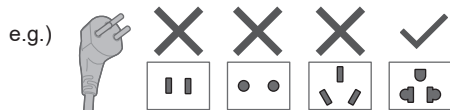
**Securely insert the ground prong.
Ask the electrical technician for a new socket.**



Wipe the power plug periodically.

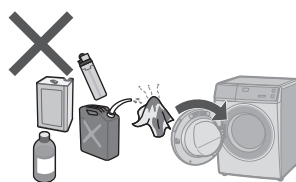


Use a socket appropriate for this appliance.



- 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.



When using the “Panasonic SmartApp+” app
(Cause of malfunction due to radio waves from the appliance) **V10FR1**

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

Safety Precautions (continued)



WARNING

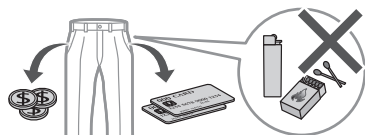
May cause fire (For safety use of the drying feature)

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.



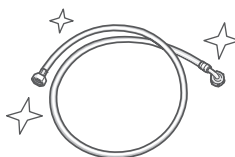
CAUTION

May cause water leakage

Turn off the water faucet.



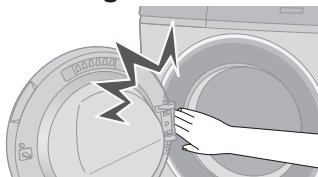
Use new hose-sets.



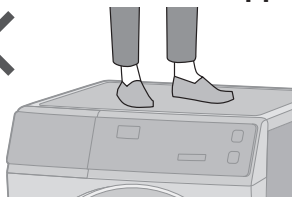
- New hose-sets supplied with the appliance are to be used and old hose-sets should not be reused.

May cause injury

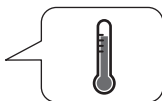
Be careful not to get your fingers caught.



Do not climb on the appliance.



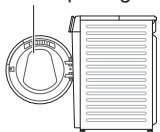
Do not touch when it is hot.



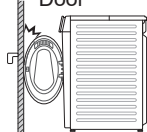
Install the appliance correctly.



Full opening



Door



- 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. 68.

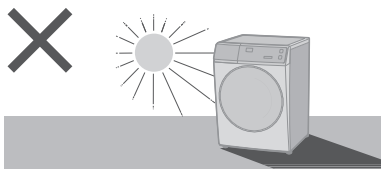
Safety Precautions (continued)



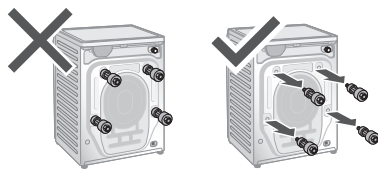
CAUTION

May cause failure

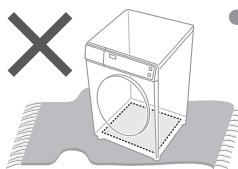
Keep away from heat and direct sunlight.



Remove anchor bolts before operation.

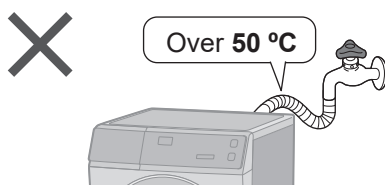


Do not obstruct.

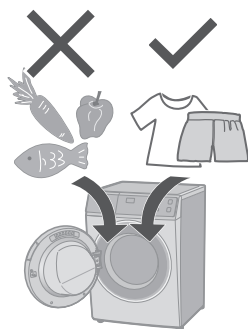


- Do not obstruct the openings of the bottom face with carpet, etc.

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.

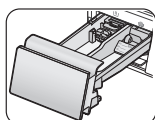


- Fabric softeners, or similar products, should be used as specified by the fabric softener instructions.

Checking Your Washing Machine

Part names

Detergent drawer (P. 12)



Control panel
(P. 10)

Do not block the
exhaust port.

Door

Drum

Hinge

Door seal

Adjustable feet
(P. 45)

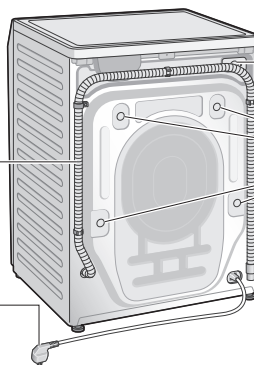
Drain filter cover
(P. 34)

Drain hose
(P. 46, 47)

Water inlet (P. 47)

Anchor bolts
(P. 45)

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



Accessories

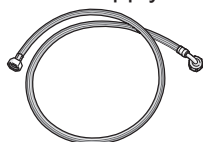
☐ Elbow (1) (P. 47)



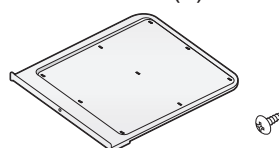
☐ Cover caps (4) (P. 45)



☐ Water supply hose (1) (P. 46, 47)



☐ Bottom cover (1) / Screw (1) (P. 44)

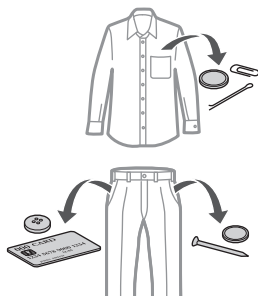


Before Washing

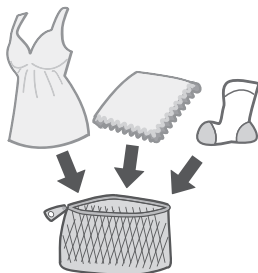
Preparing laundry

Before put clothes in drum

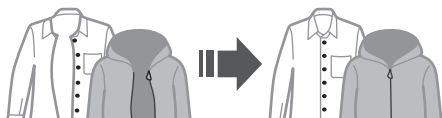
- Remove foreign objects.



- Use laundry nets for delicates and small items.



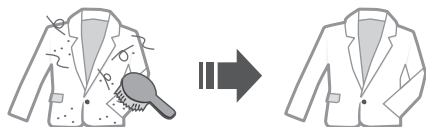
Pre-laundry check



Reverse



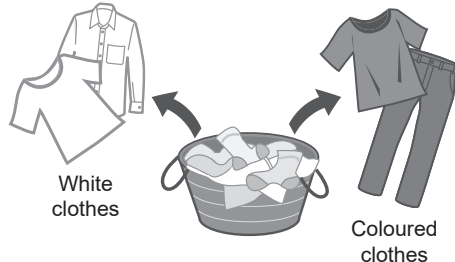
Clothes likely to pill



- Observe care labels.



- Wash separately.



- Pretreat for heavily stains.



NOTE

- "Stain Master+" programs (P. 17) are recommended for removing stains.

Cannot wash or dry

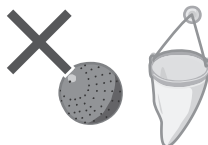
Cannot wash or dry



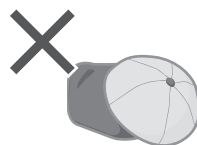
Leather / fur



Silk, rayon and cupro
(Blended fabric)



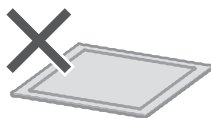
Commercially
available washing aids



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



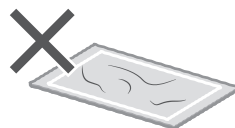
Any of the above
marks



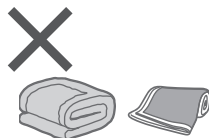
Woollen clothing



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

● Images in these instructions are of the NA-V10FR1, unless otherwise indicated.

Display

Water temperature

Spin speed

Remaining time

Error display (P. 41, 42, 54)

(e.g. U11)

ECONAVI lamp (P. 20)

Process

- Wash
- Rinse
- Spin
- Dry Assist

"My Favorite" program lamp (P. 49)

Add Wash lamp:
You can add clothes while lit. (P. 14)

Optional function lamp

(P. 24)

(P. 33)

(P. 25)

(P. 27)

(P. 52)

(P. 26)

Lock

The door is locked

The door and buttons are all locked (Child Lock) (P. 30)

■ NA-V10FC1/ NA-V90FC1

AutoTubCare

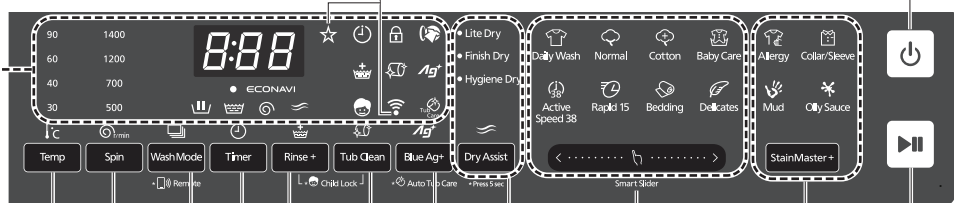
Auto Tub Care (P. 26)

Control buttons

■ NA-V10FR1/NA-V90FR1

NA-V10FR1 only

Power button



Program selection
slider (P. 16)

Stain Master+
(P. 17)

Start/Pause
button

Dry Assist Dry Assist (P. 28)

Blue Ag+ (P. 27) — Press & hold 5 sec:
Auto Tub Care (P. 26)

Tub Clean (P. 33) — Press & hold 5 sec at the
same time:
Child Lock (P. 30)

Rinse+ (P. 25)

Timer (P. 24)

Wash Mode (P. 23) — Press & hold 5 sec:
Remote (P. 52)
(NA-V10FR1 only)

Spin (P. 23)

Temp (P. 22)

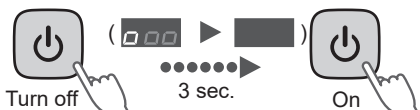
Touch operation

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

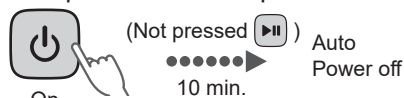


NOTE

- 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)

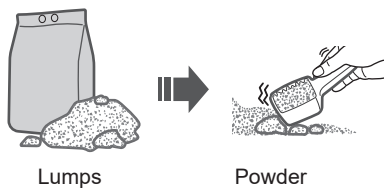
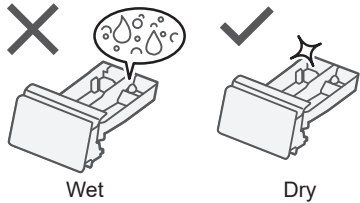
Detergent

● 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

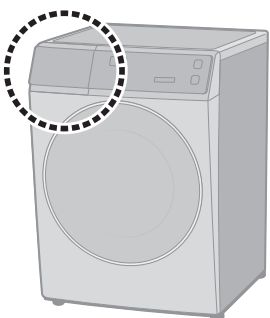
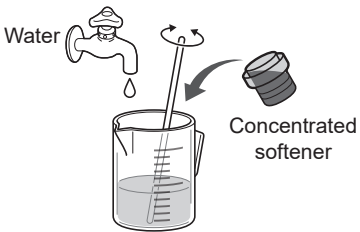
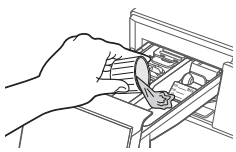
Liquid detergent



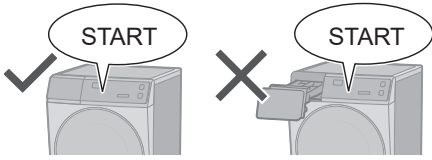
Bleach



Fabric softener

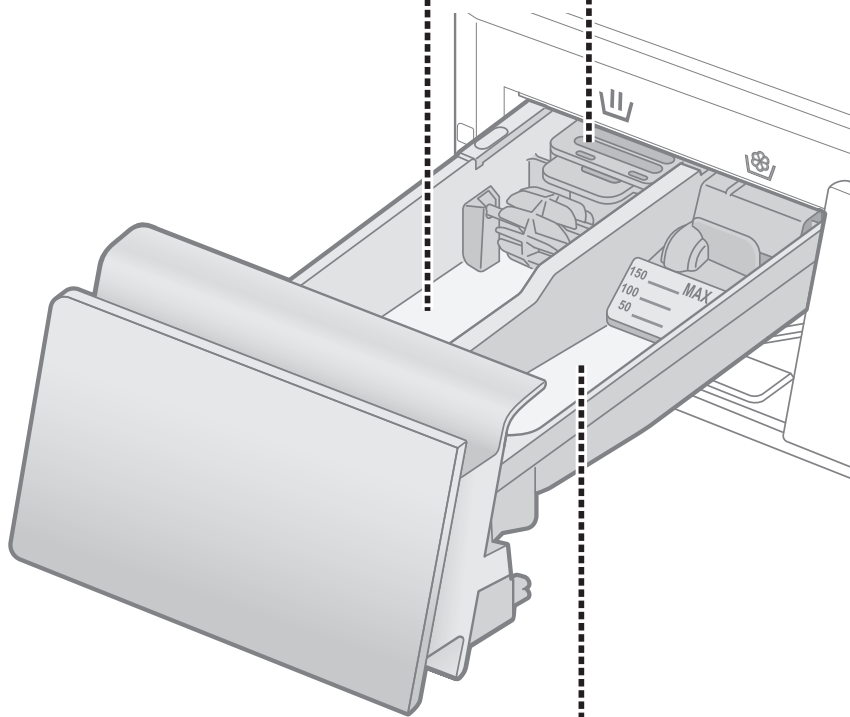


NOTE



Ag+ case (P. 27, 33)

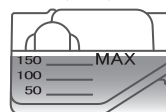
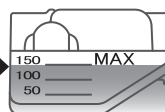
V10FR1 V90FR1



Fabric softener

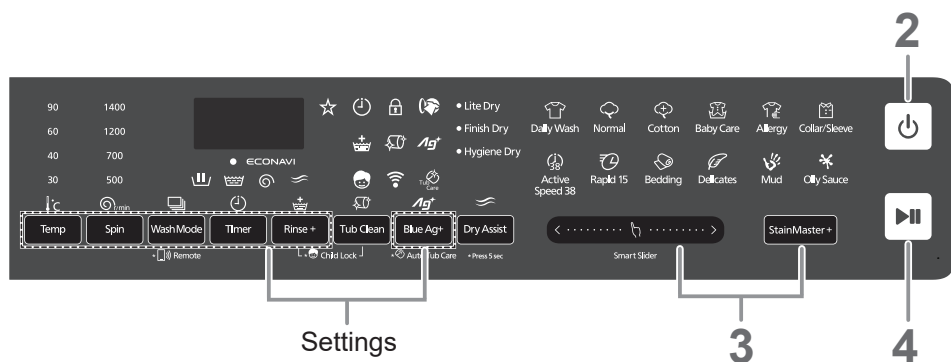


Max. 150 ml



Washing

Basic Method

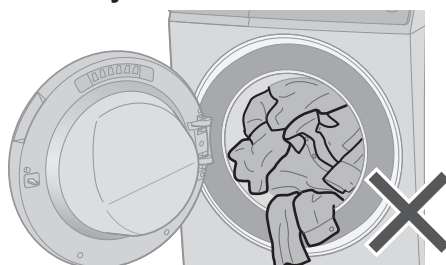


NOTE

■ Do not let laundry get caught in the door.



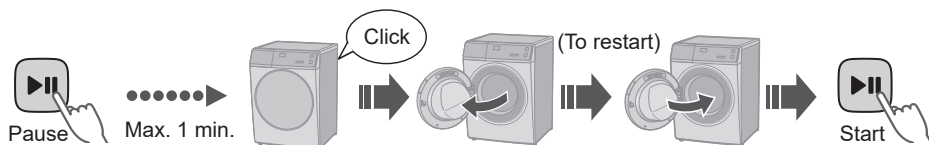
■ Do not overfill the drum with laundry.



■ To open the door during operation

● During washing

(You can add clothes when lit.)

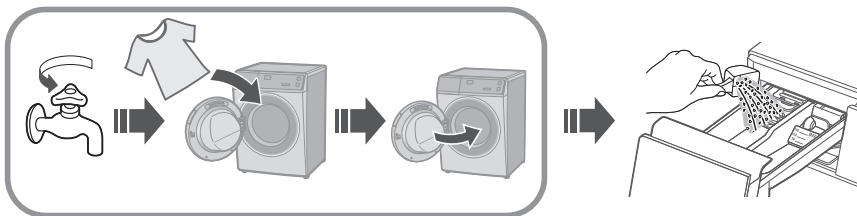


NOTE

● Door does not open ➡ (P. 36)



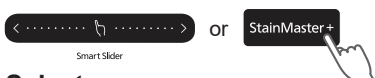
1



2



3



Select a program. (P. 16)

■ **Changing the settings.**

Settings

Temp	Spin	Wash Mode	Timer
Temp (P. 22)	Spin (P. 23)	Wash Mode (P. 23)	Timer (P. 24)
Rinse +	Auto Tub Care	Blue Ag+	
Rinse+ (P. 25)	Auto Tub Care V10FC1 V90FC1 (P. 26)	Blue Ag+; Auto Tub Care V10FR1 V90FR1 (P. 26, 27)	

4



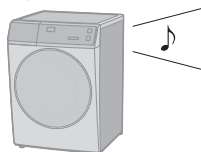
Measures the amount of laundry

(30 sec.)

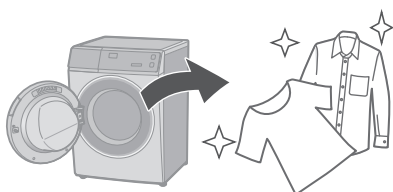


Displays the time required (recalculated)

(e.g.)



5



Program List

Program	Description	Max load (kg)		Total time
		V10FR1/ V10FC1	V90FR1/ V90FC1	
 Daily Wash	Everyday clothes (Quicker than "Normal" program) 	10.0	9.0	1:30
 Normal	Everyday clothes 	10.0	9.0	2:54
 Cotton	Gentle wash with extra time 	10.0	9.0	3:00
 Baby Care	- Clothes for babies & sensitive skin - Rinsing thoroughly 	5.0		2:20
 Active Speed 38	Small loads 	5.0		0:38
 Rapid 15	Small loads of lightly soiled 	2.0		0:15

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

Program	Description	Max load (kg)		Total time
		V10FR1/ V10FC1	V90FR1/ V90FC1	
 Bedding	Large items 	3.0		1:30
 Delicates	Washing gently 	2.0		0:50
StainMaster +		For the following stains		
 Allergy	For ticks and pollen 	10.0	9.0	3:15
 Collar/ Sleeve		10.0	9.0	3:10
 Mud		10.0	9.0	3:30
 Oily Sauce		10.0	9.0	3:00
 Tub Clean	Cleaning the drum. 	None		3:45

Details of Programs

Settings Program	Auto setting		
	Temp (°C)	Spin (r/min)	
 Daily Wash	40	1200	
 Normal	40	1200	
 Cotton	60	1400	
 Baby Care	40	1400	
 Active Speed 38	40	1200	
 Rapid 15	Cold	1200	
 Bedding	Cold	700	
 Delicates	30	500	
 Allergy	90	1200	
 Collar/Sleeve	40	1200	
 Mud	40	1200	
 Oily Sauce	40	1200	
 Tub Clean	40	1200	

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 and/or MS 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				
Temp (°C)	Spin (r/min)	Wash Mode	Timer	Rinse+	Blue Ag+	Auto Tub Care
Cold, 30, 40, 60	 , 500, 700, 1200, 1400	✓	✓	✓	✓	✓
Cold, 30, 40, 60	 , 500, 700, 1200, 1400	✓	✓	✓	✓	✓
Cold, 30, 40, 60	 , 500, 700, 1200, 1400	✓	✓	✓	✓	✓
Cold, 30, 40, 60	 , 500, 700, 1200, 1400	✓	✓	✓	✓	✓
Cold, 30, 40	 , 500, 700, 1200, 1400	✓	✓	—	✓	✓
Cold	 , 500, 700, 1200	—	✓	—	—	—
Cold, 30	 , 500, 700	✓	✓	✓	✓	—
Cold, 30, 40	 , 500	✓	—	✓	✓	—
60, 90	 , 500, 700, 1200	—	✓	✓	—	✓
40	 , 500, 700, 1200, 1400	✓	✓	✓	✓	✓
40	 , 500, 700, 1200, 1400	✓	✓	✓	✓	✓
40	 , 500, 700, 1200, 1400	✓	✓	✓	✓	✓
40	1200	—	—	—	—	—

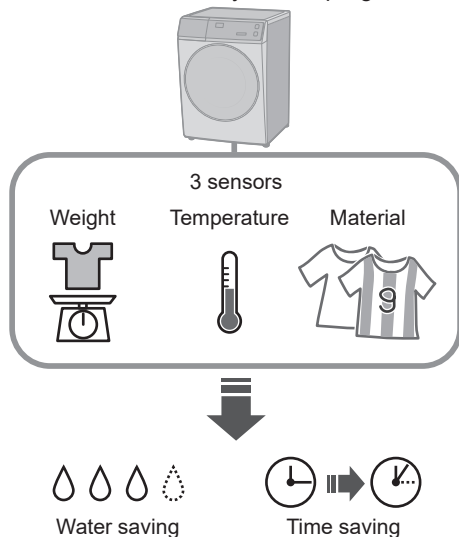
 : Drain only (No spin)

Blue Ag+:
V10FR1 /
V90FR1

Washing Tips

ECONAVI

- “Normal” and “Daily Wash” programs



■ Lamp indications



Detecting



ECONAVI enabled



ECONAVI disabled

Delicates

■ When washing

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

NOTE



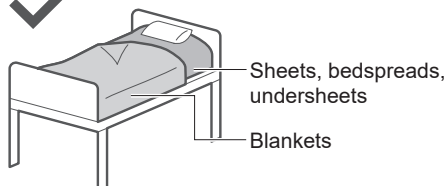
■ After operation ends



Bedding

■ Washable items

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



■ Not washable items



Electric blankets



Wool



Silk

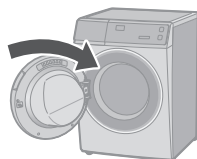


Long pile

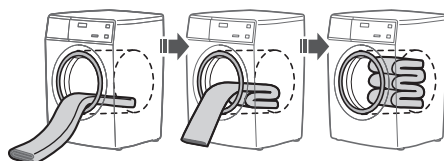
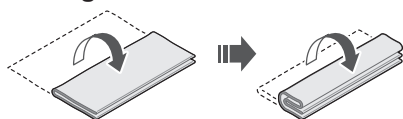


Fake fur

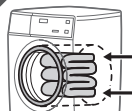
NOTE



■ Putting blankets into the drum



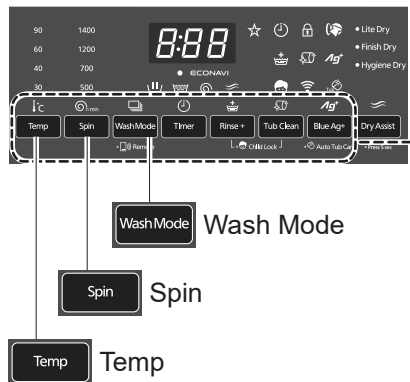
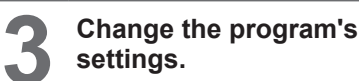
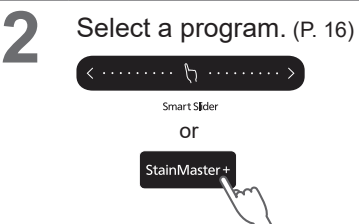
NOTE



Changing Program Settings

■ Preparing

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



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



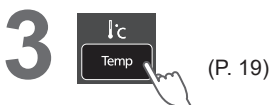
!c Temp

Change the washing temperature.



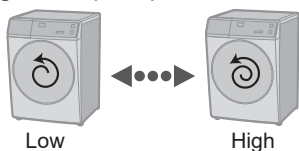
■ Setting guide

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



r/min Spin

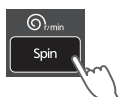
Change the spin speed.



■ Setting guide

 Low	 High
● To reduce wrinkling 	● To dry more thoroughly 

3



(P. 19)

■ To change the setting while washing



Wash Mode

Select a combination of wash, rinse and spin.



3



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

*1 Water is drained after wash process.

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

Changing Program Settings (continued)

■ Preparing

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



2 Select a program. (P. 16)



Smart Slider

or



3 Change the program's settings.



Timer



Rinse+

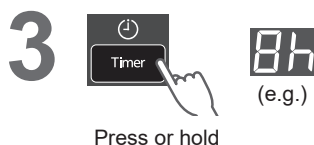
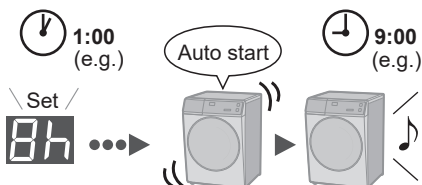


- Available options and setting ranges are different depending on the program. (P. 18)
- An alarm sounds if you select an option that is unavailable.

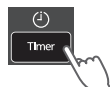


⌚ Timer

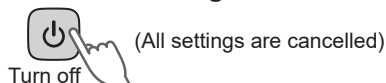
Set how many hours later to finish operation. (Up to 24 hours)



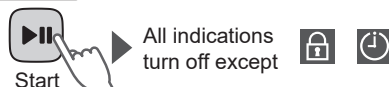
■ To check a preset time



■ To cancel settings



NOTE



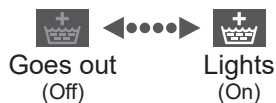
- Not available: P. 19

Rinse+

Add an extra rinse.



3



■ To change the setting while washing



1



2



3



Changing Program Settings (continued)

■ Preparing

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



2 Select a program. (P. 16)



Smart Slider

or



3 Change the program's settings.



Blue Ag+
Auto Tub Care



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



Auto Tub Care

Add tub cleaning process.



3

V10FR1 V90FR1



**Hold
5 sec.**

V10FC1 V90FC1



 
Goes out (Off) Lights (On)

NOTE

- The setting is memorized.

Ag⁺ Blue Ag⁺

V10FR1 V90FR1

Bacteria elimination function (Max. 3.0 kg).



3



■ Service life for Ag⁺ case

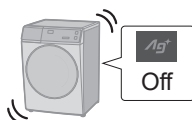
- “Blue Ag⁺” works for about 300 to 350 times (for about 7 years if used once a week).
- Replace the case when the contents are decreased.



- Replace
⇒ (P. 33)



- Wash without “Ag⁺”



NOTE

- Do not use the water for other purposes.



Drinking



Cooking



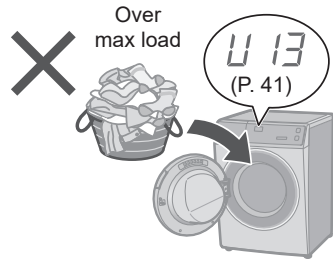
- The kind of clothes, detergent, softener, and water hardness may affect the result.
- Stop use if itchy, etc.



Dry Assist (Dry only)

This function cannot be set with other washing programs at the same time.

- 1  On
- 2  Dry Assist
- 3  Start



Dry Assist	Indicator (min)	Description	Max load (kg)
• Lite Dry	120	After spin at 1400 r/min  e.g.) 5 shirts	1.0
	180		
• Finish Dry	30	Additional drying of clothes that are not dry enough 	2.0
	120	After hang-dry  ↓  e.g.) 1 long pants, 1 shorts, 1 T-shirt, 1 underwear, 1 towel	
	180		
• Hygiene Dry	120	After spin at 1400 r/min Bacteria Elimination  	0.5
	180		
		e.g.) 1 shirt, 2 children's trousers, 1 pair of socks	

NOTE

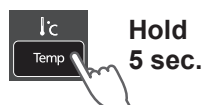
- The door is locked during drying.



- To open the door



Pause



Start cooling
9 to 24 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:



Turn off

or



Pause

Symptoms

- Drying is insufficient
- Drying is uneven



Tips for nice finish

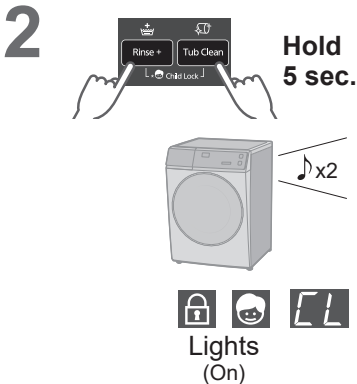
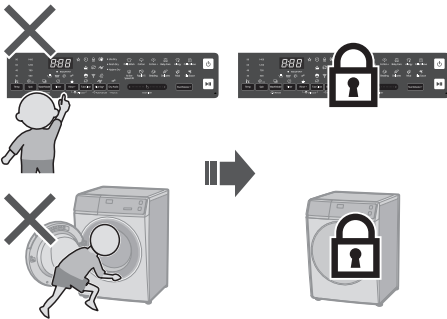
- Reduce clothing amount.



- Classify clothing. (P. 28)
- Adjust drying time to get your expected drying performance.
- Use "Finish Dry" 30 min for additional drying.

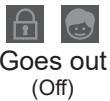
Changing Appliance Settings

Setting the Child Lock

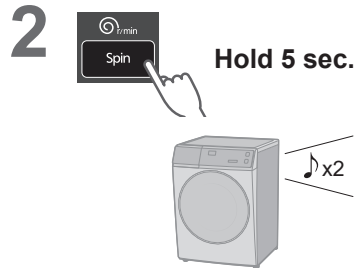


■ To cancel:

Same procedure x4



Cancelling the buzzer



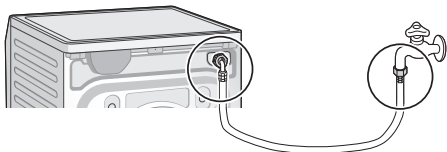
■ To reset:

Same procedure x4

Maintenance

Water supply filter

If water does not flow smoothly



1



Empty

2



On

3



Select Daily Wash

4



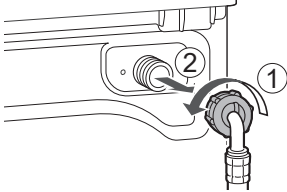
Start 1 min. Turn off

5

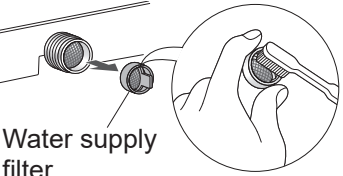


Remove and clean the filter

6

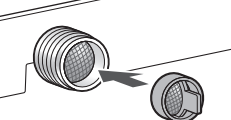


7

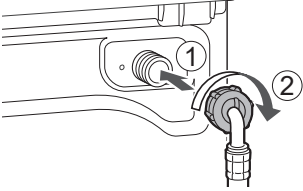


Water supply filter

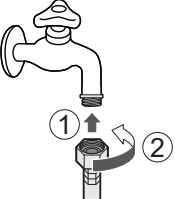
8



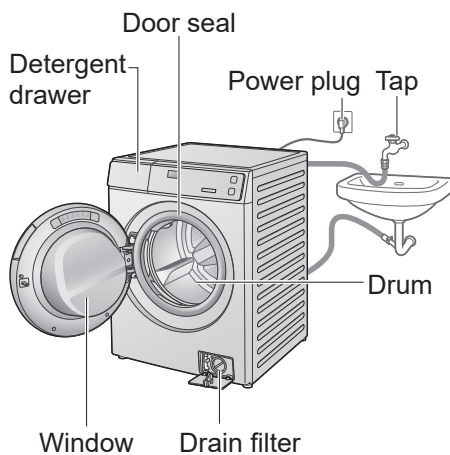
9



10



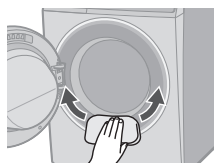
Maintenance (continued)



Appliance



Door seal



For heavy soil

Mild kitchen detergent

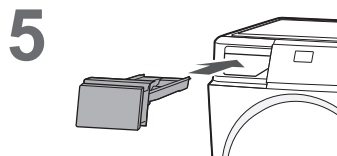
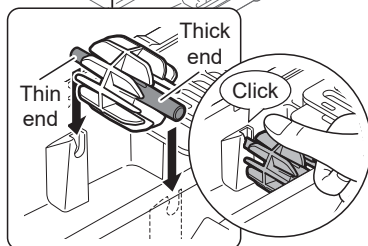
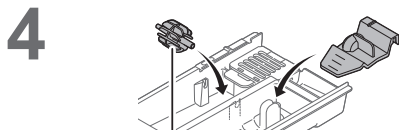
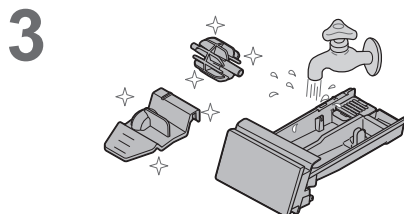
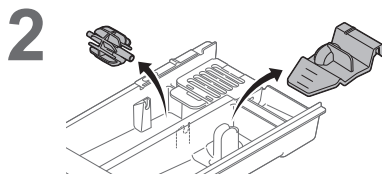
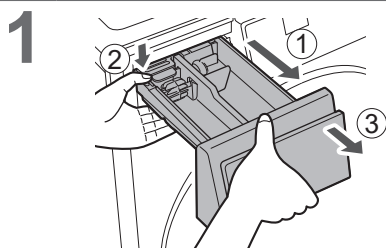


NOTE



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

Detergent drawer

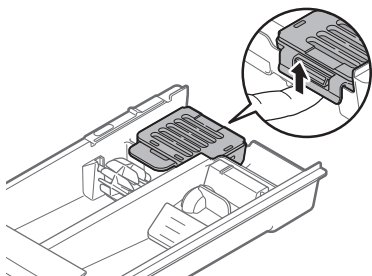


If the contents are decreased

■ Change Ag+ case

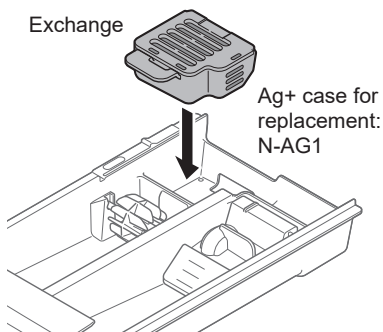
V10FR1 | V90FR1

1



2

Exchange



Ag+ case for replacement:
N-AG1

NOTE

- You cannot open Ag+ case.

Drum

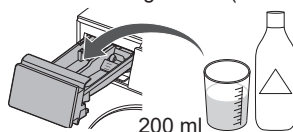
Once a month or if  flashes
<Tub Clean>

1



2

Whitening bleach (chlorine bleach)



3



No clothing



On

4



5



Start

Approx.
3:45



NOTE

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

Maintenance (continued)

Drain filter

Once a month

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



CAUTION



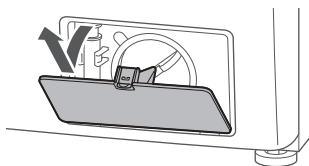
Hot water
(possibly scalding water)

1

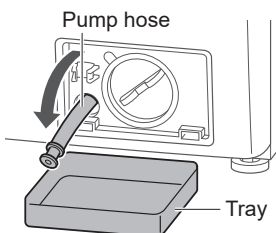


Turn off

2



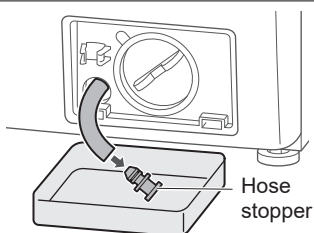
3



Pump hose

Tray

4

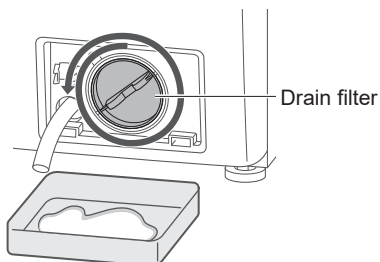


Hose stopper

5

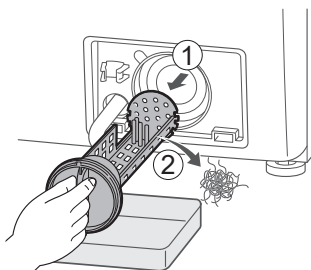


6



Drain filter

7



8

Replace

1



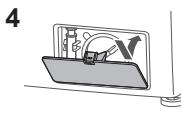
2 Until it is in place



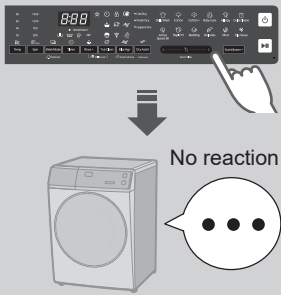
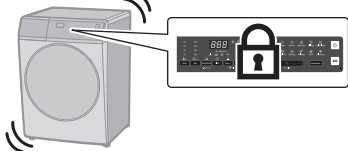
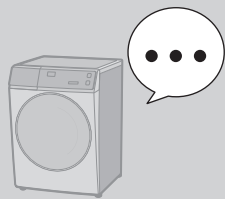
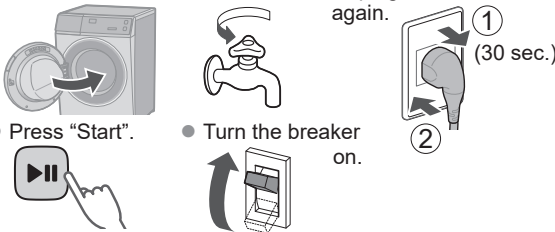
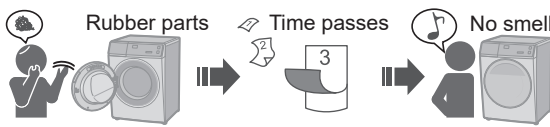
3



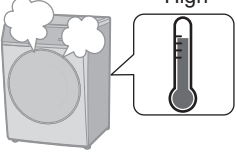
4

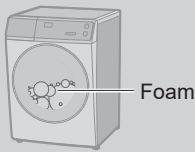
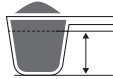


Troubleshooting

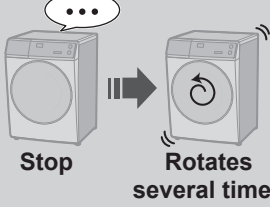
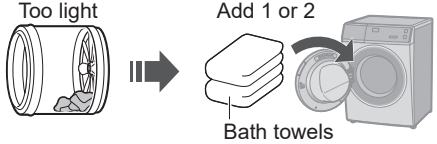
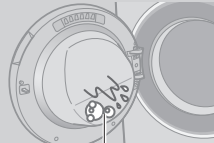
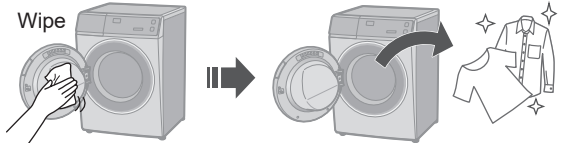
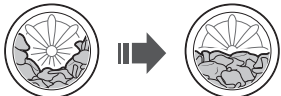
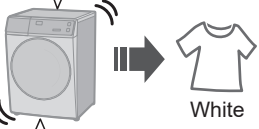
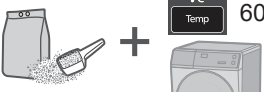
	Symptoms	Points to be checked
Main unit	Touch the buttons  No reaction	□ Possible cause ● During an operation  □ Try ● Child Lock (P. 30) 
	No operation 	□ Check ● Power cut ● Timer  □ Try ● Close the door. ● Turn on. ● Unplug and insert again. ● Press "Start". ● Turn the breaker on.  ① (30 sec.) ②
	Odour of rubber 	□ Possible cause  □ Try Tub Clean (P. 33) 

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: • washing (P. 14) • drying (P. 29) □ Check ● Temperature  High ● Water level  High □ Try ● Child Lock (P. 30)  ● During an operation 1  Turn off 2  On 3  Wash Mode (P. 23)  Spin 4 Open  NOTE  Door is locked  Power cut  Restored  Door is locked 

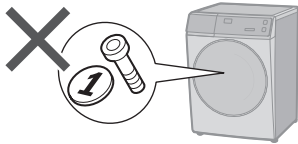
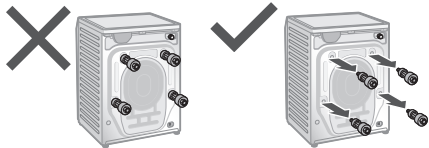
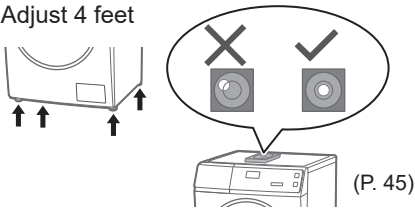
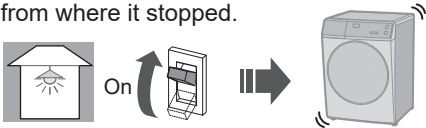
	Symptoms	Points to be checked
Detergent and foam	After washing 	☐ Check  (P. 12)
		☐ Possible cause • The amount of foam varies. • Temperature • Water level • Water softness 
	Not enough 	☐ Check • Powder detergent  (P. 12) • Too little detergent • Low foam detergent • Heavily soiled • Load too large 
	Too much 	☐ Check • Too much detergent 
Wash	During a wash  Water drainage	☐ Possible cause Excess foam  Foam ⇒ Foam detection function  Auto drainage ⇒ Auto water supply 

Troubleshooting (continued)

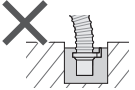
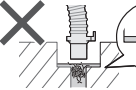
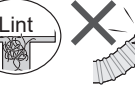
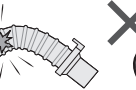
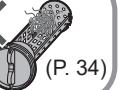
	Symptoms	Points to be checked
Rinse/Spin	During the spin process  Stop → Rotates several times	☐ Possible cause Unevenness  ☐ Try Too light  Bath towels
	After washing  Foam or water	☐ Try  Wipe
Laundry	Spin changes to rinse  Spin → Rinse	☐ Possible cause ● If clothes are uneven, this appliances automatically corrects unevenness using the rinse process. 
	If the laundry yellows  Yellow	☐ Try V10FR1 V90FR1 Ag+ Off  White  Temp 60 °C

	Symptoms	Points to be checked
Time	During a wash Displayed time  Changes	☐ Possible cause ● Remaining time is corrected during operation.  Approximate → Corrected ● If the settings changed  ● If clothes are uneven  ➡ The remaining time may increase.
	During water drainage 	☐ Possible cause ● This is normal. The drain pump is working.
	During spin process 	☐ Possible cause ● This is normal. Anti-foam leak part is working at the exhaust port.
	Sound of fan rotating 	☐ Possible cause ● This is normal. The drain pump is working.
Noise	Motor emits a sound 	☐ Possible cause ● This is normal. The motor will make a short sound when the drum engages.

Troubleshooting (continued)

	Symptoms	Points to be checked
Noise	Unusual noise (or vibration)	☐ Check ● Metal items  ● Anchor bolts (P. 45)  ● Slope or an unstable surface  ● Adjust 4 feet  (P. 45)
Others	Power cut  Breaker Off 	☐ Check ● When the power recovers, operation resumes from where it stopped. 

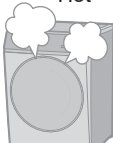
Error Display

Error Display	Points to be checked		
U 11 Unable to drain	1 Check 	2 	3  Start
     (P. 34)			
U 12 Door is open	1 	2  Start	
U 13 Unable to spin / dry	1 Check	2 	3  Start
Uneven Even Unstable or inclined Stable Too much Reduce Too little Add         <Dry Assist> Too wet Spin (1400 r/min)  			
U 14 Unable to supply water	1 Check	2 	3  Start
Water outage Turned off Water supply filter (P. 31)   			

Error Display (continued)

Error Display	Points to be checked	
 Unable to spin	1 Restart  →  Turn off On	2 Run "Rapid 15" 
		• Next time:  /  Low foam detergent

■ Information

 Unable to open	Hot 	During drying (P. 29) 	Hold 5 sec.	Start cooling ●●●●●▶ 9 to 24 min.	
--	---	--	--------------------	--	--

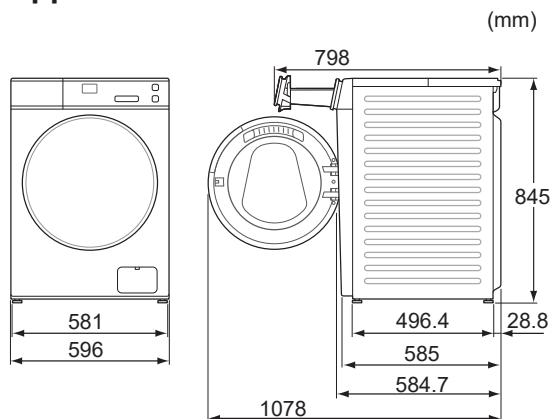
Choosing the Right Location



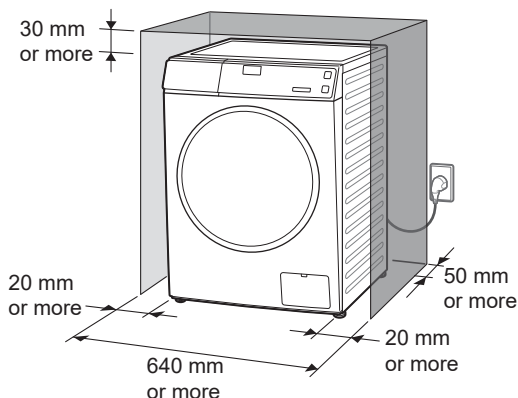
Make sure to ask a service person for installation.

- 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

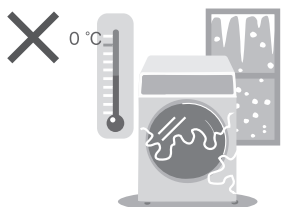
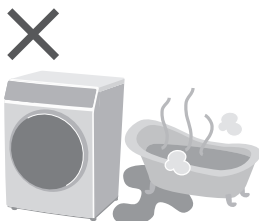
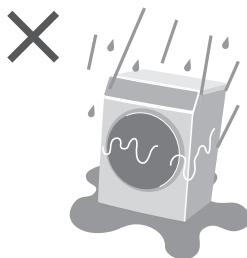


■ Set-in installation



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

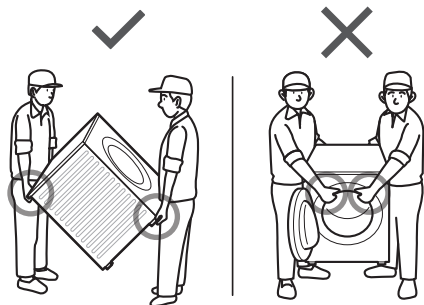
Check the location.



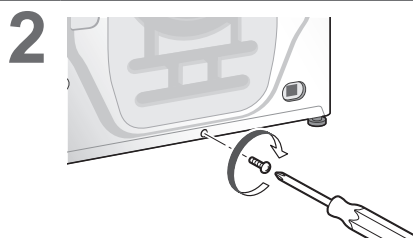
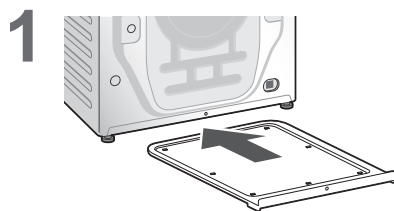
Moving and Installing

Carrying the appliance

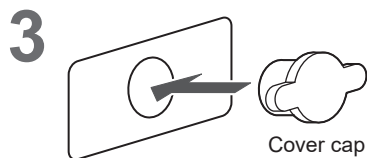
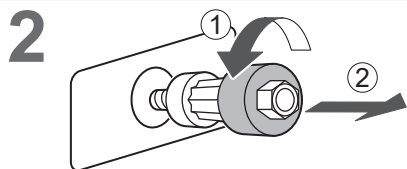
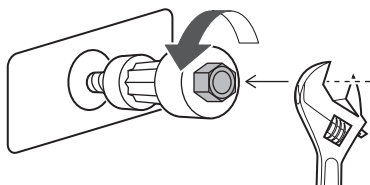
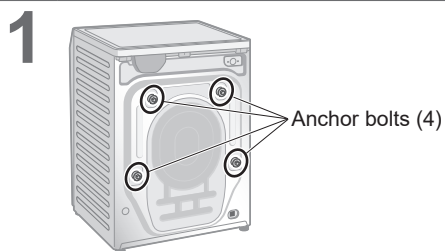
Do not do it alone.



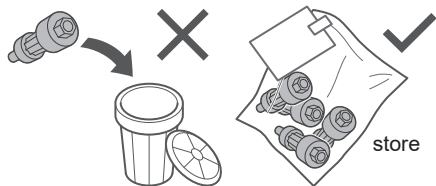
Installation of bottom cover



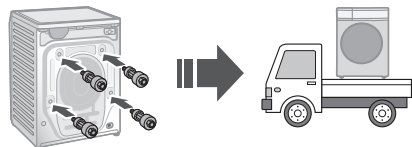
Removing the anchor bolts



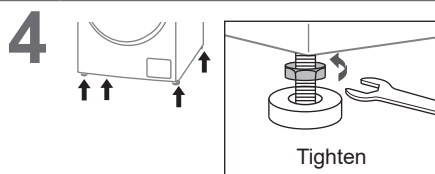
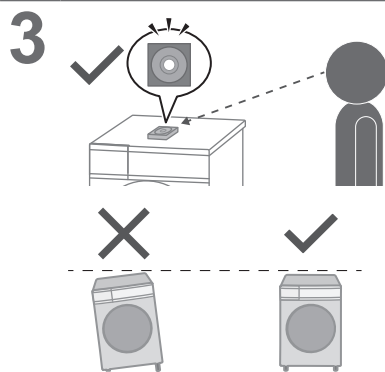
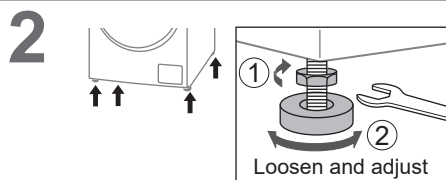
NOTE



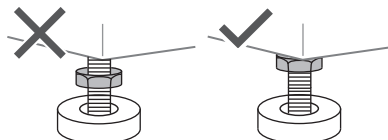
■ Moving the appliance again



Levelling the appliance



NOTE



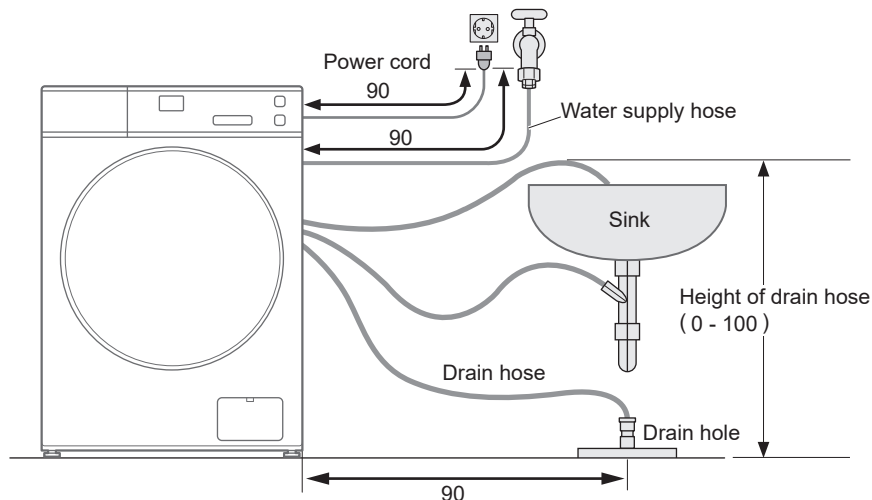
Connecting the Hoses

Connect the hoses properly to prevent water leaks.

Maximum connection distances for hoses and the power cord

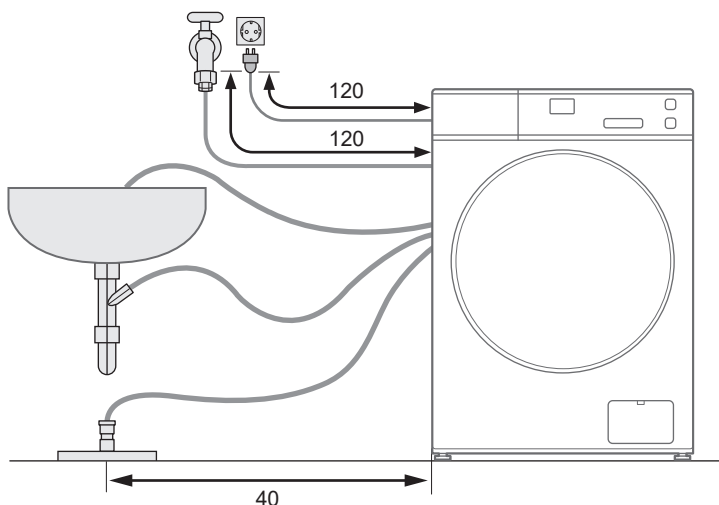
Right side connection

(cm)



Left side connection

(cm)



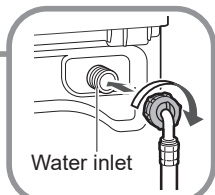
Water supply hose

■ Connecting the water supply hose

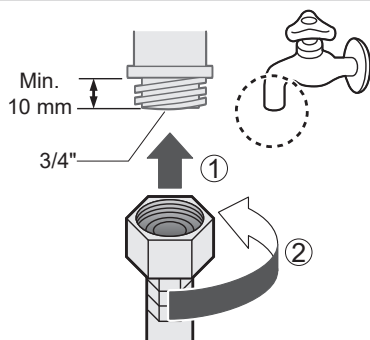
⚠ CAUTION

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

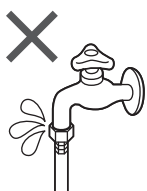
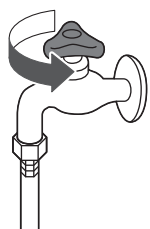
1



2



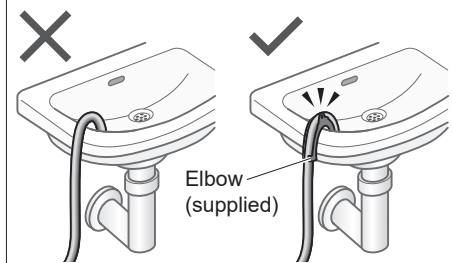
3



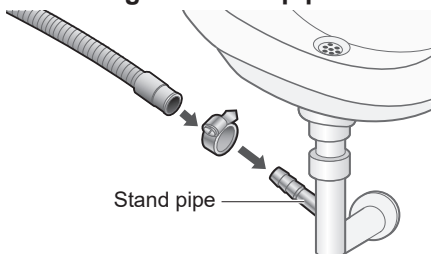
Drain hose

■ Draining to a sink or wash basin

NOTICE



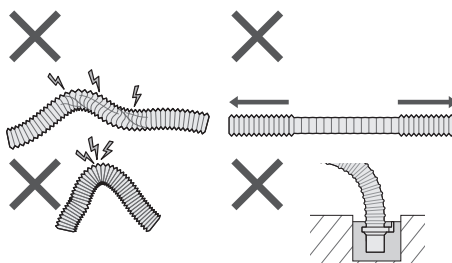
■ Draining to a stand pipe



■ Draining to a drain hole



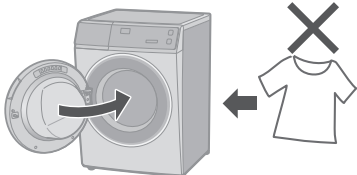
NOTE



1



2



3



On

4



Smart Slider

Rapid 15

5



Start

Checking after test run

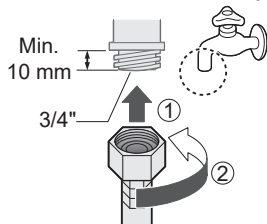
Problem

Causes and Measures

Water leaks



Connect the water supply hose properly

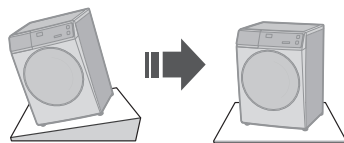


Abnormal
sounds

- Remove the anchor bolts (P. 45)



- Install stably



Error display

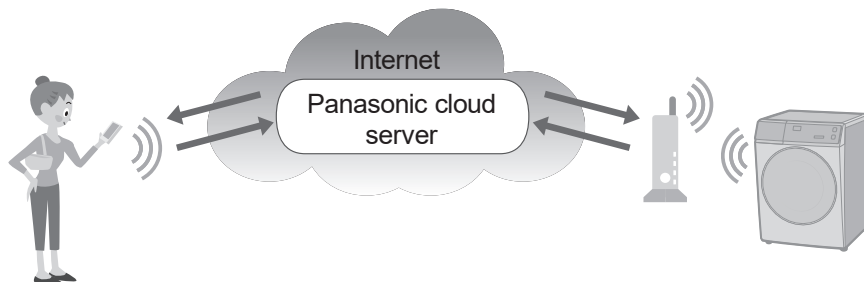


See P. 41.

Panasonic SmartApp+ V10FR1

More convenient with your smartphone

You can use the service using the “Panasonic SmartApp+”.

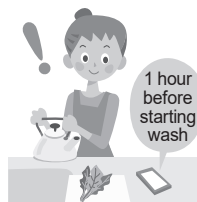
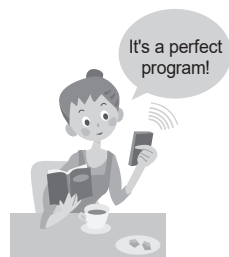


You can operate the washing machine or set the timer with application.

Support program selection from program history.

**We have “My Favorite” program.
You can create original programs
with your favorite settings.**

- Up to 10 programs.



Notification of washing status and end of operation.

Clothes can be taken out immediately after washing.

- The contents, functions and designs of this service are subject to change or termination without prior notice.

Panasonic SmartApp+ (continued)

Required Equipment and Environment

Let's check the equipment required to use the app.

- Android or iOS (iPhone) smartphone

- About supported OS

<https://www.panasonic.com/fiot/wash/>



Panasonic Website



- Wireless LAN router
Use a wireless LAN router to connect to the internet.



- Internet environment

Please confirm that it is a broadband line.

Example) FTTH (optical fiber), ADSL, CATV (cable television), etc.

Internet communication charges will be borne by the customer.



NOTE

- Make sure that the wireless LAN router has a communication standard of 2.4 GHz band. (Communication standards: IEEE802.11b, IEEE802.11g, IEEE802.11n) Other than the above cannot be used.
- Models that only support WEP cannot be used.
- As a security measure, be sure to use a wireless LAN router that can set the encryption method WPA3, WPA2, or WPA.
- We recommend WPA3 and WPA2 (AES) as the encryption method.
- We do not guarantee the operation of all wireless LAN routers. (Mobile router is not guaranteed to work.)

Initial Settings



Follow the settings on the screen of the app.

1 Install the “Panasonic SmartApp+” (free)

- You can find the link to download the application from “Panasonic Website”.
<https://www.panasonic.com/fiot/wash/>



Panasonic Website

- Alternatively, you can search for the “Panasonic SmartApp+” app on Google Play (Android) or App Store (iOS) and install the app.
- You can also scan the link to install the app from the QR code pasted on the washing machine.

2 Follow instructions displayed on the screen of the app and register the washing machine.

- Operate in a position where you can check the display on the washing machine.
- It cannot be operated while the washing machine is running.



Use the app (P. 52)

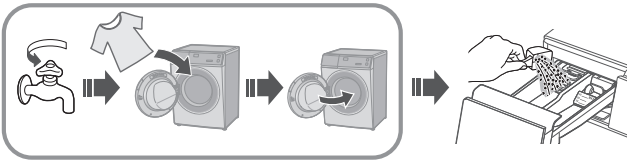
Panasonic SmartApp+ (continued)

Using the “Panasonic SmartApp+”

After initial setting is completed, you can use the app.

Preparing to use the “Remote” function

You need to prepare the washing machine before going out.

- 1**


NOTE
 ● Close the door completely.
- 2**

On

Lights (On)
- 3**

Hold 5 sec.

Approx. 2 sec.

After 10 min.


All other indications turn off, except:




NOTE

- To cancel the remote control mode and unlock the door → turn the power off.
- When there is no remote control from the app, the remote control mode is released after 23 hours. During remote control mode, all buttons on the appliance (except ) are disabled. You can only control the washing machine from the app. After 23 hours, the normal screen is displayed and the remote control is disable.

To check the communication status with the lamp on control panel.

■ Lamp position

- | | | |
|---|-----------------|--|
|  | Light up | Communicatable (Connected) |
|  | Blinking | Trying to communicate (Connecting to server) |
|  | Off | Not connected |



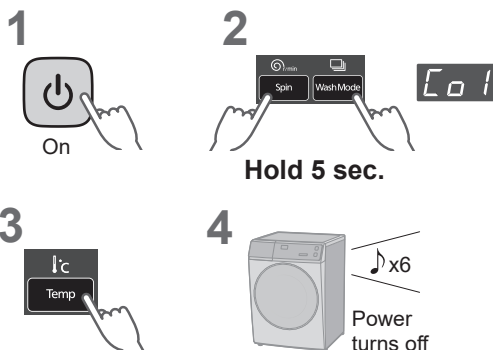
Initializing

- When you stop using the "Panasonic SmartApp+"
- Suspected use due to unauthorized access
- If the appliance is a pre-owned machine
- When you dispose of or transfer the washing machine

Reset the wireless LAN settings to the default settings.

(Operate on the washing machine)

You should also stop using the service of the app.



Panasonic SmartApp+ (continued)

Error Display

Error display	Causes & Measures
U81	- Failed to connect the washing machine and the wireless LAN router. Check the following. - The router is not turned on. → Turn on the power. - The distance between the router and the washing machine is too long. → Bring the router closer. - There is a device that uses radio waves, such as a microwave oven, nearby. → Keep a distance. → Stop using the device or wait a while and try again. - Multiple devices are connected to the router. → Turn off the power of the device you are not using.
U82	- Communication error with the server. - There may be a problem with your internet connection. → If you do not know the cause, contact your provider, carrier, or router manufacturer.
U83	- In “Backup connection”, SSID or password of the router is incorrect. → Check the description of the router. - Failed to connect the washing machine and the router. → Check the above “U81”.
U84	“Scan connection” failed. Check the following. - The Bluetooth® setting on your smartphone is turned off. - The QR code cannot be read correctly. → Make sure that the Bluetooth® setting is ON, and then connect again. If you still cannot connect, please try “Backup connection”.
The app displayed the word like “Cannot communicate with the washing machine.”	Communicate again after a while, or check the connection status by the following method. 1  Turn off 2  On 3  Hold 5 sec. 4  Timer → If “U81”, “U82”, etc. are displayed, it is a connection error. Check the above.

Usage for wireless LAN/Bluetooth®

■ Usage restrictions

Please note that there are the following restrictions on use. Panasonic is not liable for any incidental damages resulting from the failure to comply with the restrictions and the use or inability to use the machine.

- Do not connect to a wireless network that you do not have permission to use. A wireless network (SSID*) that you do not have permission to use during automatic search of the wireless network environment may be displayed, but if you connect, it may be considered as unauthorized access.
- Do not use in a place where magnetic field, static electricity, or radio interference is generated. If you use it near the following devices, communication may be interrupted or the speed may slow down.
 - Microwave oven
 - Other wireless LAN / Bluetooth® devices
 - Other devices that use radio waves in the 2.4 GHz band (digital cordless phones, wireless audio devices, game consoles, PC peripherals, etc.)
 - Metal objects that easily reflect radio waves

* A name used to identify a specific network on a wireless LAN. If this SSID matches on both devices, communication is possible.

■ Security measures

- Since the wireless LAN uses radio waves to send and receive data, there is a risk of unauthorized access. Take security measures to ensure the safety of your data. (P. 50) Please note that we are not responsible for any problems that occur without taking security measures.
- For the password (encryption key) of the wireless LAN router, refer to the instruction manual of the wireless LAN router and set it in consideration of security.

■ About firmware

- This machine has a function to connect to our firmware update server via the Internet and automatically update its own firmware to the latest version. Since wireless communication is temporarily interrupted during the update, communication may be interrupted or the speed may slow down.
- Do not analyze or modify the firmware.

Panasonic SmartApp+ (continued)

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Mbed TLS

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iconv (Charset Conversion Library) v2.0

(28) Artem Bityuckiy (--enable-newlib-iconv)

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(30) - Alex Tatmanjants (targets using libc/posix)

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<alex@elvisti.kiev.ua>
at Electronni Visti IA, Kiev, Ukraine.
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Panasonic SmartApp+ (continued)

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easy-ecc

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Specifications

		NA-V10FR1 NA-V10FC1	NA-V90FR1 NA-V90FC1
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	300 - 350	
Maximum spin speed (r/min)		1400	
Product dimensions (W x D x H) (mm)		596 × 585 × 845	
Product weight (kg)		69	
Maximum mass of dry cloth (Wash) (kg)		10.0	9.0
Maximum mass of dry cloth (Dry) (kg)		2.0	
Pressure of tap water (MPa)		0.01 - 1	

Arahan Pengendalian & Pemasangan

Mesin Basuh (Penggunaan Rumah)

No. Model **NA-V10FR1 NA-V90FR1**
NA-V10FC1 NA-V90FC1



Penting untuk membaca arahan ini.

MY

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.

Kandungan Mesin basuh ini mempunyai "Dry Assist (Bantuan Kering)" fungsi. (Hlm. 28).

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AWW9901CAZC0-0C0

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. 30)



Buka



Tekan
5 saat.

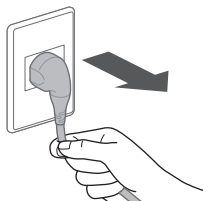


Boleh menyebabkan api atau kejutan elektrik

Jangan sentuh dengan tangan yang basah.



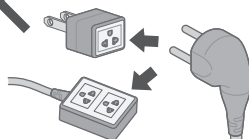
Jangan pegang atau tarik kabel.



Jangan guna.

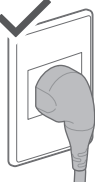


Penyesuai palam



Perentas pemanjangan

Masukkan sepenuhnya.



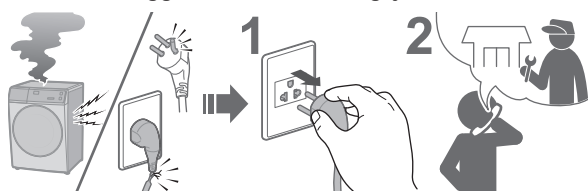
Jangan guna.



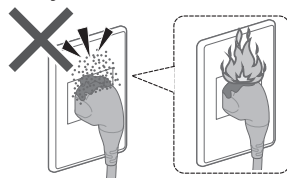
Rosak

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

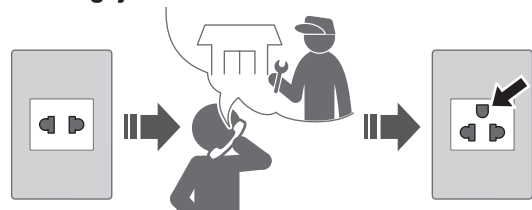
Jika kegagalan dan rusak pada kabel kord kuasa, berhenti menggunakan dan hubungi juruteknik elektrik.



Habuk yang terkumpul boleh menyebabkan kebakaran.



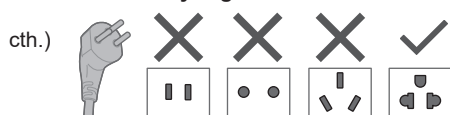
Masukkan palam dengan kemas. Hubungi juruteknik elektrik untuk soket baharu.



Lap palam kuasa secara berkala.

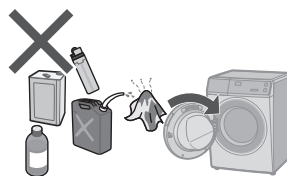


Gunakan soket yang bersesuaian untuk peralatan ini.



- 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.



Apabila menggunakan aplikasi “Panasonic SmartApp+”

(Punca kerosakan akibat gelombang radio dari perkakas) **V10FR1**

- Jauhkan sekurang-kurangnya 15 cm dari bahagian pelekap perentak jantung.
- Jauhkan daripada peralatan perubatan dan peralatan kawalan automatik (pintu automatik, penggera kebakaran, dsb.).

Langkah Berjaga-jaga Keselamatan (sambungan)

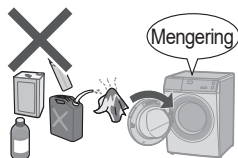


AMARAN

Boleh menyebabkan kebakaran

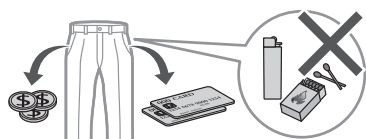
(Untuk penggunaan pengering dengan selamat)

Jangan keringkan pakaian yang dikotori bahan mudah terbakar.



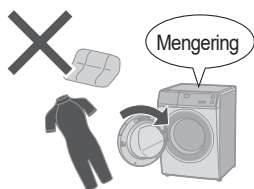
- Pakaian yang kotor kerana bahan-bahan seperti minyak masak, aseton, alkohol, petrol, minyak tanah, penghilang noda, turpentin, lilin, penghilang lilin dan minyak kosmetik tidak boleh dikeringkan di dalam mesin walaupun selepas dibasuh.

Kosongkan semua poket.



- Pastikan tiada objek yang tersisa di dalam poket. Beri perhatian khusus kepada pemetik 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.



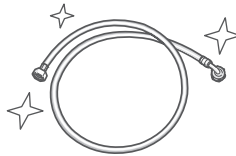
AWAS

Boleh menyebabkan kebocoran air

Tutup pili air.



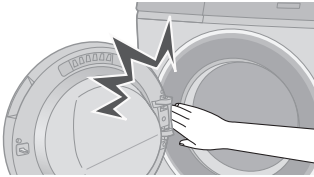
Gunakan set hos baharu.



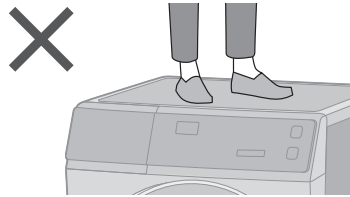
- Anda hendaklah menggunakan set hos baru yang dibekalkan dengan mesin basuh ini dan jangan gunakan semula set hos yang lama.

Boleh menyebabkan kecederaan

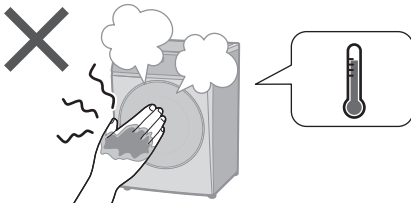
Berhati-hati agar jari anda tidak terperangkap.



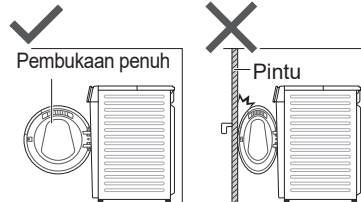
Jangan panjat ke atas mesin basuh ini.



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.

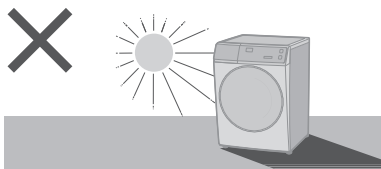
Langkah Berjaga-jaga Keselamatan (sambungan)



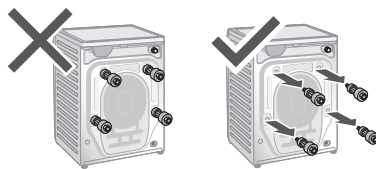
AWAS

Boleh menyebabkan kegagalan

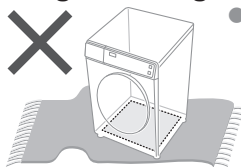
Jauhi daripada haba dan sinaran matahari secara langsung.



Keluarkan bolt penambat sebelum operasi.

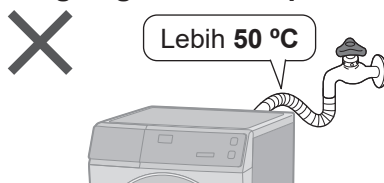


Jangan halang.

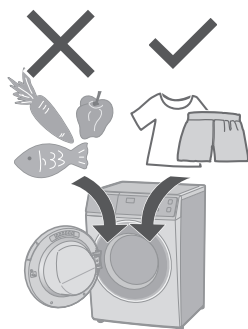


- Jangan halang bukaan muka bawah dengan karpet, dll.

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.

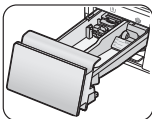


- Pelembut kain atau produk sejenis harus digunakan sesuai ketentuan dalam arahan pelembut kain.

Memeriksa Mesin Basuh Anda

Nama alat

Laci detergen (Hlm. 12)



Panel kawalan
(Hlm. 10)

Jangan sekat
port ekzos

Pintu

Dram

Engsel

Penutup pintu

Kaki boleh laras
(Hlm. 45)

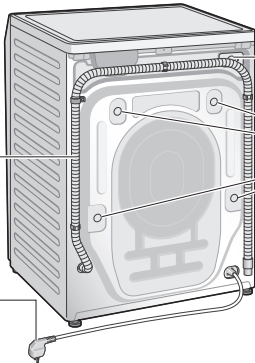
Penutup penapis
saliran (Hlm. 34)

Hos saliran
(Hlm. 46, 47)

Saluran masuk air
(Hlm. 47)

Bolt penambat
(Hlm. 45)

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



Aksesori

☐ Siku (1) (Hlm. 47)



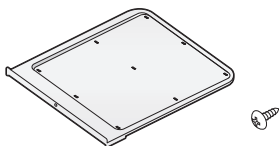
☐ Tudung penutup (4) (Hlm. 45)



☐ Hos bekalan air (1) (Hlm. 46, 47)



☐ Penutup bawah (1) / Skru (1) (Hlm. 44)

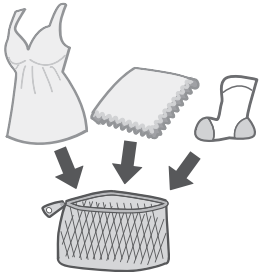
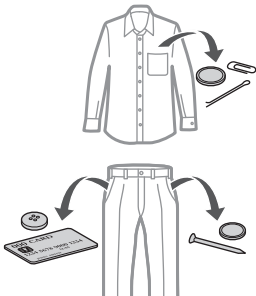


Sebelum Mencuci

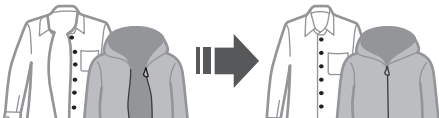
Menyediakan pakaian

Sebelum memasukkan pakaian dalam dram

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



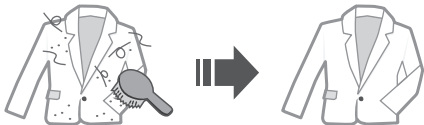
Pemeriksaan pra-cucian



Berbalik



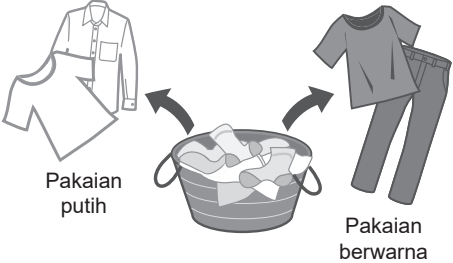
Pakaian mungkin menggosok



- Patuhi label penjagaan.



- Cuci berasingan.



- Prarawat untuk kotoran yang degil.



NOTA

- Program “Stain Master+” (Hlm. 17) disyorkan untuk menanggalkan kotoran.

Tidak boleh dicuci atau dikeringkan

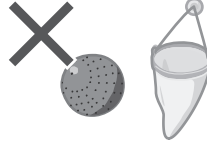
Tidak boleh dicuci atau dikeringkan



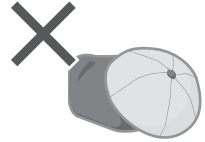
Kulit / bulu



Sutera, rayon dan cupro (Fabrik adunan)



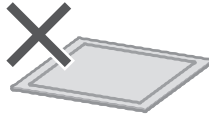
Pembantu pencucian yang tersedia di kedai



Topi dengan bahan teras yang keras



Kusyen, Bantal, dll.



Uretana / tikar beralas getah atau tebal

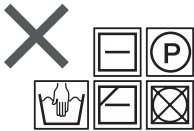


Lampin kertas

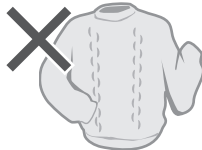
Lain-lain ...

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

Tidak boleh dikeringkan



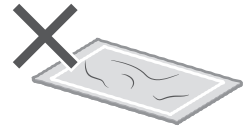
Semua tanda di atas



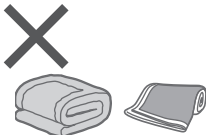
Pakaian bulu



Seluar sama sendat atau sarung kaki



Tikar atau item lain di mana bulu binatang tersangkut



Kulit



Pakaian berkanji



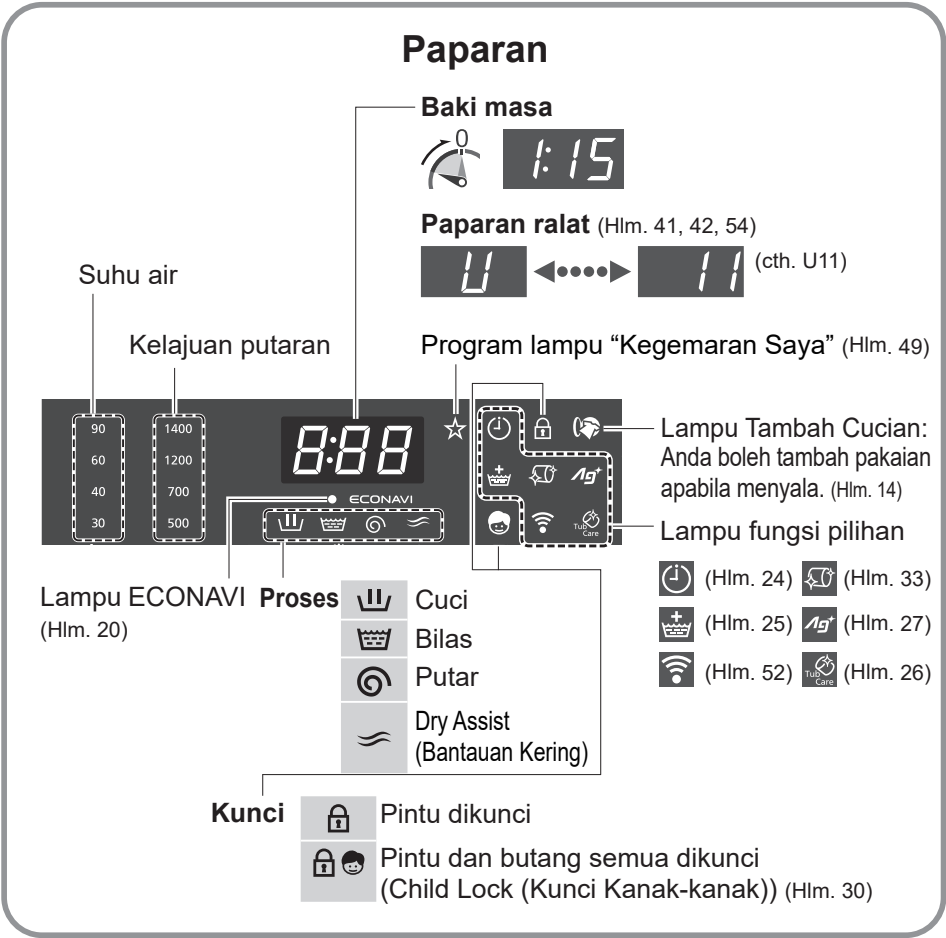
Pakaian dengan tali atau sulaman, serat sintetik baharu dll.

NOTA

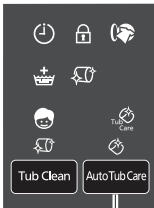
- Boleh menyebabkan perubahan bentuk kepada pakaian, kerosakan, pincang fungsi atau bahaya kepada mesin.

Panel Kawalan

● Imej dalam arahan ini adalah untuk NA-V10FR1, melainkan diberitahu sebaliknya.



■ NA-V10FC1/ NA-V90FC1



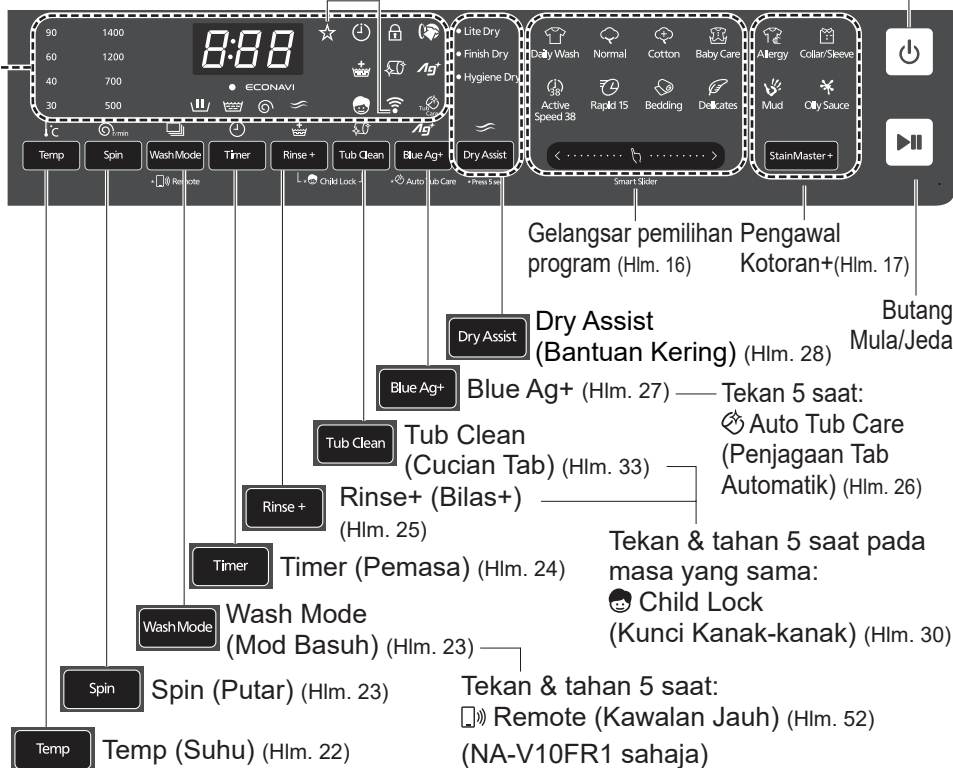
Auto Tub Care (Penjagaan Tab Automatik) (Hlm. 26)

Butang Kawalan

■ NA-V10FR1/NA-V90FR1

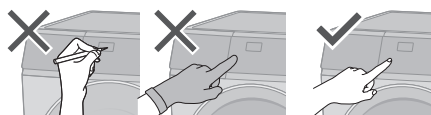
NA-V10FR1 sahaja

Butang Power (Kuasa)



Operasi Sentuh

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



NOTA

- Tutup ➡ buka semula
- Tiada operasi ➡ kuasa ditutup automatik
- Jika berlaku kegagalan kuasa
 ➡ Jika kuasa pulih, operasi akan bersambung di mana ia terhenti. (Mula Semula Auto)

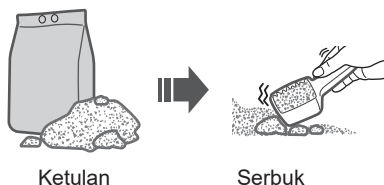
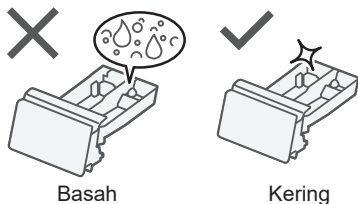
Detergen

- Ikut arahan di setiap bungkusan.

Detergen

Detergen buih rendah

- Untuk mencegah serbuk detergen tertinggal di dalam laci detergen:



Detergen

Detergen serbuk

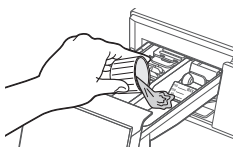
Detergen cecair



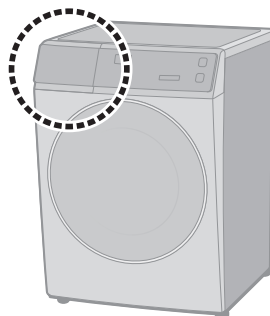
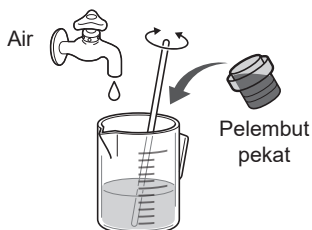
Peluntur



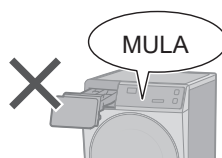
Pelembut kain



Pelembut terpisah atau berketul

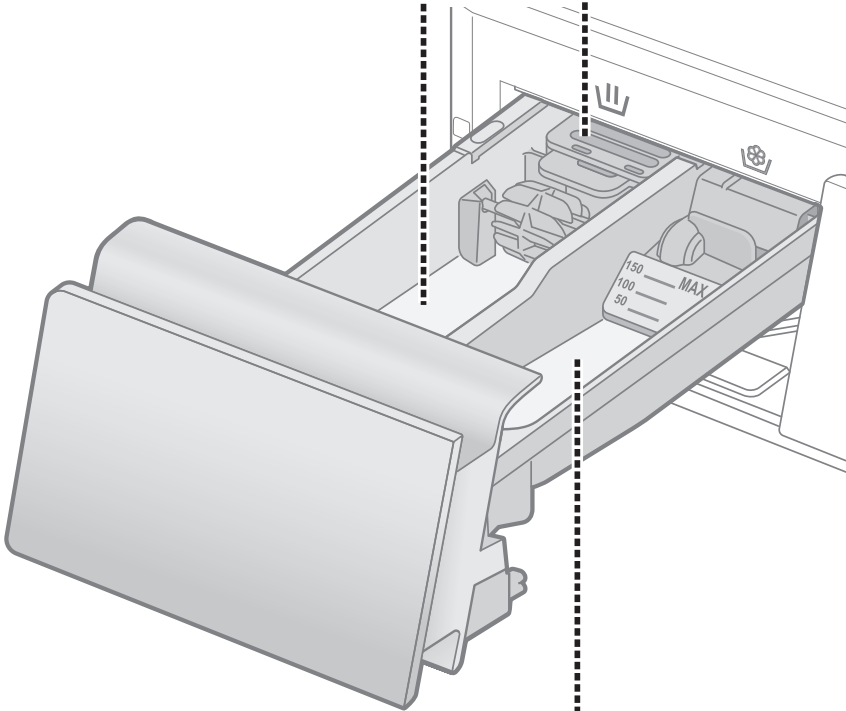


NOTA



Bekas Ag+ (Hlm. 27, 33)

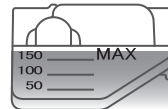
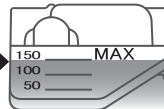
V10FR1 V90FR1



Pelembut kain

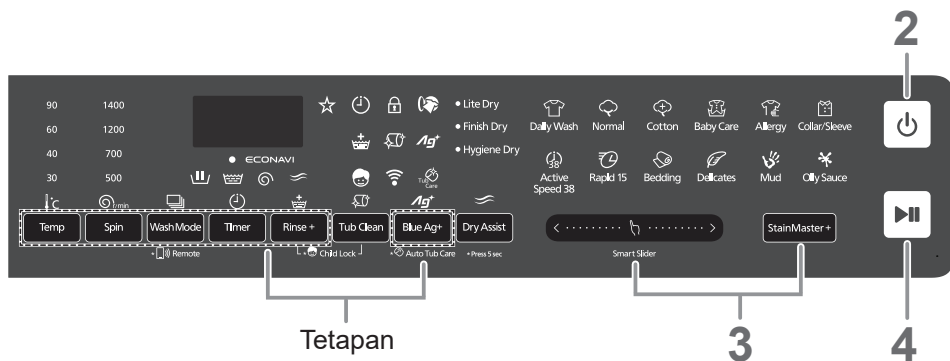


Maks. 150 ml



Mencuci

Kaedah Asas

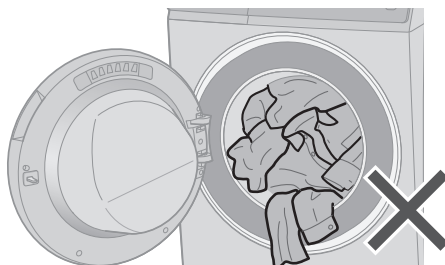


NOTA

- Jangan biarkan pakaian tersangkut di pintu.



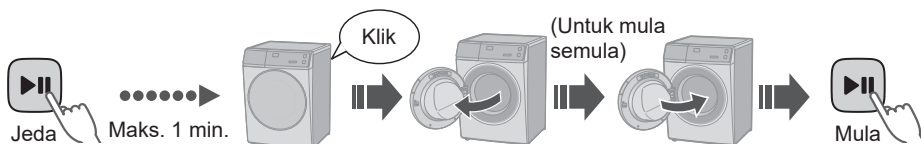
- Jangan terlebih isi pakaian.



- Buka pintu semasa operasi

- Semasa mencuci

(Anda boleh tambah pakaian apabila menyala.)

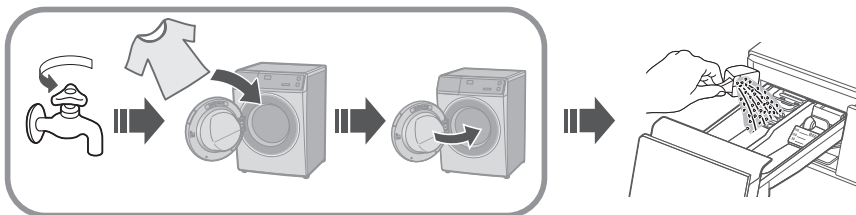


NOTA

- Pintu tidak boleh dibuka. ➡ (Hlm. 36)



1



2



Buka

3



Pilih program. (Hlm. 16)

■ Menukar tetapan.

Tetapan

Temp	Spin	Wash Mode	Timer
Temp (Suhu) (Hlm. 22)	Spin (Putar) (Hlm. 23)	Wash Mode (Mod Basuh) (Hlm. 23)	Timer (Pemasa) (Hlm. 24)
Rinse +	Auto Tub Care	Blue Ag+	
Rinse+ (Bilas+) (Hlm. 25)	Auto Tub Care (Penjagaan Tab Automatik) (Hlm. 26)	Blue Ag+; Auto Tub Care (Penjagaan Tab Automatik) (Hlm. 26, 27)	
V10FC1 V90FC1		V10FR1 V90FR1	

4



Mula



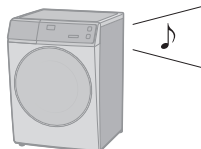
Mengukur jumlah
cuci

(30 saat)

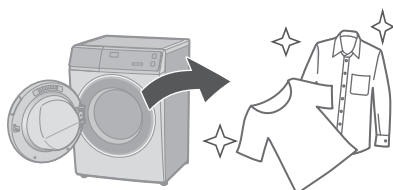


Memaparkan masa yang
diperlukan (dikira semula)

(cth.)



5



Senarai Program

Program	Huraian	Muatan maks (kg)		Masa keseluruhan
		V10FR1/ V10FC1	V90FR1/ V90FC1	
 Daily Wash (Cucian Harian)	Pakaian harian (Lebih pantas daripada program "Normal (Biasa)") 	10.0	9.0	1:30
 Normal (Biasa)	Pakaian harian 	10.0	9.0	2:54
 Cotton (Kapas)	Cucian lembut dengan masa tambahan 	10.0	9.0	3:00
 Baby Care (Penjagaan Bayi)	- Pakaian untuk bayi & mereka yang berkulit sensitif - Membilas sebersih-bersihnya 	5.0		2:20
 Active Speed 38 (Aktif Kelajuan 38)	Muatan kecil 	5.0		0:38
 Rapid 15 (Pantas 15)	Muatan kecil berkotoran ringan 	2.0		0:15

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

Program	Huraian	Muatan maks (kg)		Masa keseluruhan
		V10FR1/ V10FC1	V90FR1/ V90FC1	
 Bedding (Cadar)	Item besar 	3.0		1:30
 Delicates (Mudah Rosak)	Mencuci dengan 	2.0		0:50
StainMaster +		Untuk jenis noda yang berikut		
 Allergy (Alahan)	Untuk kutu dan debunga 	10.0	9.0	3:15
 Collar/ Sleeve (Kolar/ Lengan)		10.0	9.0	3:10
 Mud (Lumpur)		10.0	9.0	3:30
 Oily Sauce (Sos Berminyak)		10.0	9.0	3:00
 Tub Clean (Cucian Tab)	Mencuci dram. 	Tiada		3:45

Butiran Program

Program	Tetapan	Tetapan auto	
		Temp (Suhu) (°C)	Spin (Putaran) (r/min)
 Daily Wash (Cucian Harian)		40	1200
 Normal (Biasa)		40	1200
 Cotton (Kapas)		60	1400
 Baby Care (Penjagaan Bayi)		40	1400
 Active Speed 38 (Aktif Kelajuan 38)		40	1200
 Rapid 15 (Pantas 15)		Sejuk	1200
 Bedding (Cadar)		Sejuk	700
 Delicates (Mudah rosak)		30	500
 Allergy (Alahan)		90	1200
 Collar/Sleeve (Kolar/Lengan)		40	1200
 Mud (Lumpur)		40	1200
 Oily Sauce (Sos Berminyak)		40	1200
 Tub Clean (Cucian Tab)		40	1200

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 dan/atau MS 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				
Temp (Suhu) (°C)	Spin (Putaran) (r/min)	Wash Mode (Mod Basuh)	Timer (Pemasa)	Rinse+ (Bilas+)	Blue Ag+	Auto Tub Care (Penjagaan Tab Automatik)
Sejuk, 30, 40, 60	 , 500, 700, 1200, 1400	✓	✓	✓	✓	✓
Sejuk, 30, 40, 60	 , 500, 700, 1200, 1400	✓	✓	✓	✓	✓
Sejuk, 30, 40, 60	 , 500, 700, 1200, 1400	✓	✓	✓	✓	✓
Sejuk, 30, 40, 60	 , 500, 700, 1200, 1400	✓	✓	✓	✓	✓
Sejuk, 30, 40	 , 500, 700, 1200, 1400	✓	✓	—	✓	✓
Sejuk	 , 500, 700, 1200	—	✓	—	—	—
Sejuk, 30	 , 500, 700	✓	✓	✓	✓	—
Sejuk, 30, 40	 , 500	✓	—	✓	✓	—
60, 90	 , 500, 700, 1200	—	✓	✓	—	✓
40	 , 500, 700, 1200, 1400	✓	✓	✓	✓	✓
40	 , 500, 700, 1200, 1400	✓	✓	✓	✓	✓
40	 , 500, 700, 1200, 1400	✓	✓	✓	✓	✓
40	1200	—	—	—	—	—

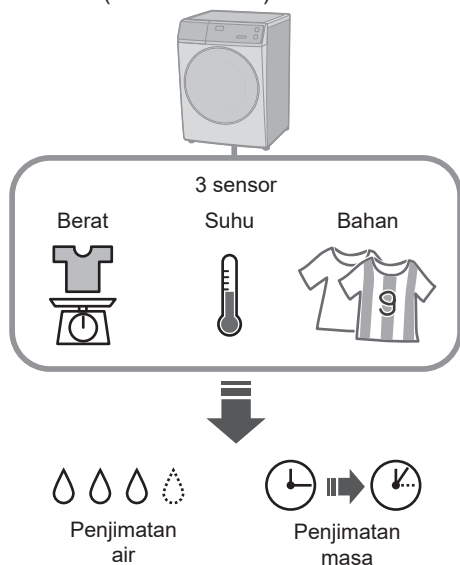
 : Toskan sahaja (Tiada putaran)

Blue Ag+:
V10FR1/
V90FR1

Tip Mencuci

ECONAVI

- Program “Normal (Biasa)” dan “Daily Wash (Cucian Harian)”



■ Lampu penunjuk



Mengesan



ECONAVI didayakan



ECONAVI dinyahdayakan

Delicates (Mudah rosak)

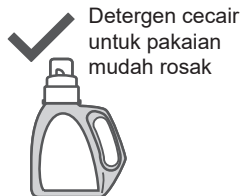
■ Semasa mencuci

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

NOTA



Peluntur



Detergen cecair
untuk pakaian
mudah rosak

■ Selepas operasi tamat

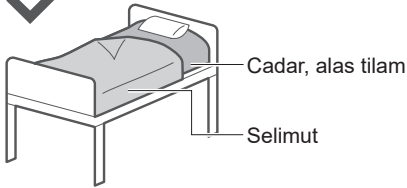


Keluarkan
dengan segera

Bedding (Cadar)

■ Item boleh dicuci

- (Basuh) ● (Basuh tangan)
- 100 % kapas atau 100 % sintetik



■ Item tidak boleh dicuci



Selimut elektrik



Bulu



Sutra

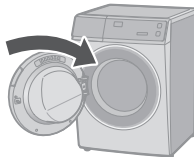


Longgokan panjang

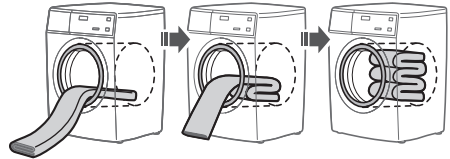
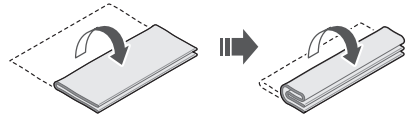


Bulu tiruan

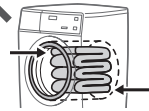
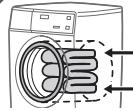
NOTA



■ Masukkan selimut ke dalam dram



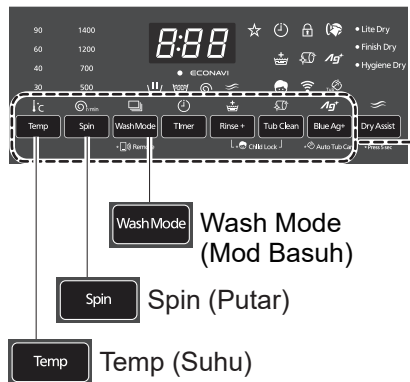
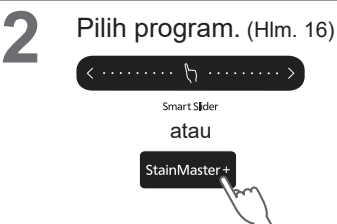
NOTA



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.



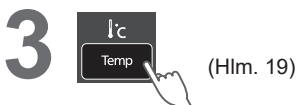
Temp (Suhu)

Mengubah suhu cucian.



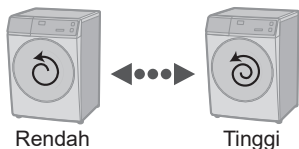
■ Panduan tetapan

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



r/min **Spin (Putar)**

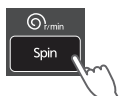
Ubah kelajuan putaran.



■ Panduan tetapan

 Rendah	 Tinggi
● Mengurangkan kedutan 	● Untuk mengeringkan lebih menyeluruh 

3



(Hlm. 19)

■ To mengubah tetapan semasa mencuci



1



2



3



Wash Mode (Mod Basuh)

Pilih kombinasi basuh, bilas dan putar.

(cth.)



3



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

*1 Air dikeluarkan selepas proses cucian.

*2 Keluarkan air dahulu jika ada air di dalam dram.

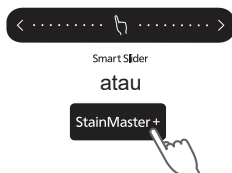
Mengubah Tetapan Proses (sambungan)

■ Menyediakan

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



2 Pilih program. (Hlm. 16)



3 Ubah tetapan program.



Timer (Pemasa)



Rinse+ (Bilas+)

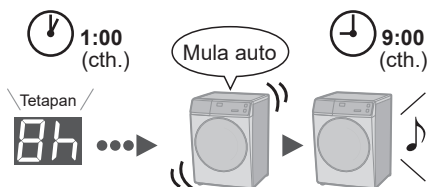


- Pilihan dan julat tetapan yang tersedia adalah berbeza bergantung kepada program. (Hlm. 18)
- Penggera berbunyi jika anda memilih pilihan yang tidak tersedia.



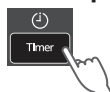
Timer (Pemasa)

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



Tekan atau tahan

■ Untuk periksa masa pratetap



■ Untuk batalkan tetapan



(Semua tetapan dibatalkan)

Tutup

NOTA



Mula

Semua penanda dipadamkan kecuali



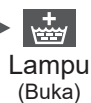
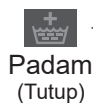
- Tidak tersedia: Hlm. 19

Rinse+ (Bilas+)

Tambah bilasan ekstra.



3



■ To mengubah tetapan semasa mencuci



1



2



3



Mengubah Tetapan Proses (sambungan)

■ Menyediakan

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

1



Buka

2

Pilih program. (Hlm. 16)



Smart Slider

atau

StainMaster+

3

Ubah tetapan program.



Blue Ag+
Auto Tub Care

(Penjagaan Tab Automatik)

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

4



Mula

Auto Tub Care (Penjagaan Tab Automatik)

Tambah proses pembersihan tab.



3

V10FR1 V90FR1



Tekan 5
saat.

V10FC1 V90FC1



Padam
(Tutup)

Lampu
(Buka)

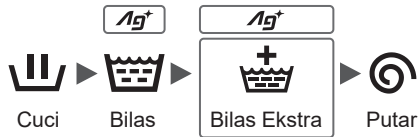
NOTA

- Tetapan diingati.

Ag+ Blue Ag+

V10FR1 V90FR1

Fungsi membunuh bakteri (Maks. 3.0 kg).



3



■ Hayat perkhidmatan untuk bekas Ag+

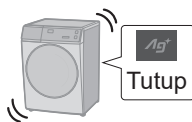
- “Blue Ag+” berkesan sehingga kira-kira 300 ke 350 kali (selama kira-kira 7 tahun jika digunakan seminggu sekali).
- Tukar bekas jika kandungan berkurang.



- Gantikan
⇒ (Hlm. 33)



- Cuci tanpa “Ag+”



NOTA

- Jangan guna air tersebut untuk tujuan.



Minum



Masak

- Jenis pakaian, detergen, pelembut, dan keliatan air boleh mempengaruhi hasil.
- Berhenti menggunakan jika rasa gatal, dll.



Dry Assist (Bantuan Kering) (Kering Sahaja)

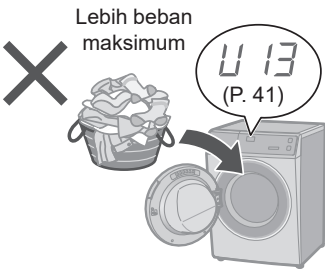
Fungsi ini tidak boleh ditetapkan dengan program pencucian lain pada masa yang sama.

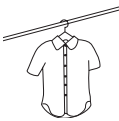
- 1


Buka
- 2


Dry Assist
- 3

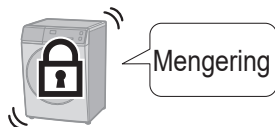

Mula



Dry Assist (Bantuan Kering)	Penanda (minut)	Huraian	Muatan maks (kg)
• Lite Dry	120	Selepas putaran pada 1400 r/min  cth) 5 helai baju	1.0
	180		
• Finish Dry	30	Pengeringan tambahan untuk pakaian yang tidak cukup kering 	2.0
	120	Selepas gantung-kering  ↓  Mengering	
	180		
• Hygiene Dry	120	Selepas putaran pada 1400 r/min Penghapusan Bakteria   → 	0.5
	180		
		cth) 1 baju, 2 seluar kanak-kanak, 1 pasang stoking	

NOTA

- Pintu dikunci semasa mengering.



- Untuk membuka pintu



Jeda



Mula menyejuk
9 ke 24 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:



Tutup

atau



Jeda

Simptom

- Pengeringan tidak cukup
- Pengeringan tidak sekata



Tip untuk hasil yang baik

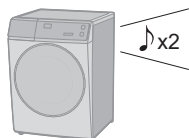
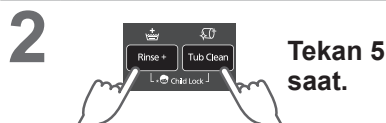
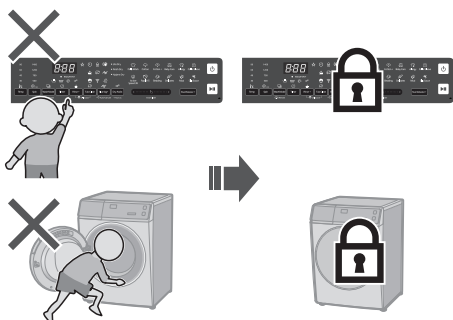
- Kurangkan jumlah pakaian..



- Mengelaskan pakaian. (Hlm. 28)
- Laraskan masa pengeringan untuk mendapatkan prestasi pengeringan yang anda jangkakan.
- Gunakan "Finish Dry (Selesai Kering)" 30 minit untuk pengeringan tambahan.

Mengubah Tetapan Mesin

Menetapkan Kunci Kanak-kanak



Lampu
(Buka)

■ Untuk batalkan:

Prosedur yang sama 



Padam
(Tutup)

Membatalkan pembaz



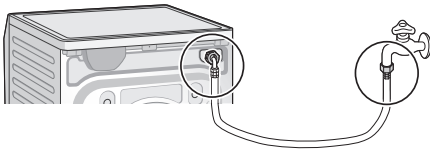
■ Untuk menetapkan semula:

Prosedur yang sama 

Penyelenggaraan

Penapis bekalan air

Jika air tidak mengalir dengan lancar



1



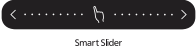
Kosong

2



Buka

3



Pilih

Daily Wash
(Cucian Harian)

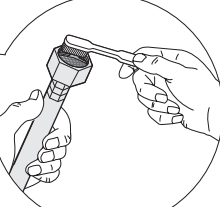
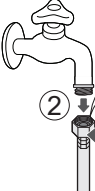
4



Mula

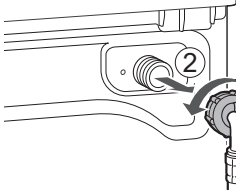
Tutup

5

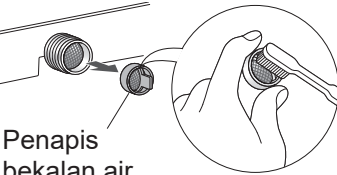


Keluarkan dan bersihkan penapis

6

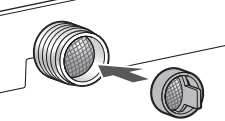


7

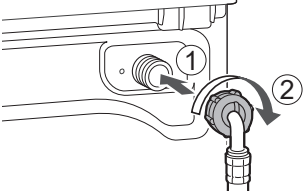


Penapis
bekalan air

8



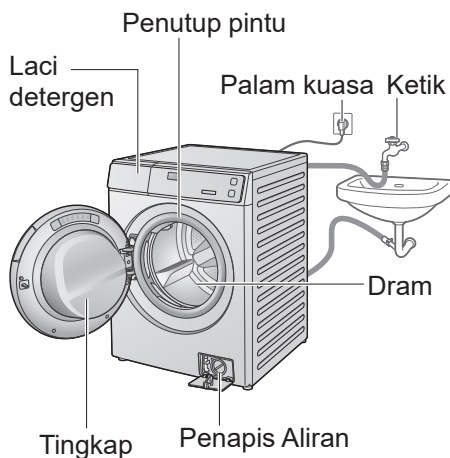
9



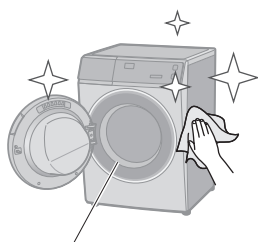
10



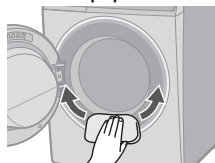
Penyelenggaraan (sambungan)



Mesin

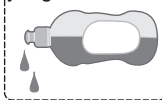


Penutup pintu

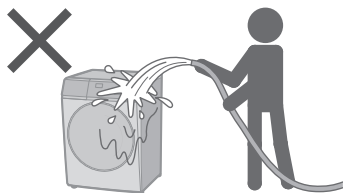


Untuk tanah berat

Detergen dapur yang sederhana



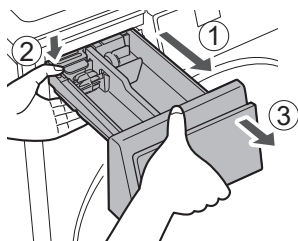
NOTA



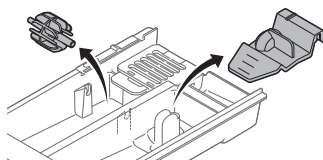
- Do not use detergen atau pencair berpasir, atau produk yang mengandungi alkohol atau minyak parafin.

Laci detergen

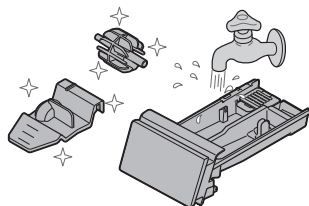
1



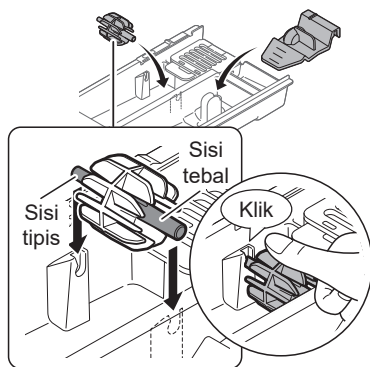
2



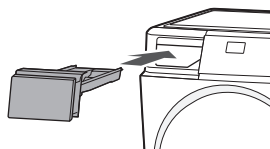
3



4



5

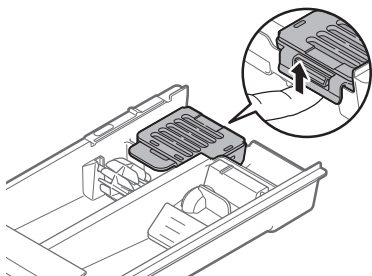


Jika kandungan berkurangan

■ Tukar bekas Ag+

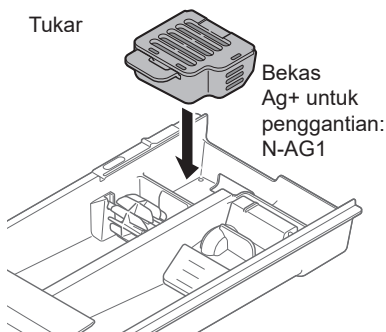
V10FR1 | V90FR1

1



2

Tukar



Bekas Ag+ untuk penggantian: N-AG1

NOTA

- Anda tidak boleh buka bekas Ag+.

Dram

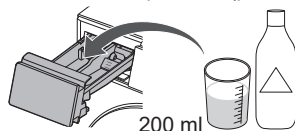
Sebulan sekali atau jika menyala <Tub Clean (Cucian Tab)>

1



2

Peluntur peluntur (peluntur klorin)



3



Tiada pakaian



4



5



Lebih kurang.

3:45



Mula



NOTA

- Jika program "Tub Clean (Cucian Tab)" tidak berjalan, penunjuk  berbunyi jika program lain berjalan sebanyak 3 kali.

Penyelenggaraan (sambungan)

Penapis Aliran

Sebulan sekali

Pastikan air di dalam dram
dialirkan sebelum prosedur ini.



AWAS



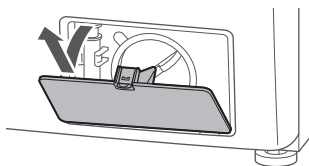
Air panas
(mungkin air panas)

1

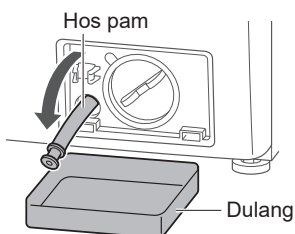


Tutup

2



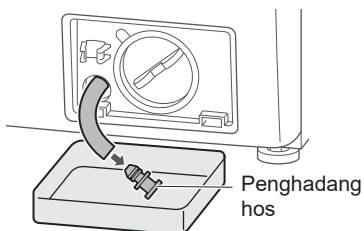
3



Hos pam

Dulang

4

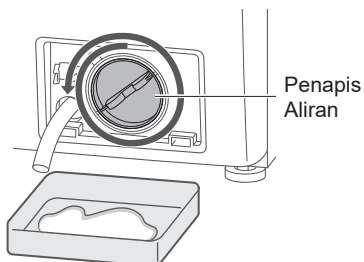


Penghadang
hos

5

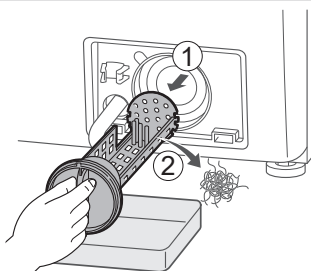


6



Penapis
Aliran

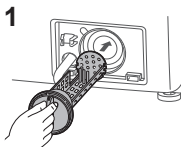
7



8

Tukar

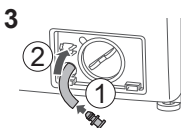
1



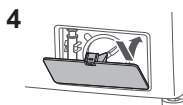
Sehingga ia di
tempat yang betul



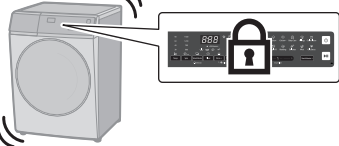
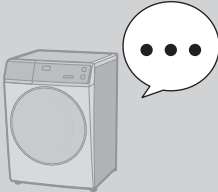
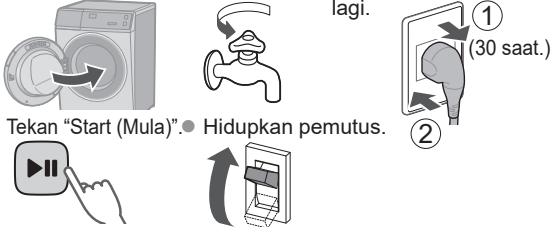
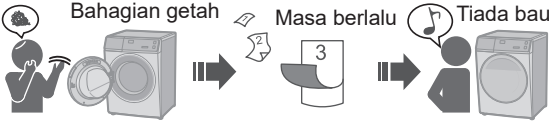
3



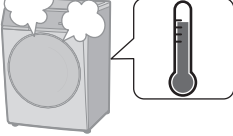
4

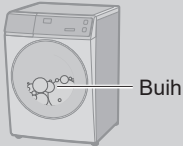
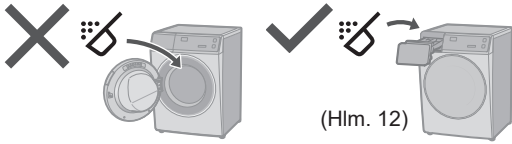
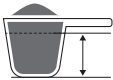


Penyelesaian Masalah

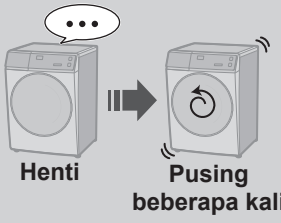
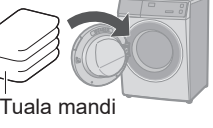
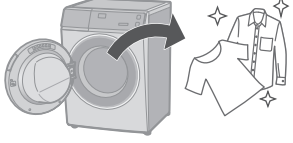
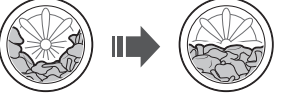
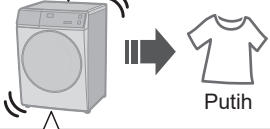
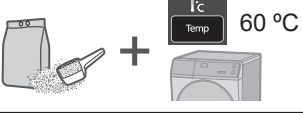
	Simptom	Titik untuk diperiksa
Unit utama	Sentuh butang  Tiada reaksi 	☐ Sebab yang mungkin ● Semasa operasi  ☐ Cuba ● Kunci Kanak-kanak (Hlm. 30)  (Tutup)
	Tiada operasi 	☐ Periksa ● Potongan kuasa ● Pemasa  ☐ Cuba ● Tutup pintu. ● Hidupkan. ● Cabut dan masukkan lagi.  ● Tekan "Start (Mula)". ● Hidupkan pemutus. 
	Bau getah 	☐ Sebab yang mungkin Bahagian getah Masa berlalu Tiada bau  ☐ Cuba Tub Clean (Cucian Tab) (Hlm. 33) 

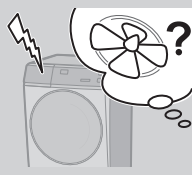
Penyelesaian Masalah (sambungan)

Simptom	Titik untuk diperiksa
Unit utama Pintu tidak boleh dibuka 	☐ Sebab yang mungkin ● Semasa operasi (mencuci atau pengeringan)  Pintu dikunci. Untuk membuka pintu: • mencuci (Hlm. 14) • pengeringan (Hlm. 29)
	☐ Periksa ● Suhu  Tinggi ● Paras air  Tinggi
	☐ Cuba ● Kunci Kanak-kanak (Hlm. 30)  ● Semasa operasi 1  Tutup 2  Buka 3  (Hlm. 23)  Putar 4 Buka  NOTA  Pintu dikunci  Potongan kuasa  Dipulihkan  Pintu dikunci  Pintu dikunci  Pintu dikunci

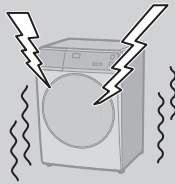
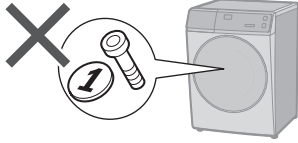
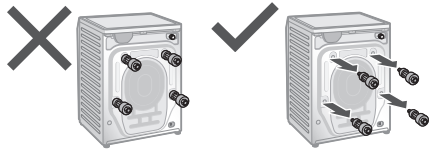
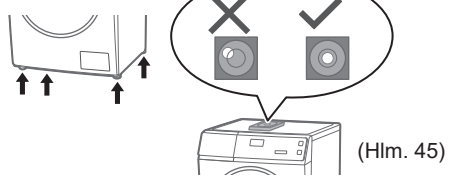
	Simptom	Titik untuk diperiksa
Detergen dan buih	Selepas mencuci 	☐ Periksa  (Hlm. 12)
		☐ Sebab yang mungkin ● Jumlah buih berbeza-beza. ● Suhu ● Paras air ● Kelembutan air 
	Tidak cukup 	☐ Periksa ● Detergen serbuk  (Hlm. 12) ● Detergen terlalu sedikit ● Detergen buih rendah ● Sangat Kotor ● Muatan terlalu besar 
	Terlalu banyak 	☐ Periksa ● Detergen terlalu banyak 
Cuci	Semasa mencuci  Saliran air	☐ Sebab yang mungkin Buih yang berlebihan  Buih Fungsi pengesanan buih  Saliran automatik Bekalan air automatik 

Penyelesaian Masalah (sambungan)

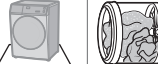
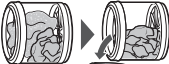
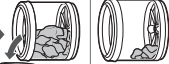
	Simptom	Titik untuk diperiksa
Bilas/Putar	Semasa proses putaran  Henti Pusing beberapa kali	☐ Sebab yang mungkin Pembetulan permukaan  Auto betul Henti Auto betul Pembetulan permukaan ☐ Cuba Terlalu ringan  Tambah 1 atau 2  Tuala mandi
	Selepas mencuci  Buih atau air	☐ Cuba Lap  Tutup  Putih
	Putaran bertukar kepada bilas  Putar Bilas	☐ Sebab yang mungkin ● Jika pakaian tidak rata, mesin ini membetulkannya secara automatik dengan proses membilas.  Auto betul
Cucian	Jika pakaian menguning  Kuning	☐ Cuba V10FR1 V90FR1 Ag+ Tutup  Putih Temp 60 °C 

	Simptom	Titik untuk diperiksa
Masa	Semasa mencuci Waktu yang dipaparkan  Perubahan	☐ Sebab yang mungkin ● Masa yang tinggal dibetulkan semasa operasi..  ● Jika tetapan diubah ● Jika pakaian tidak rata   ➡ Masa yang tinggal boleh bertambah.
	Semasa saluran air 	☐ Sebab yang mungkin ● Ini adalah normal. Pam saluran.
	Bunyi kipas berputar 	☐ Sebab yang mungkin ● Ini adalah normal. Kipas tersebut menyejukkan alat elektrik.
	Sound of fan rotating 	☐ Sebab yang mungkin ● Ini adalah normal. The drain pump is working.
Bunyi bising	Motor mengeluarkan bunyi 	☐ Sebab yang mungkin ● Ini adalah normal. Motor akan mengeluarkan bunyi pendek ketika dram bergerak.

Penyelesaian Masalah (sambungan)

	Simptom	Titik untuk diperiksa
Bunyi bising	Bunyi aneh (atau getaran) 	□ Periksa ● Item logam  ● Bolt pengikat (Hlm. 45)  ● Cerun atau permukaan tidak stabil  ● Laras 4 kaki  (Hlm. 45)
Lain-lain	Potongan kuasa Pemutus 	□ Periksa ● Jika kuasa pulih, operasi akan bersambung di mana ia terhenti. 

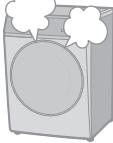
Paparan Ralat

Paparan Ralat	Titik untuk diperiksa		
U 11 Tidak dapat disalurkan	1 Periksa 	2 	3  Mula 
U 12 Pintu dibuka	1 	2  Mula	
U 13 Tidak dapat berputar	1 Periksa 	2 	3  Mula Tidak rata  Walaupun  Unstable or inclined  Stabil  Tidak stabil atau cenderung  Kurangkan  Terlalu sedikit  Tambah  <Dry Assist (Bantuan Kering)> Putaran Terlalu basah (1400 r/min) 
U 14 Tidak dapat membekalkan air	1 Periksa 	2 	3  Mula Ketiadaan air  Tutup  Penapis bekalan air (Hlm. 31) 

Paparan Ralat (sambungan)

Paparan Ralat	Titik untuk diperiksa	
U 17 Tidak dapat berputar	1 Mula semula   Tutup Buka	2 Jalankan "Rapid 15 (Pantas)"  Lain kali:   Detergen buih rendah
H Tidak dapat dibuka	1 	2  3 

■ Maklumat

hot Tidak dapat dibuka	Panas  Semasa pengeringan (Hlm. 29) Temp  tahan 5 saat. Mulakan penyejukan ●●●●● → 9 to 24 min. 
--	--

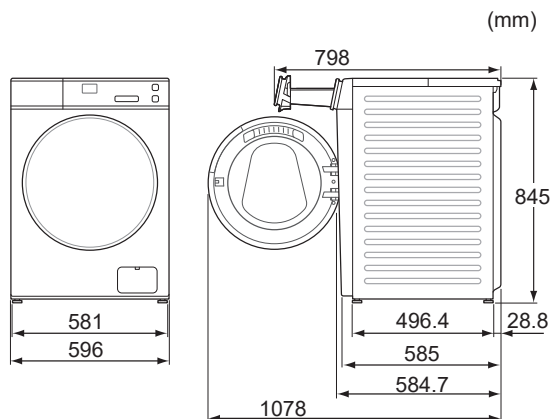
Memilih Lokasi yang Betul



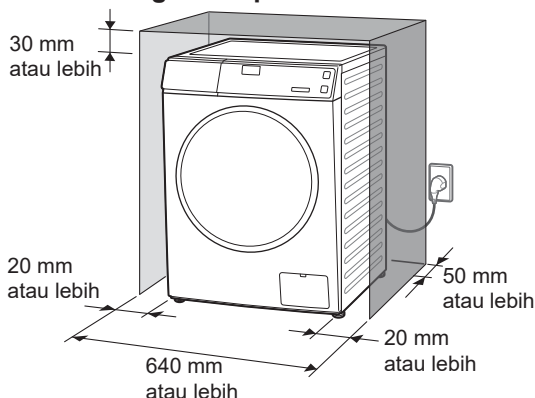
Pastikan anda minta bantuan juruteknik servis untuk pemasangan.

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

Ukuran mesin

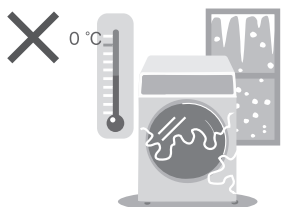
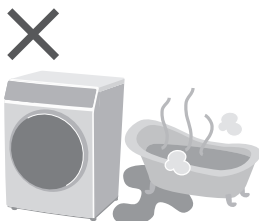
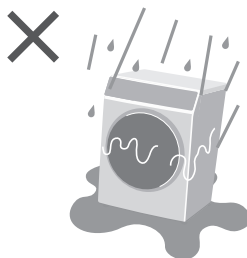


■ Pemasangan tetap



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

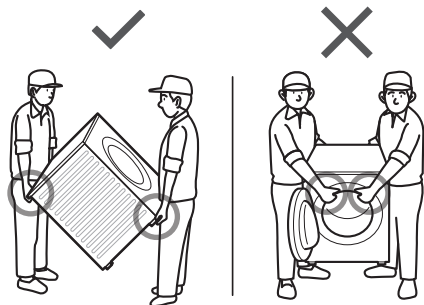
Periksa lokasi.



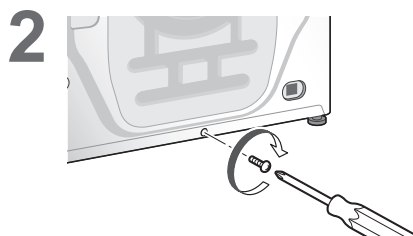
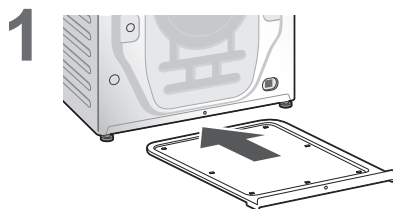
Memindah dan Memasang

Membawa mesin

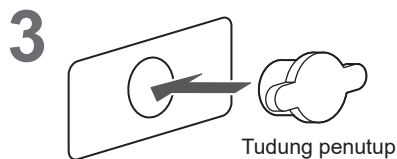
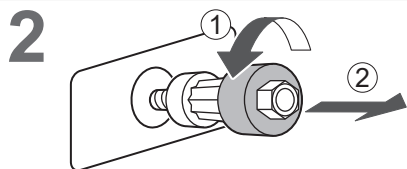
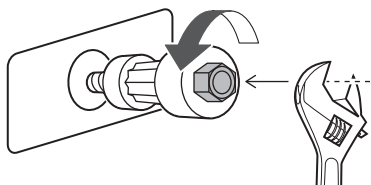
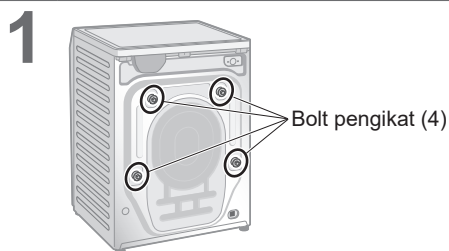
Jangan melakukannya bersendirian.



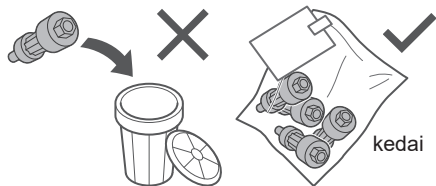
Pemasangan penutup bawah



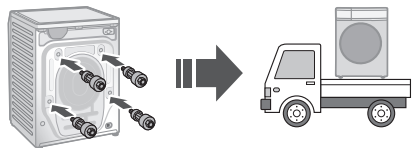
Membuka bolt pengikat



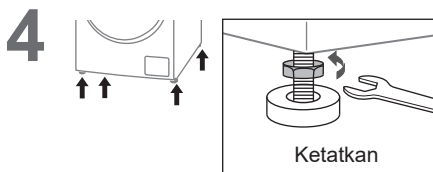
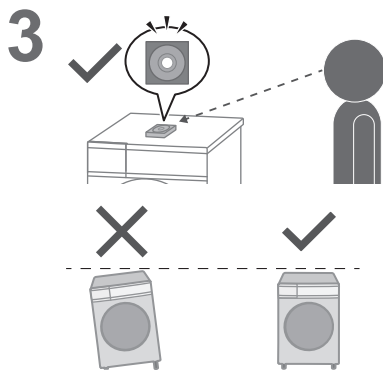
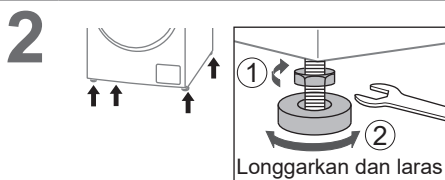
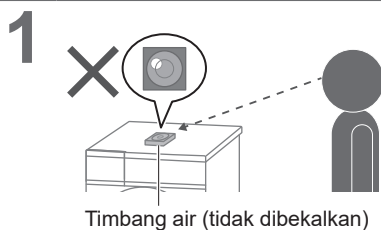
NOTA



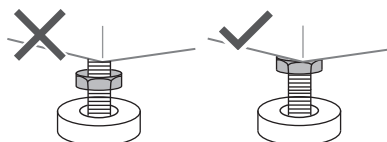
■ Mengalihkan mesin sekali lagi



Meratakan mesin



NOTA



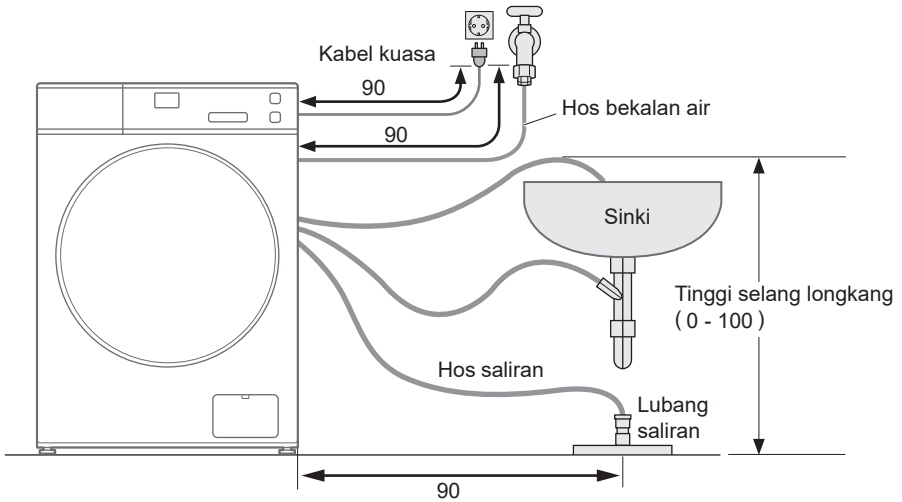
Menyambung Hos

Sambungkan hos dengan betul untuk mencegah kebocoran air.

Jarak sambungan maksimum untuk hos dan kabel kuasa

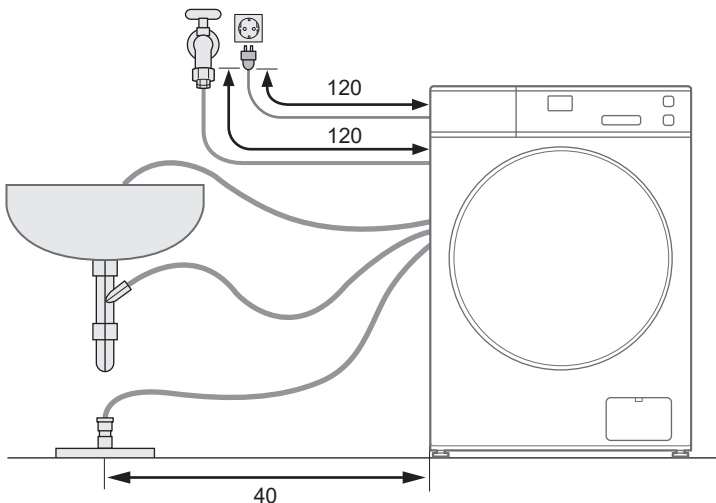
Sambungan sebelah kanan

(cm)



Sambungan sebelah kiri

(cm)



Hos bekalan air

■ Menyambung hos bekalan air

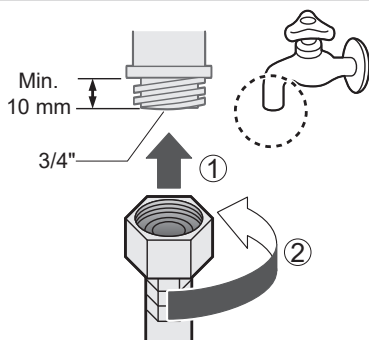


- Ketatkan nat dengan rapi.
- Jangan pintal, penyek, ubah suai atau potong hos.

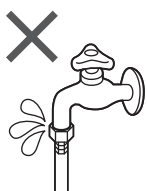
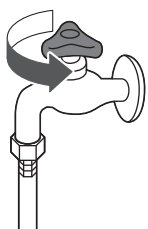
1



2



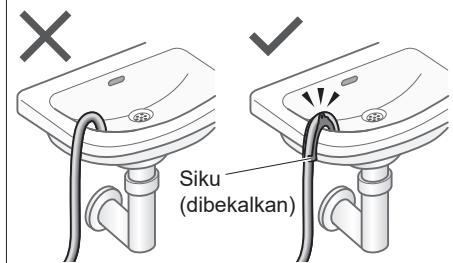
3



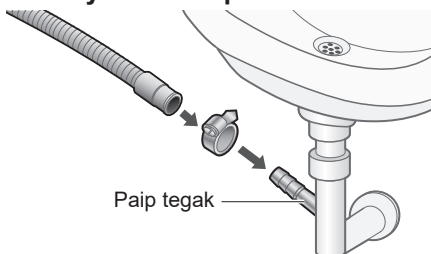
Hos saliran

■ Menyalirkan kepada sinki

NOTIS



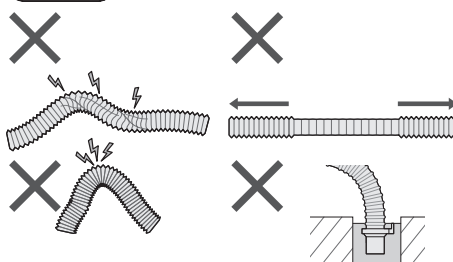
■ Menyalirkan kepada sinki



■ Menyalirkan kepada lubang saliran



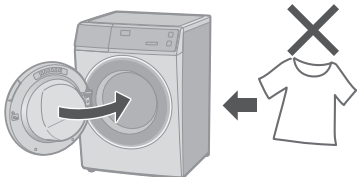
NOTA



1



2



3



Buka

4



Smart Slider

Rapid 15 (Pantas 15)

5



Mula

Memeriksa selepas memandu uji

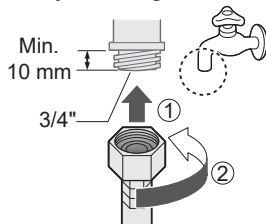
Masalah

Sebab dan Langkah

Kebocoran air



Menyambung hos bekalan air

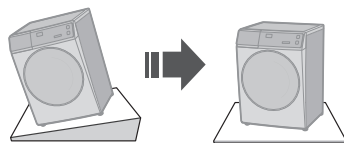


Bunyi tidak normal

- Membuka bolt pengikat (Hlm. 45)



- Pasang dengan stabil



Paparan Ralat

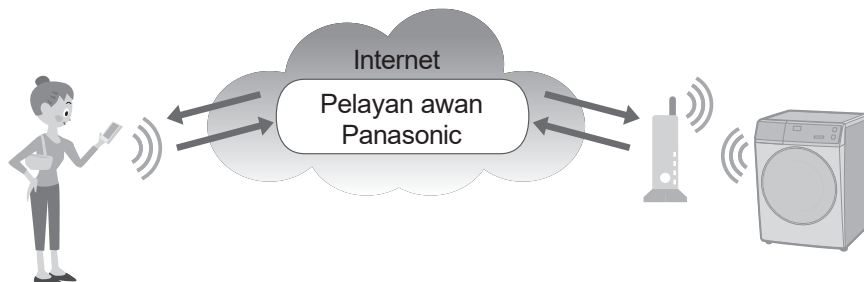


Lihat Hlm. 41.

Panasonic SmartApp+ V10FR1

Lebih mudah dengan telefon pintar anda

Anda boleh menggunakan perkhidmatan menggunakan “Panasonic SmartApp+”.



Anda boleh mengendalikan mesin basuh atau menetapkan pemasa dengan aplikasi.

Menyokong pemilihan program daripada sejarah program.

**Kami ada “Kegemaran Saya” program.
Anda boleh buat program asal
dengan tetapan kegemaran anda.**

- Sehingga 10 program



Pemberitahuan status mencuci dan tamat pengoperasian.

Pakaian boleh dikeluarkan dengan segera selepas dicuci.

- Kandungan, fungsi dan reka bentuk perkhidmatan ini tertakluk kepada perubahan atau penamatan tanpa notis terlebih dahulu.

Panasonic SmartApp+ (sambungan)

Peralatan dan Persekitaran yang Diperlukan

Mari semak peralatan yang diperlukan untuk menggunakan aplikasi ini.

- Telefon pintar Android atau iOS (iPhone)

- Mengenai OS yang disokong

<https://www.panasonic.com/fiot/wash/>



Laman Web
Panasonic



- Penghala LAN wayarles
Gunakan penghala LAN wayarles untuk menyambung ke Internet.



- Persekitaran Internet

Sila sahkan bahawa ia adalah talian jalur lebar.

Contoh) FTTH (gentian optik), ADSL, CATV (televisyen kabel), dsb.

komunikasi Internet
caj akan ditanggung
oleh pelanggan.



NOTA

- Pastikan penghala LAN wayarles mempunyai komunikasi standard jalur 2.4 GHz. (Komunikasi standard: IEEE802.11b, IEEE802.11g, IEEE802.11n)
Selain daripada di atas tidak boleh digunakan.
- Model yang hanya menyokong WEP tidak boleh digunakan.
- Sebagai langkah keselamatan, pastikan anda menggunakan penghala LAN wayarles yang boleh menetapkan kaedah penyulitan WPA3, WPA2 atau WPA.
- Kami mengesyorkan WPA3 dan WPA2 (AES) sebagai kaedah penyulitan.
- Kami tidak menjamin pegerakan semua penghala LAN wayarles. (Penghala mudah alih tidak dijamin berfungsi.)

Tetapan Awal



Ikut tetapan pada skrin aplikasi.

1 Pasangkan “Panasonic SmartApp+” (percuma)

- Anda boleh mendapatkan pautan untuk memuat turun aplikasi daripada “Laman Web Panasonic”.

<https://www.panasonic.com/fiot/wash/>



Panasonic Website

- Sebagai alternatif, anda boleh mencari aplikasi “Panasonic SmartApp+” pada Google Play (Android) atau App Store (iOS) dan pasang aplikasi tersebut.
- Anda juga boleh mengimbas pautan untuk memasang aplikasi daripada kod QR yang ditampal pada mesin basuh.

2 Ikut arahan yang dipaparkan pada skrin aplikasi dan daftarkan mesin basuh.

- Kendalikan dalam kedudukan di mana anda boleh menyemak paparan pada mesin basuh.
- Ia tidak boleh dikendalikan semasa mesin basuh sedang berjalan.



Gunakan aplikasi (Hlm. 52)

Panasonic SmartApp+ (sambungan)

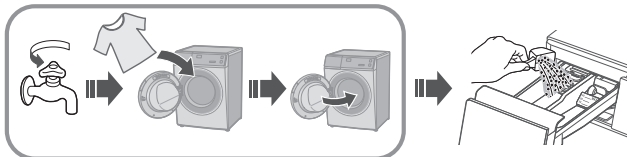
Menggunakan “Panasonic SmartApp+”

Selepas tetapan awal selesai, anda boleh menggunakan aplikasi tersebut.

Bersedia untuk menggunakan “Kawalan Jauh”

Anda perlu menyediakan mesin basuh sebelum keluar.

1



NOTA

- Tutup pintu sepenuhnya.

2



Buka



Lampu
(Buka)

3



**Tekan
5 saat..**



lebih kurang 2
saat.

Selepas 10 min.



Semua petunjuk lain
dimatikan, kecuali:



NOTA

- Untuk membatalkan alat kawalan jauh mod dan buka kunci pintu → matikan kuasa.
- Apabila tiada alat kawalan jauh daripada aplikasi, alat kawalan jauh mod dikeluarkan
- selepas 23 jam. Semasa mod kawalan jauh, semua butang pada perkakas (kecuali ) adalah kurang upaya. Anda hanya boleh mengawal mesin basuh daripada aplikasi. Selepas 23 jam, skrin biasa dipaparkan dan alat kawalan jauh dinyahdayakan.

Untuk menyemak status komunikasi dengan lampu pada panel kawalan.



Menyala Boleh Berkomunikasi (Disambungkan)



Berkelipkelip Cuba untuk berkomunikasi
(Menyambung ke pelayan)



Mati Tidak bersambung

■ Kedudukan
lampu



Memulakan

- Bila anda berhenti menggunakan "Panasonic SmartApp+"
- Disyaki digunakan untuk akses yang tidak dibenarkan
- Jika perkakas adalah mesin terpakai
- Apabila anda membuang atau memindahkan mesin basuh

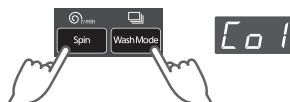
Tetapkan semula tetapan LAN wayarles kepada tetapan lalai.
(Kendalikan pada mesin basuh)

Anda juga harus berhenti menggunakan perkhidmatan aplikasi tersebut.

1

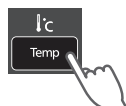


2



Tekan 5 saat.

3



4



Panasonic SmartApp+ (sambungan)

Paparan Ralat	Punca & Langkah
U81	● Gagal menyambungkan mesin basuh dan penghala LAN wayarles. Semak perkara berikut. • Penghala tidak dihidupkan. → Hidupkan kuasa. • Jarak antara penghala dan mesin basuh terlalu jauh. → Dekatkan penghala. • Terdapat peranti yang menggunakan gelombang radio, seperti ketuhar gelombang mikro, berdekatan. → Jaga jarak. → Berhenti menggunakan peranti atau tunggu sebentar dan cuba lagi. • Berbilang peranti disambungkan ke penghala. → Matikan kuasa peranti yang anda tidak gunakan.
U82	● Ralat komunikasi dengan pelayan. ● Mungkin terdapat masalah dengan sambungan internet anda. → Jika anda tidak tahu puncanya, hubungi pembekal, penghantar atau pengilang penghala anda.
U83	● Dalam “Sambungan sandaran”, SSID atau kata laluan penghala tidak betul. → Semak perihalan penghala. ● Gagal menyambungkan mesin basuh dan penghala. → Semak perkara di atas “U81”.
U84	● “Sambungan imbasan” gagal. Semak perkara berikut. • Bluetooth® tetapan pada telefon pintar anda dimatikan. • Kod QR tidak boleh dibaca dengan betul. → Pastikan bahawa tetapan Bluetooth® HIDUP, dan kemudian sambung semula. Jika anda masih tidak dapat menyambung, sila cuba “Sambungan sandaran”.
Aplikasi memaparkan perkataan seperti “Tidak boleh berkomunikasi dengan mesin basuh.”	● Berkomunikasi semula selepas beberapa ketika, atau semak sambungan status dengan kaedah berikut. 1 Tutup 2 Buka 3 Tekan 5 saat. 4 Timer → Jika “U81”, “U82”, dsb. dipaparkan, ia adalah ralat sambungan. Semak perkara di atas.

Penggunaan untuk LAN/Bluetooth® wayarles

■ Sekatan penggunaan

Sila ambil perhatian bahawa terdapat sekatan berikut terhadap penggunaan. Panasonic tidak bertanggungjawab untuk sebarang kerosakan sampingan akibat kegagalan mematuhi sekatan dan penggunaan atau ketidakupayaan untuk menggunakan mesin.

- Jangan sambung ke rangkaian wayarles yang anda tidak mempunyai kebenaran untuk digunakan.
Rangkaian wayarles (SSID*) yang anda tiada kebenaran untuk digunakan semasa carian automatik bagi persekitaran rangkaian wayarles mungkin dipaparkan, tetapi jika anda menyambung, ia mungkin dianggap sebagai akses tanpa kebenaran.
- Jangan gunakan di tempat di mana medan magnet, statik elektrik, atau gangguan radio dijana.
Jika anda menggunakannya berhampiran peranti berikut, komunikasi mungkin terganggu atau kelajuan mungkin perlahan.
 - Ketuhar gelombang mikro
 - LAN wayarles lain / Bluetooth® peranti
 - Peranti lain yang menggunakan gelombang radio dalam jalur 2.4 GHz (telefon tanpa wayar digital, peranti audio wayarles, konsol permainan, peranti PC, dsb.)
 - Objek logam yang mudah memantulkan gelombang radio

■ Langkah keselamatan

- Memandangkan LAN wayarles menggunakan gelombang radio untuk menghantar dan menerima data, terdapat risiko capaian yang tidak dibenarkan. Ambil langkah keselamatan untuk memastikan keselamatan data anda. (Hlm. 50) Sila ambil perhatian bahawa kami tidak bertanggungjawab untuk sebarang masalah yang berlaku tanpa mengambil langkah keselamatan.
- Untuk kata laluan (kunci penyulitan) penghala LAN wayarles, rujuk masupanduan manual penghala LAN wayarles dan tetapkannya sebagai pertimbangan keselamatan.

■ Mengenai perisian tegar

- Mesin ini mempunyai fungsi untuk menyambung ke pelayan kemas kini perisian kami melalui Internet dan secara automatik mengemas kini perisiannya sendiri kepada yang terkini versi. Memandangkan komunikasi wayarles terganggu buat sementara waktu semasa kemas kini, komunikasi mungkin terganggu atau kelajuan mungkin perlahan.
- Jangan menganalisis atau mengubah suai perisian tegar.

* Nama yang digunakan untuk mengenal pasti rangkaian tertentu pada LAN wayarles. Jika SSID ini sepadan pada kedua-dua peranti, komunikasi boleh dilakukan.

Panasonic SmartApp+ (sambungan)

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*This file is part of the lwIP TCP/IP stack.

*

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iconv (Charset Conversion Library) v2.0

(28) Artem Bityuckiy (--enable-newlib-iconv)

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Panasonic SmartApp+ (sambungan)

Hak Cipta, dll. (sambungan)

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easy-ecc

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Spesifikasi

		NA-V10FR1 NA-V10FC1	NA-V90FR1 NA-V90FC1
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	300 - 350	
Putaran perah maksimum (r/min)		1400	
Ukuran produk (L x D x T) (mm)		596 × 585 × 845	
Berat produk (kg)		69	
Berat maksimum kain kering (Cucian) (kg)		10.0	9.0
Berat maksimum kain kering (Kering) (kg)		2.0	
Tekanan air paip (MPa)		0.01 - 1	