

Panasonic®

Operating & Installation Instructions

Fully Automatic Washing Machine
(Household Use)

Model No. **NA-FD135Z3**



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Thank you for purchasing this product.

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

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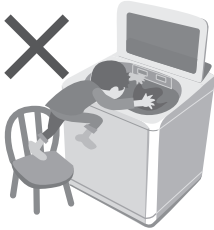


Safety Precautions

WARNING

May cause serious injury or death.

Children must not use it alone.

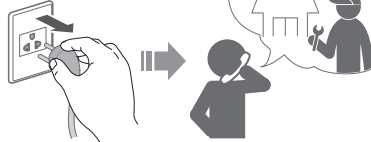


- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children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

Do not touch the tub until it stops.



- If the tub does not stop within 15 sec:

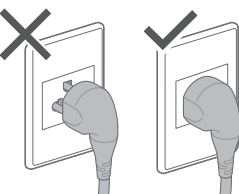


May cause fire or electric shock.

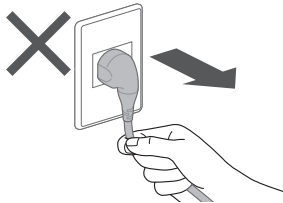
Do not touch it with wet hands.



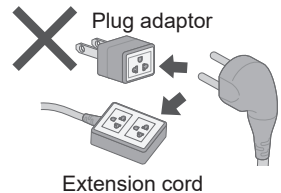
Fully insert it.



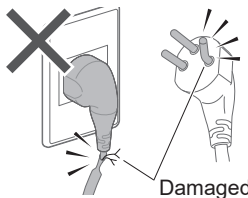
Do not hold or pull on the cord.



Do not use.

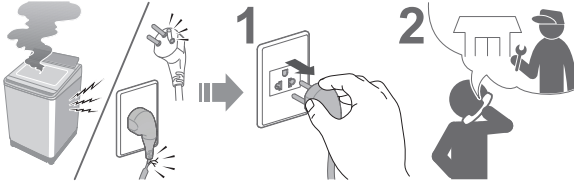


Do not use.

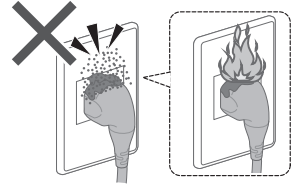


- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

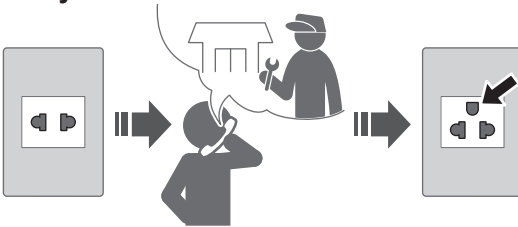
In case of failure or damaged power cord, stop use and ask the electrical technician.



Accumulated dust may cause fire.



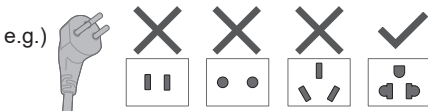
**Securely insert the ground prong.
Call your local dealer for a new socket.**



Wipe the power plug periodically.

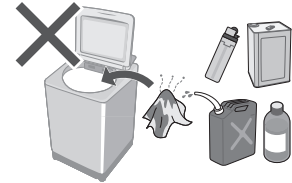


Use a socket appropriate for this appliance.



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

Keep away from flammable materials.



May cause failure.

Never disassemble, repair or modify it by yourself.



When using the “Panasonic SmartApp+” app

(Cause of malfunction due to radio waves from the appliance)

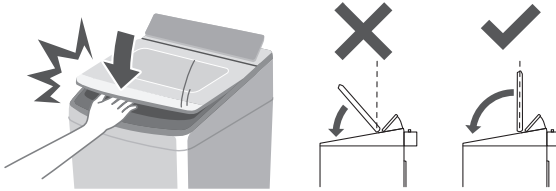
- Keep at least 15 cm away from the mounting part of the cardiac pacemaker.
- Keep away from medical equipment and automatic control equipment (automatic doors, fire alarms, etc.).

Safety Precautions (continued)

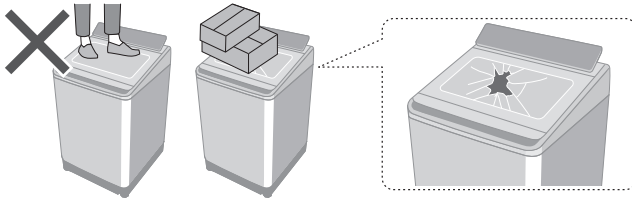
CAUTION

May cause injury.

Be careful not to get your fingers caught.

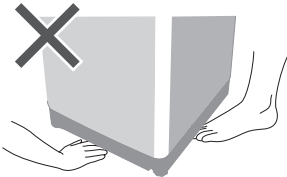


Do not climb or put objects on the appliance.



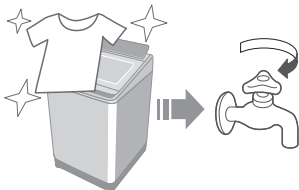
- If the lid is broken, immediately stop using.

Be careful of your hands and feet.

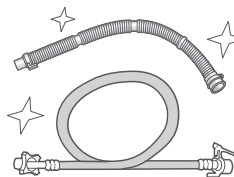


May cause water leakage.

Turn off the water faucet.



Use new hose-sets.

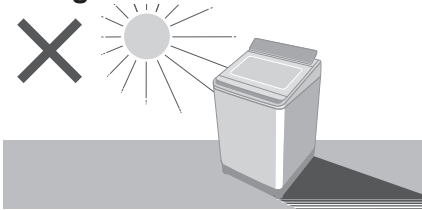


- New hose-sets supplied with the appliance are to be used and old hose-sets should not be reused.

■ For maximum mass of dry cloth and pressure of tap water, see Page 55.

May cause failure.

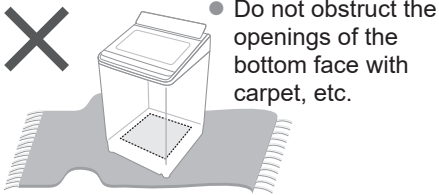
Keep away from heat and direct sunlight.



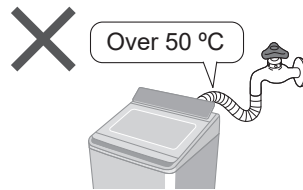
Do not wash waterproof items.



Do not obstruct.



Do not use hot water.



For machine-washable items only.

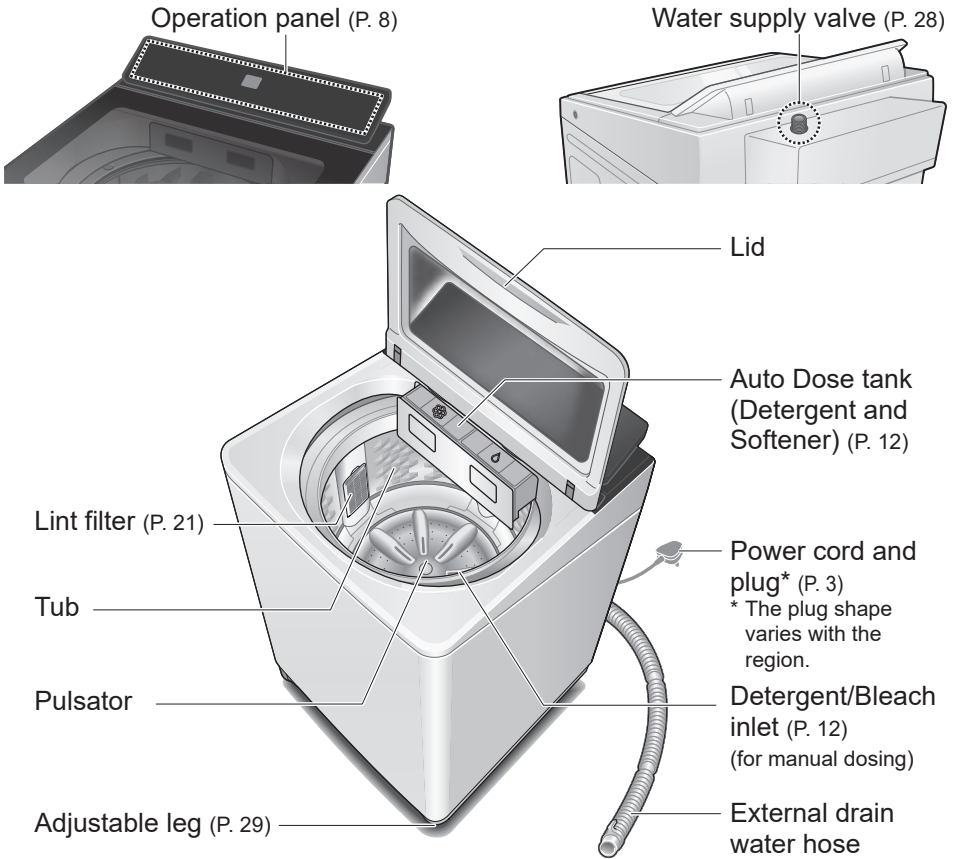


● This appliance is intended to be used in household. This appliance is not intended to be used in applications such as:

- 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.

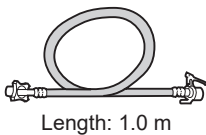
Part Names / Accessories

Part names



Accessories

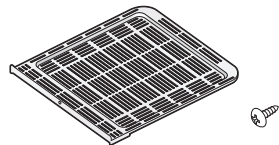
Water supply hose (1) (P. 28)



External drain water hose (1) (P. 27)



Bottom cover (1) /Screw (1) (P. 27)



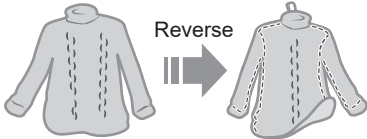
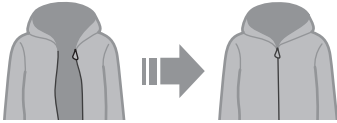
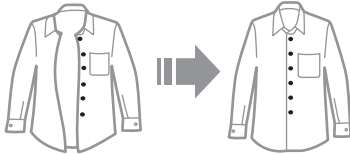
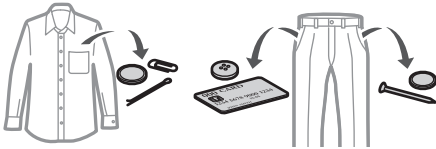
Water tap adaptor (1) (P. 28)



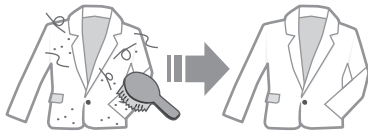
Before Washing

Laundry preparation and check

Pre-laundry check

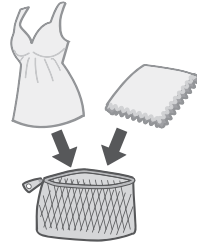


Clothes likely to pill



Paper diapers

Use laundry nets for delicates

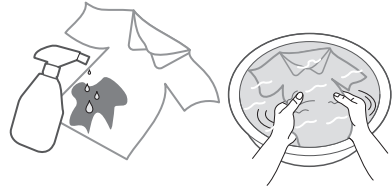


Overpack



For "Stain Master" (P. 18)

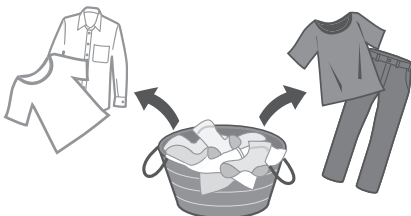
- Pretreatment for heavy stains



- Observe the clothes' care labels

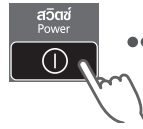
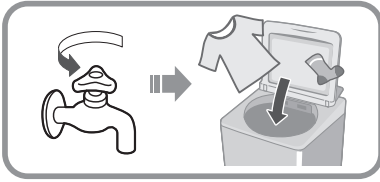


To prevent colour staining

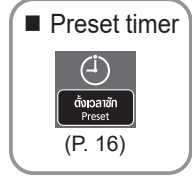
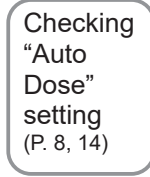


Washing

1



2



3

Measures the amount of laundry.



10 sec



5 sec



20 sec

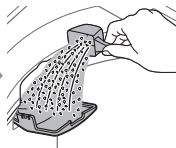


4

(for manual dosing)

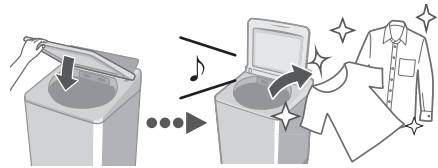


(P. 8)



(P. 13)

5



■ After pressing "Start"













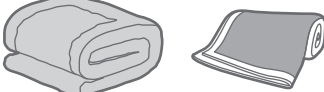
- To change each operation (while washing).

















- To check or change the water level (while washing).
- You cannot change the program.



Variety of Programs

	Program	Purpose	Max. capacity (kg)
Wash	 Normal (P. 9)	<ul style="list-style-type: none"> ● Everyday clothes 	13.5
	 Tangle Care (P. 9)	<ul style="list-style-type: none"> ● Anti-tangling • Washing more gently than “Normal” to reduce tangle. • Disentangling clothes after spin: 6 kg or less. 	
	 Speedy (P. 9)	<ul style="list-style-type: none"> ● For light soil 	13.5
	 Delicates (P. 17)	<ul style="list-style-type: none"> ● Washing gently 	4.2
	 Baby Care (P. 9)	<ul style="list-style-type: none"> ● Clothes for babies & sensitive skin Rinsing thoroughly 	13.5
	 Water Save (P. 9)	<ul style="list-style-type: none"> ● Saving water 	13.5
	 Bedding (P. 17)	<ul style="list-style-type: none"> ● Comforters and blankets  <p>With a machine-washable tag</p>	4.2

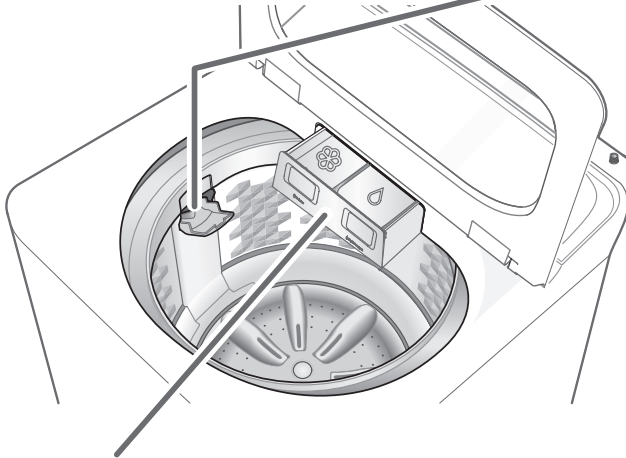
	Program	Purpose	Max. capacity (kg)
Wash	 Soak (P. 9)	<ul style="list-style-type: none"> ● For heavy soil Presoaking to wash 	13.5
	StainMaster (P. 18)	<ul style="list-style-type: none"> ● For the following stains 	6.0
	Light  Odour/ Aroma+ 	<ul style="list-style-type: none"> ● Use more softener to keep the scent longer 	
	 Mud 		5.0
 Soya/Sauce Heavy 			
Dry	 Air Dry (90 min) (P. 19, 25)	<ul style="list-style-type: none"> ● Drying synthetic fibre clothes 	2.0
Maintenance		<ul style="list-style-type: none"> ● Tub drying 	—
	 Tub Hygiene (P. 25)	<ul style="list-style-type: none"> ● Tub cleaning Removing black mould and smell 	—

NOTE

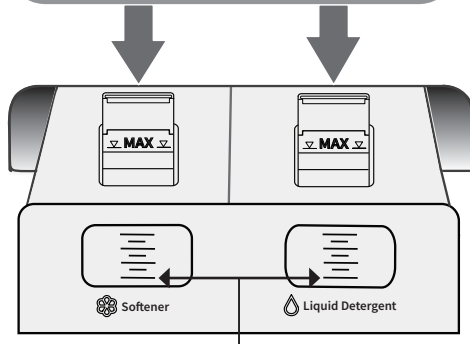
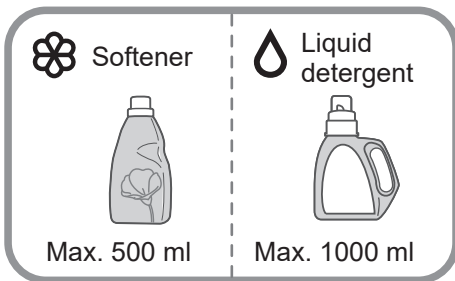
- “Normal” program and “Water Save” program are recommended for a normally soiled load at the rated capacity of this washing machine.

Detergent / Softener / Bleach

- Follow the instructions on each package.
- For cleaning (P. 22)
- Close Auto Dose tank completely before use.
Push the tank until there is a “click” sound.



Auto Dose tank



Add detergent/softener before it drops below the line.

NOTE

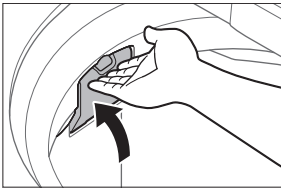
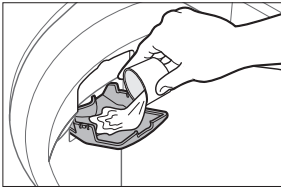
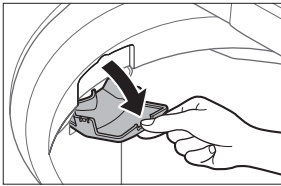
- Liquid detergent/softener left for a long time may clump or solidify. In that case, clean Auto Dose tank. (P. 22)



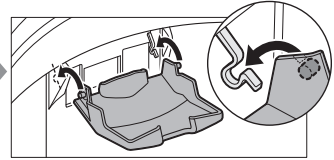
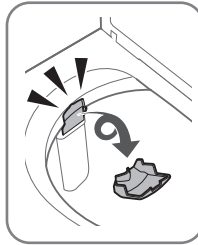
Do not use separated or solidified detergent/softener

For manual dosing

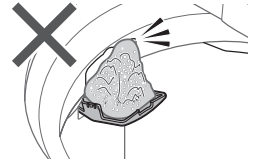
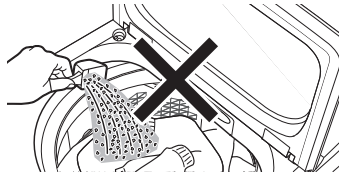
Detergent, Bleach



e.g.) Liquid bleach



Whiten bleach
(chlorine bleach)



- **Do not pour detergent directly into the tub.**
- The level of foaming depends on the load size, soil, detergent, and water hardness.
- Dilute bleach with water before putting it in the detergent/bleach inlet.
- Pour detergent according to water level, follow the instructions on the package.

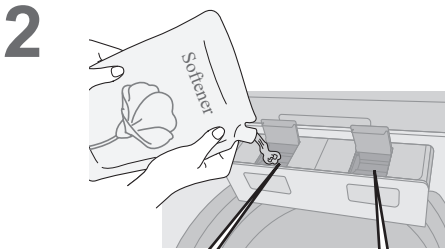
Auto Dose

Detergent and softener will be automatically added depending on the amount of laundry and dose amount setting, available with all programs except “Tub Hygiene”, “Air Dry (90 min)” and “Water Save” (Softener only). (P. 35)

■ To supply detergent / softener



- Press the lock at the bottom of the tank and pull it out.



Softener
Max. 500 ml

Liquid detergent
Max. 1000 ml

- 3 Close Auto Dose tank completely.

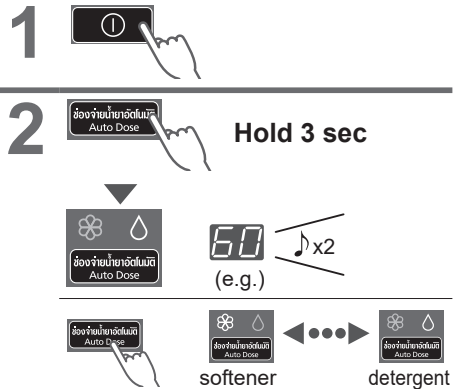
■ To set “Auto Dose” function



■ Standard amount

- Water: 50 L
- Liquid detergent: 25 ml
- Softener: 25 ml

■ To change the dose amount



- 3
- To increase
 - To decrease
 - Range value
 - Detergent: 10 ml - 95 ml
 - Softener: 10 ml - 95 ml
 - Step change: 5 ml
- (The setting is memorized.)



NOTE

- If there is water in the tub before, detergent and softener will not be automatically supplied when washing.

■ Q&A

	Questions	Answers
Detergent/Softener	What cannot be used with “Auto Dose” function?	<p>The following cannot be used:</p> <ul style="list-style-type: none"> ● Powder detergent ● Liquid soap ● Items that do not have a “Estimated amount to use” label on the package ● Bleach ● Powder soap <p>Baking soda cannot be used for manual or auto dosing.</p>
	Changing brand?	<p>Follow the steps below:</p> <ol style="list-style-type: none"> ① Empty the Auto Dose tank and clean it. (P. 22) (Mixing different brands can cause clogging) ② Add new detergent/softener. (P. 14)
	Can I add more before it runs out?	The same brand can be added as it is.
	What is the standard amount for detergent/softener?	<ul style="list-style-type: none"> ● The standard amount is the amount of detergent/softener used per 50 L of water. Check information on the package. ● If there is no information on the package or if you are unsure, contact the manufacturer.
How to use “Auto Dose” function	How many times can the laundry be washed with Auto Dose tank full?	<ul style="list-style-type: none"> ● Detergent and softener: about 40 times <p>The number of times varies depending on the amount of laundry and dose amount setting.</p>
	If you do not set the dose amount?	<ul style="list-style-type: none"> ● The standard amount is <ul style="list-style-type: none"> • 25 ml detergent per 50 L water • 25 ml softener per 50 L water ● If the settings are not appropriate for detergent/softener you are using, stains may not come off or the laundry may darken.
	What happens if put detergent in detergent/bleach inlet while setting “Auto Dose” function?	Because it is put in twice, it will be too much.

Washing Options

Preset

Set how many hours later to finish operation.

1



2



2 min

All other indications turn off.



ผ้าทั่วไป Normal	2 - 24
รวดเร็ว Speedy	1 - 24
ซักบอบผ้า Delicates	-
ผ้าเด็กอ่อน Baby Care	2 - 24
ประหยัดน้ำ Water Save	2 - 24
เครื่องนอน Bedding	-
แช่ผ้า Soak	3 - 24
StainMaster	2 - 24
ปั่นแห้งทรงพลัง Air Dry (90 min)	-
ทำความสะอาดถัง Tub Hygiene	-

■ To confirm



■ To cancel or change



Wash / Rinse / Spin

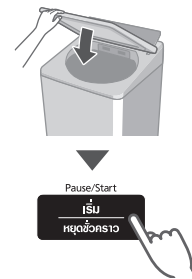
1



2



3



NOTE

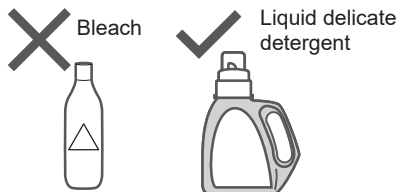
- Not available for "Tangle Care".



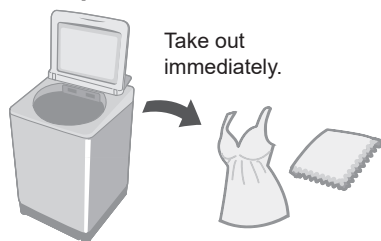
Delicates

65 L	4.2 kg
55 L	3.0 kg

NOTE

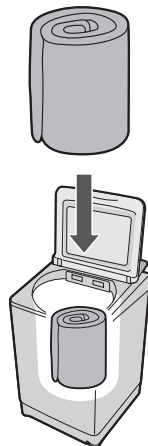


■ After operation ends

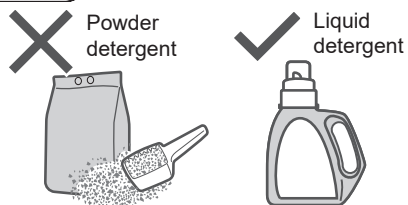


Bedding

Max. water amount	4.2 kg <ul style="list-style-type: none">• 100 % synthetic fibre• 100 % cotton
-------------------	-------------------------------------------------------------------------------------------------------



NOTE



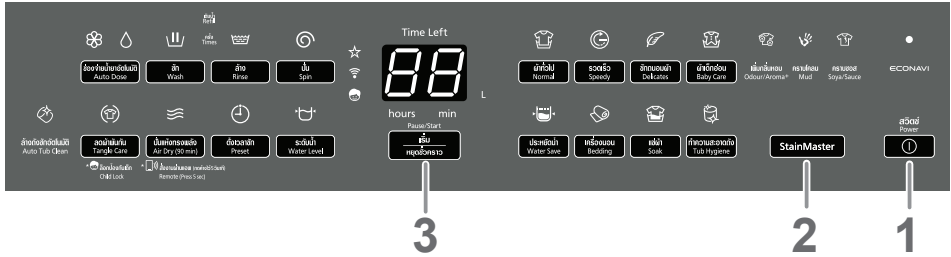
NOTE

- The water amount indication shows the maximum and cannot be changed.

Washing Options (continued)

Stain Master

Preparation: (P. 7)



1



2



■ Timer preset (hours) (P. 16)

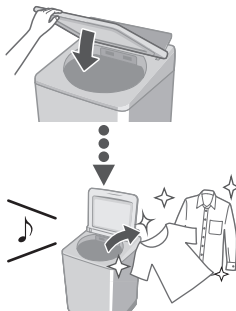
3



4

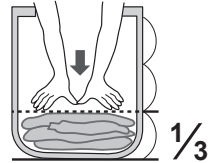


5



NOTE

- Max. capacity (P. 11)



- Max. water amount: 65 L
- You cannot change the wash process setting of this program.

Air Dry (90 min)

The air blown from the tub rotation removes water from clothes.

- Dryable clothes: Synthetic fibre (Max. 2.0 kg)



NOTE

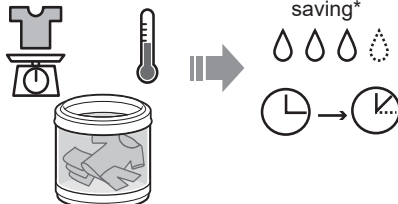
- Clothes may not be sufficiently dried (depends on amount and type of clothes, and the temperature).
- This function does not use a heater. Clothes may be cold and half dry.

ECONAVI

- “Normal” program only

Weight / Temperature

Water and time saving*



Lamp indications



Detecting

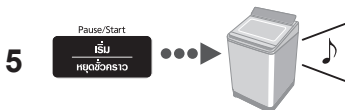
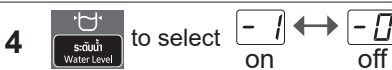


ECONAVI enabled



ECONAVI disabled

To turn on/off



* Test conditions:

- “Normal” program
- Comparison between ECONAVI-enabled operation (amount of laundry: 2.0 kg, water temperature: above 35 °C) and ECONAVI-disabled operation (amount of laundry: 13.5 kg (rated capacity), water temperature: below 15 °C)
- Test was conducted based on IEC60456 except for water temperature.

Convenient Functions

Setting Auto Tub Clean

Preventing black mould, available with all programs except “Water Save” and “Air Dry (90 min)”.

■ Lamp indications



Operating



Function enabled

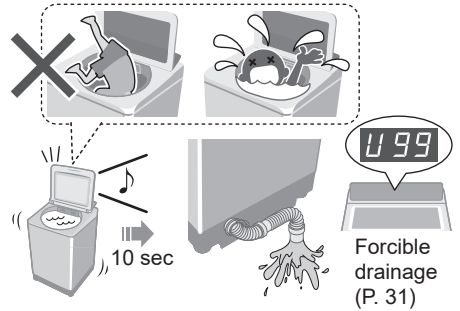


Function disabled

■ To turn on/off

- 1
- 2
- 3 Hold 3 sec
- 4 to select off on
- 5

Setting Child Lock



* This function does not lock the lid and button operations.

- 1
 - 2 Hold 5 sec
- To cancel: same procedure

Cancelling end buzzer

- 1 & Hold 3 sec

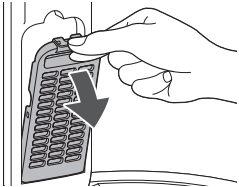
■ To reset: same procedure

Maintenance

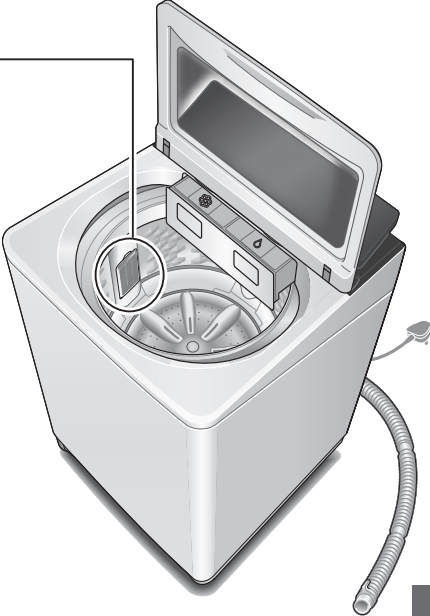
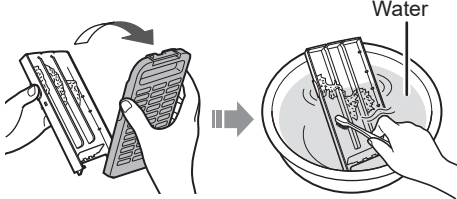
Lint filter

After each operation

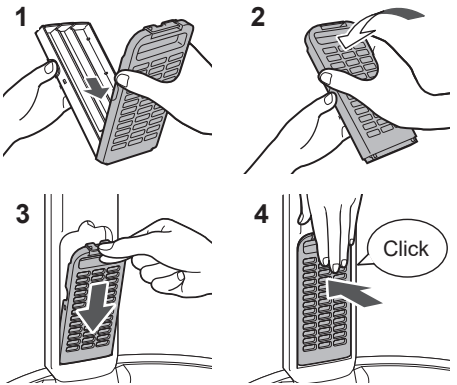
1



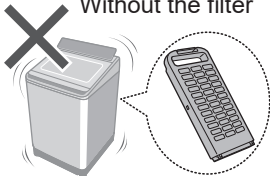
2



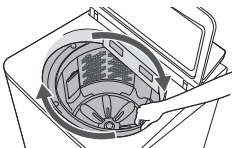
3



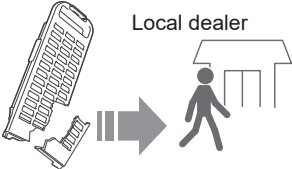
NOTE



If it is difficult to remove the filter



If the filter is broken



Maintenance (continued)

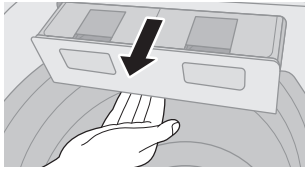
Auto Dose tank

Once every
3 months

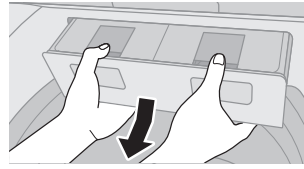
When changing detergent
or softener brand

When not used for
more than 1 month

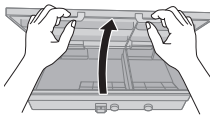
- 1** Take out the tank.
Press the lock at the bottom
of the tank and pull.



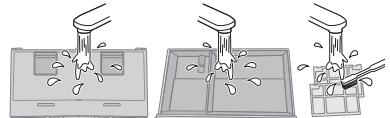
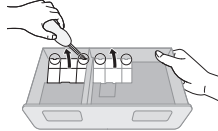
Pull it out diagonally
downward.



- 2** Open the tank lid, remove 2 filters, then wash with water.

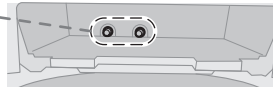


Backside

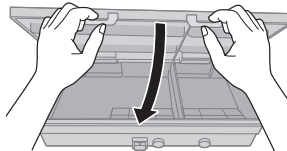
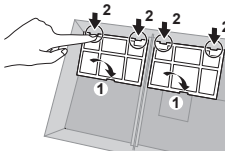


NOTE

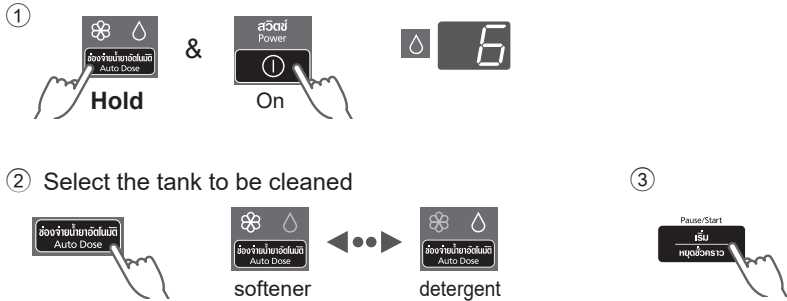
- Do not reuse leftover liquid detergent and softener.
- Do not wipe the joint.
(cause of clogging)



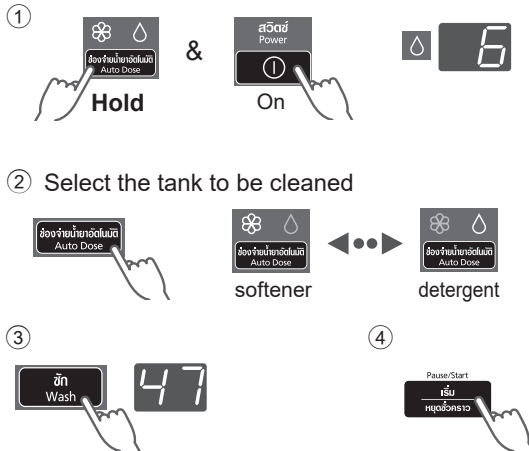
- 3** Attach filters, close the lid and attach the tank.



- 4**
- Fill the tank about halfway with water, then close completely.
 - Close the lid of washing machine and run “Auto Dose Tank Clean” function to clean (6-minute maintenance for detergent and softener each).



- If the joint is clogged, run “Auto Dose Tank Deep Clean” function to deep clean (47-minute maintenance for detergent and softener each).



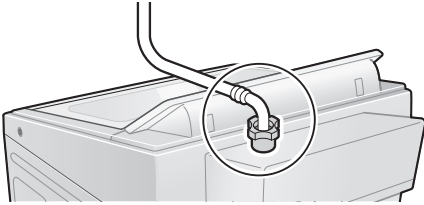
- 5** Take out the tank, discard the remaining water and wipe off the water, then attach the tank.



Maintenance (continued)

Water supply filter

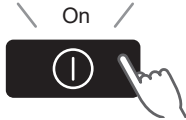
If water does not flow smoothly



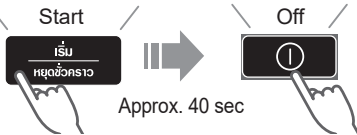
1



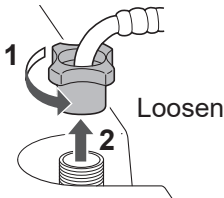
2



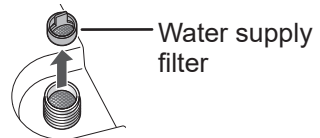
3



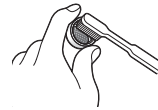
4



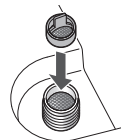
5



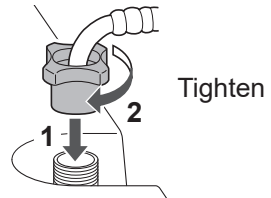
6



7



8

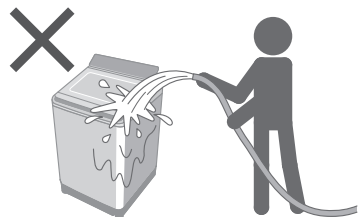


Main unit, lid



For heavy soil

Mild kitchen detergent



Tub

Once a week <Air Dry>

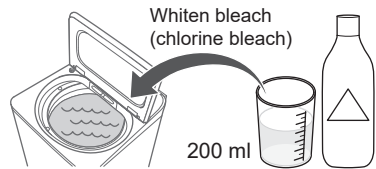


Once a month <Tub Hygiene>

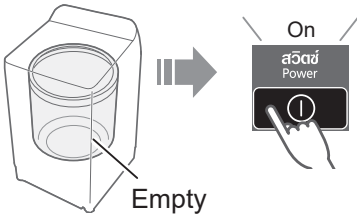
1



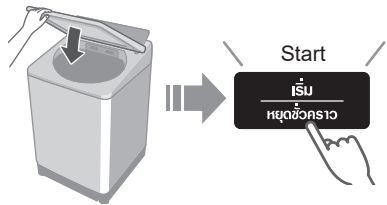
5



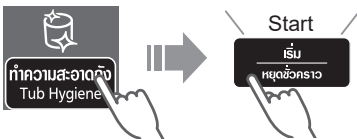
2



6

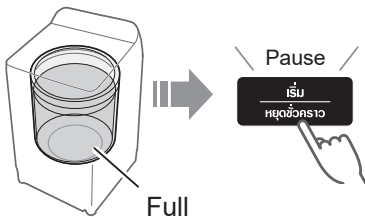


3



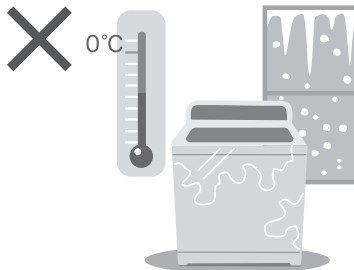
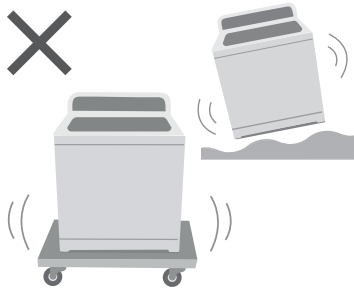
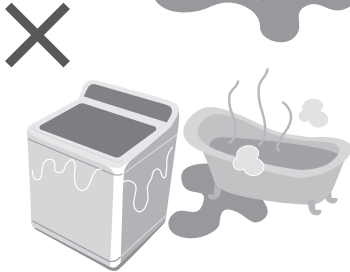
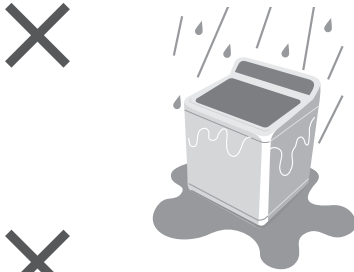
Approx. 2.5 hours

4



Installation

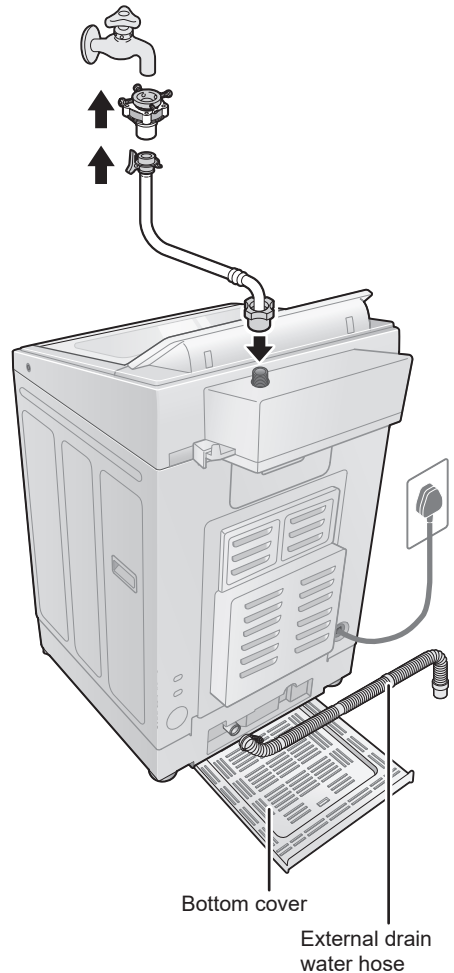
Check the location.



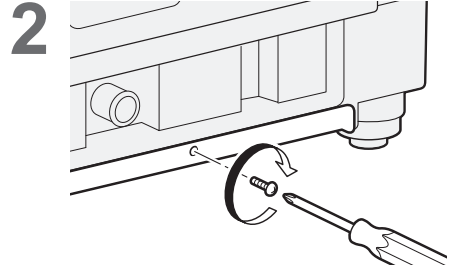
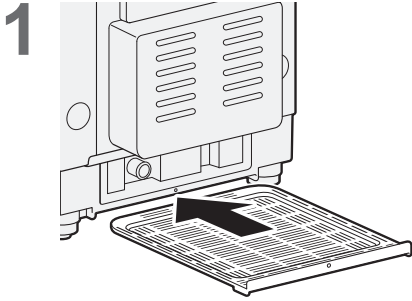
Make sure to ask a service person for installation.



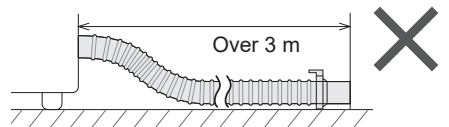
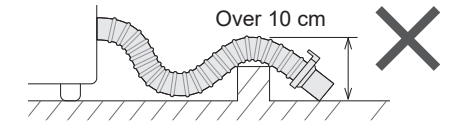
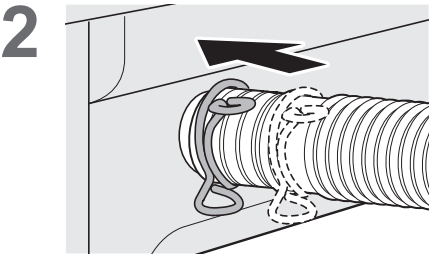
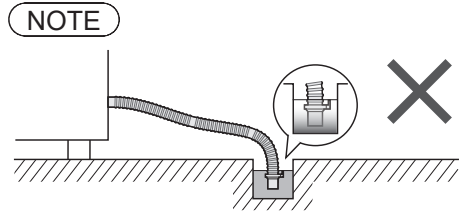
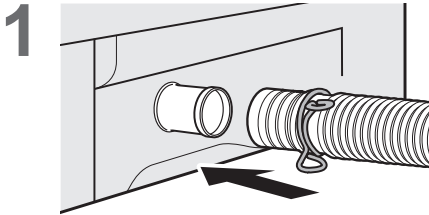
- Do not install by yourself.
- Follow this installation method.
If you do not, Panasonic will not be liable for any accident or damage.



Attach the bottom cover

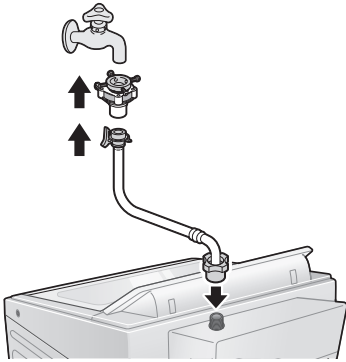


Attach the external drain water hose

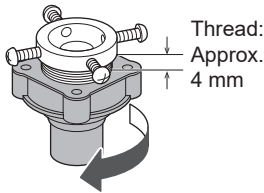


Installation (continued)

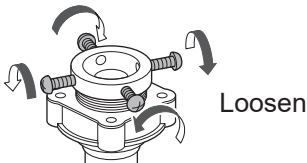
Connect the water supply hose



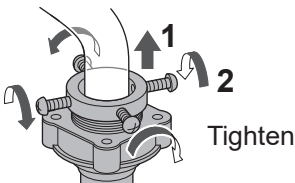
1



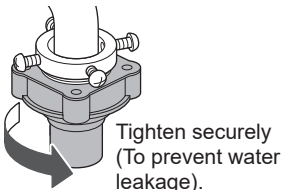
2



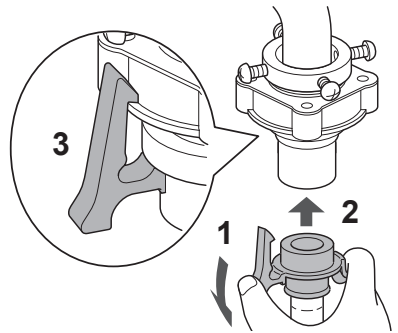
3



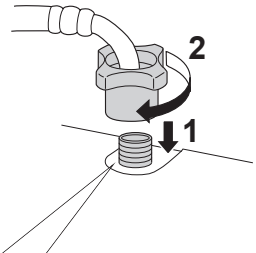
4



5



6



3

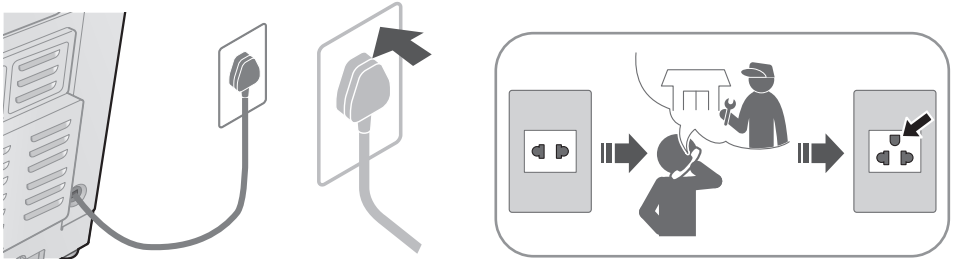
Check that the elbow is not loose.



! CAUTION

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

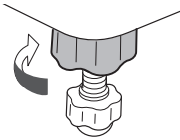
Connect the power plug and grounding



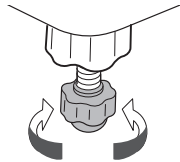
Check that the washing machine is level

■ If the washing machine wobbles

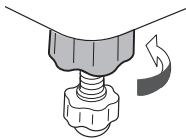
Loosen



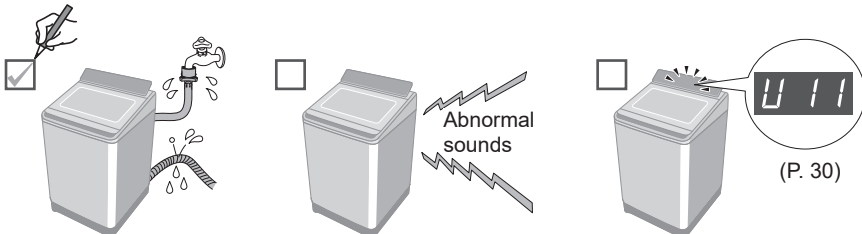
Adjust



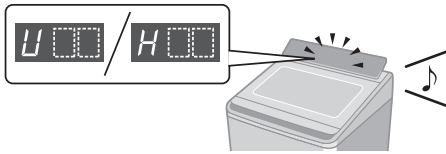
Tighten



Trial operation



Error Display



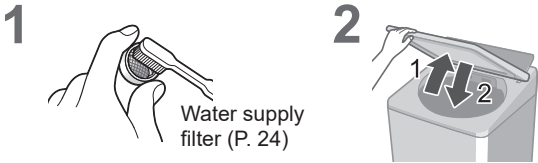
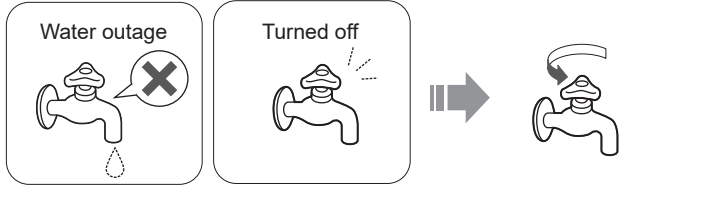
■ Preparation

Cancel Child Lock (P. 20)
if it is set.

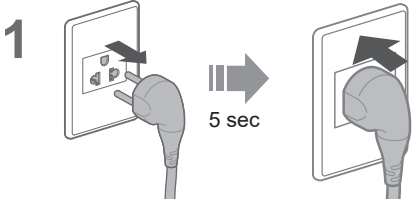
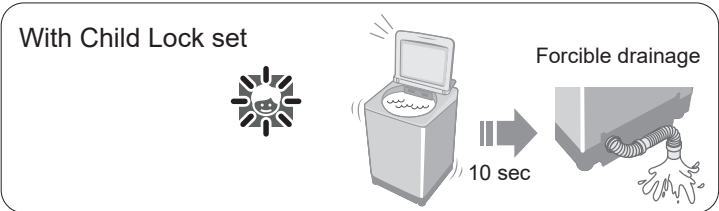
Error Display	Points to be checked
<p>U 11</p> <p>Water cannot drain.</p>	<p>1 Check</p> <p>2</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>✗</p> </div> <div style="text-align: center;"> <p>✗</p> <p>Lint</p> </div> <div style="text-align: center;"> <p>✗</p> </div> </div> <div style="display: flex; justify-content: space-around; margin-top: 10px;"> <div style="text-align: center;"> <p>✗</p> <p>Over 10 cm</p> </div> <div style="text-align: center;"> <p>✗</p> <p>Over 3 m</p> </div> </div>
<p>U 12</p> <p>The lid is open.</p>	<p>1</p>
<p>U 13</p> <p>Spin or "Air Dry" is not possible.</p>	<div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Uneven</p> </div> <div style="text-align: center;"> <p>1 Even</p> </div> <div style="text-align: center;"> <p>2</p> </div> </div> <hr/> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>Unstable or incline</p> </div> <div style="text-align: center;"> <p>1 Stable</p> </div> <div style="text-align: center;"> <p>2</p> </div> </div>

Error Display	Points to be checked
---------------	----------------------

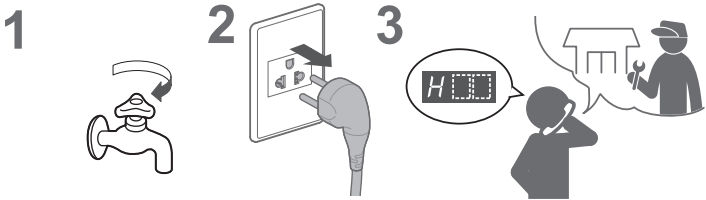
U 14
Water cannot be supplied.










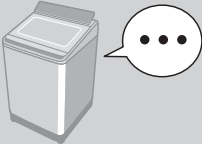


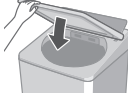










U 99
Water has been forcibly drained.












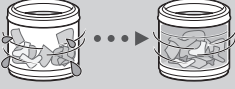
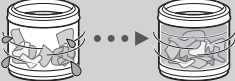




H
Inspection is required.


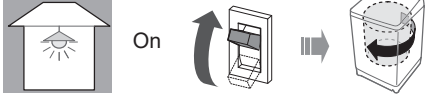






Troubleshooting










	Symptoms	Points to be checked
	<p>Indication increases or does not decrease.</p> 	<p>Time indication is approximate. Remaining time is corrected during operation.</p> 
Time	<p>Longer than the indication.</p> 	<div style="display: flex; justify-content: space-around;"> <div style="border: 1px solid black; padding: 5px; width: 30%;"> <p>When clothes are uneven.</p>  </div> <div style="border: 1px solid black; padding: 5px; width: 30%;"> <p>When the water drainage is not good.</p>  </div> <div style="border: 1px solid black; padding: 5px; width: 30%;"> <p>When the water supply is not good.</p>  </div> </div> <p style="text-align: center;">⇒ The operation time may be longer.</p>
	<p>Operation passes the preset time.</p> 	
Main unit	<p>No operation</p> 	<p>□ Check</p> <ul style="list-style-type: none"> ● Power failure  ● Timer preset  <p>□ Try</p> <ul style="list-style-type: none"> ● Close the lid.  ● Turn on.  ● Insert the power plug completely.  ● Press "Start".  ● Turn breaker on. 
	<p>Cannot change process settings (after start).</p> 	<p>□ Try</p> <ul style="list-style-type: none"> ● During wash process <ol style="list-style-type: none"> 1 Pause  2  3 Start  ● After wash process <ol style="list-style-type: none"> 1 Off  2 On 

	Symptoms	Points to be checked
Wash	Water is supplied while washing. 	When water level drops.  When amount of laundry is large.  ⇒ Water is added automatically.
	The water level too high 	When laundry is wet.  When there is water in the tub before operation.  ⇒ The water level may be higher
	too low 	When clothes are light (synthetic fibre, etc.).  ⇒ The water level may be lower.
Rinse	Operation started with rinse, but water is not supplied. 	When there is no water in the tub.  ⇒ Water is supplied after spin.
		When there is water in the tub.  ⇒ Water is supplied after water discharge and spin.
Spin	Spin changes to rinse.	If clothes are uneven, this appliances automatically corrects unevenness by rinse process. 
	Rinse starts instead of spin. 	
	Irregular rotation 	The tub rotation speed is adjusted to reduce vibration. 


Troubleshooting (continued)

	Symptoms	Points to be checked
Others	<p>Power failure/Breaker off.</p> 	<p>Operation will resume from where it stopped when the power is recovered.</p> 
	<p>StainMaster has no effect.</p> 	<p><input type="checkbox"/> Check <input type="checkbox"/> Try</p> <ul style="list-style-type: none"> ● Max. capacity (P. 11)  ● Pretreatment (P. 7)  ● Select according to the stain type. (P. 11) 

Contents of Programs

Program	Total time ^{*1} (min)	Wash (min)	Rinse (times)	Spin (min)	Auto Dose		
					Detergent	Softener	
 Normal	65	9	2	7	✓	✓	
 Tangle Care	75	13	2	7	✓	✓	
 Speedy	50	3	2	5	✓	✓	
 Delicates	55	9	2	1	✓	✓	
 Baby Care	70	9	2	7	✓	✓	
 Water Save	85	12	4	5	✓	–	
 Bedding	70	12	2	5	✓	✓	
 Soak	130 ^{*2}	71 (Soak 59)	2	7	✓	✓	
Stain Master	Odour/Aroma+	85	13	2	7	✓	✓
	Mud	95	40	2	7	✓	✓
	Soya/Sauce	115 ^{*2}	62 (Soak 29)	2	7	✓	✓
 Tub Hygiene	150 ^{*2}	65 (Soak 62)	2	30	–	–	

*1 Total time is approximate (When the standard water supply rate is 15 L / min and the water temperature is 28 °C).

*2 Remaining time of 99 minutes or less will be displayed.  → 

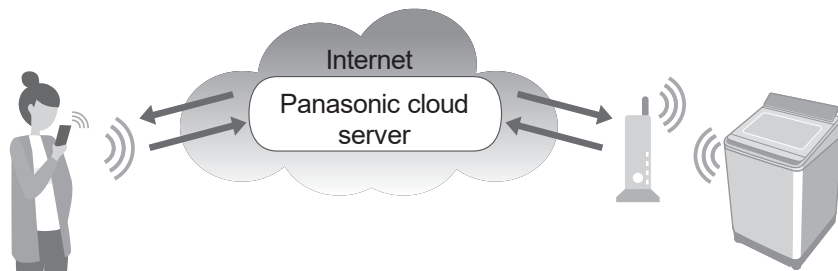
- “Refill”: to fill the tub with water and rinse while supplying water.



Panasonic SmartApp+

More convenient with your smartphone

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

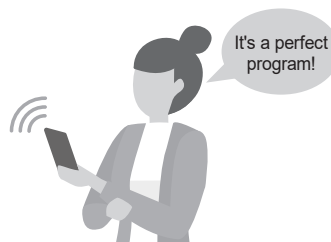


You can operate the washing machine or set the timer with application.

Support program selection from program history.

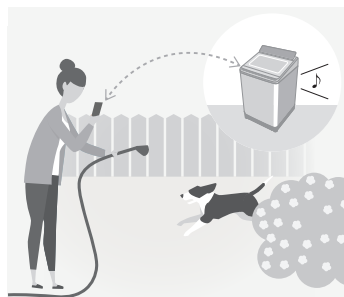
We have “My Favorite” program. You can create original programs with your favorite settings.

- 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.

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



- 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.



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



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.)

Panasonic SmartApp+ (continued)

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. 39)

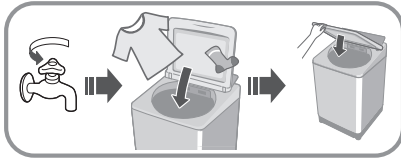
Using the “Panasonic SmartApp+”

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.

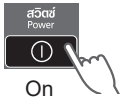
1



NOTE

- Close the lid completely.
- Make sure there is still detergent/softener in Auto Dose tank.

2



3




After 10 min.



All other indications turn off, except:






NOTE

- To cancel the remote control mode → 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 disabled.

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



Panasonic SmartApp+ (continued)

Initializing

- When you stop using the “Panasonic SmartApp+”
- Suspected use due to unauthorized access
- If the appliance is a pre-owned 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.

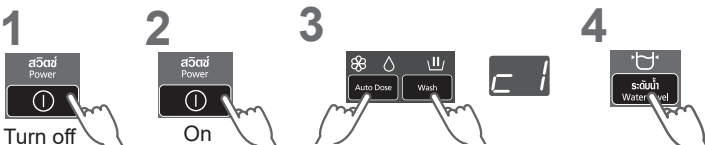
-
- Hold 5 sec.**
-
- Power turns off

When you dispose of or transfer the washing machine

Reset all the contents such as the wireless LAN settings, washing machine settings, operation history, etc. to the state at the time of purchase.
(Full initialization)
(Operate on the washing machine)

- Hold**
-
-
- Power turns off

Error Display

Error display	Causes & Measures
<p>U81</p>	<ul style="list-style-type: none"> ● Failed to connect the washing machine and the wireless LAN router. Check the following. <ul style="list-style-type: none"> • 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. <ul style="list-style-type: none"> →Keep a distance. →Stop using the device or wait a while and try again. • Multiple devices are connected to the router. <ul style="list-style-type: none"> →Turn off the power of the device you are not using.
<p>U82</p>	<ul style="list-style-type: none"> ● Communication error with the server. ● There may be a problem with your internet connection. <ul style="list-style-type: none"> →If you do not know the cause, contact your provider, carrier, or router manufacturer.
<p>U83</p>	<ul style="list-style-type: none"> ● In “Backup connection”, SSID or password of the router is incorrect. <ul style="list-style-type: none"> →Check the description of the router. ● Failed to connect the washing machine and the router. <ul style="list-style-type: none"> →Check the above “U81”.
<p>U84</p>	<ul style="list-style-type: none"> ● “Scan connection” failed. Check the following. <ul style="list-style-type: none"> • 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”.
<p>The app displayed the word like “Cannot communicate with the washing machine.”</p>	<ul style="list-style-type: none"> ● Communicate again after a while, or check the connection status by the following method. <div style="text-align: center;">  <p>Hold 5 sec.</p> </div> <p>→If “U81”, “U82”, etc. are displayed, it is a connection error. Check the above.</p>

Panasonic SmartApp+ (continued)

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. 37) 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.

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Panasonic SmartApp+ (continued)

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

*
*Author: Adam Dunkels <adam@sics.se>

*
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Specifications

Model No.	NA-FD135Z3
Rated voltage	220 - 240 V
Rated frequency	50 Hz
Rated power consumption	480 W
Standard water amount	79 L
Maximum mass of dry cloth	13.5 kg
Product dimensions	639 mm (W) x 719 mm (D) x 1083 mm (H)
Product weight	40 kg
Pressure of tap water	0.01 - 1 MPa

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0.01 - 1 เมตร/1๗๗๗	แรงดันในอากาศ
40 กิโลกรัม	น้ำหนักของเครื่อง
639 มม. (กว้าง) x 719 มม. (ยาว) x 1083 มม. (สูง)	ขนาดของเครื่อง
13.5 กิโลกรัม	น้ำหนักตั้งของผู้ใช้งาน
79 ลิตร	ปริมาณน้ำที่สามารถบรรจุ
480 ลิตร	กำลังไฟฟ้า
50 ลิตร/ชั่วโมง	ความเร็วในการดูด
220 ลิตร	แรงดันไฟฟ้าดูด
NA-FD135Z3	หมายเลขรุ่น

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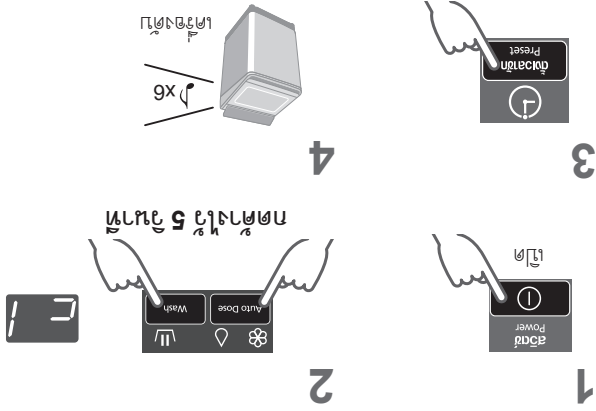
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Panasonic SmartApp+ (ต่อ)

- เมื่อคุณเลือกใช้งาน "Panasonic SmartApp+"
- การใช้งานพื้นฐานอยู่ในการใช้งานพื้นฐาน
- ในแอปพลิเคชันของคุณ
- คุณสามารถเลือกของ

คุณสามารถดูรายละเอียดการใช้งานได้ในคู่มือ (ดูที่หน้า 40)

คุณสามารถดูรายละเอียดการใช้งานได้ในคู่มือ (ดูที่หน้า 40)



หลังจากกดปุ่ม Power แล้ว หน้าจอจะแสดงสถานะการทำงาน

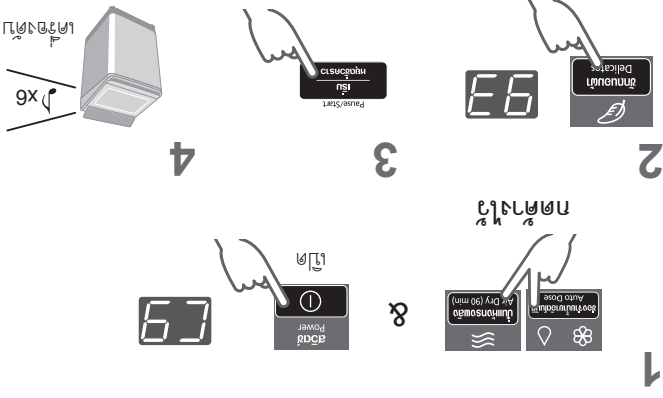
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หลังจากกดปุ่ม Start/Pause แล้ว หน้าจอจะแสดงสถานะการทำงาน

หลังจากปิดประตูแล้ว หน้าจอจะแสดงสถานะการทำงาน

หลังจากกดปุ่ม Power แล้ว หน้าจอจะแสดงสถานะการทำงาน

หลังจากกดปุ่ม Auto Door แล้ว หน้าจอจะแสดงสถานะการทำงาน



หลังจากกดปุ่ม Power แล้ว หน้าจอจะแสดงสถานะการทำงาน

หลังจากกดปุ่ม Delicate แล้ว หน้าจอจะแสดงสถานะการทำงาน

Wi-Fi ชื่อของเครื่องพิมพ์

- ชื่อเครือข่ายไร้สาย (SSID) ของเครื่องพิมพ์
- ชื่อเครือข่ายไร้สาย (SSID) ของเครื่องพิมพ์
- ชื่อเครือข่ายไร้สาย (SSID) ของเครื่องพิมพ์

ขั้นตอนที่ 3: เลือกชื่อเครือข่ายไร้สาย (SSID) ของเครื่องพิมพ์ที่ต้องการเชื่อมต่อ

ขั้นตอนที่ 4: กดปุ่ม [OK] เพื่อเชื่อมต่อ

ขั้นตอนที่ 1: เปิดฝาครอบกระดาษ

ขั้นตอนที่ 2: กดปุ่ม [Power] เพื่อเปิดเครื่อง

ขั้นตอนที่ 3: กดปุ่ม [Wi-Fi] เพื่อเปิดโหมด Wi-Fi

ขั้นตอนที่ 4: กดปุ่ม [OK] เพื่อเชื่อมต่อ

ขั้นตอนที่ 5: กดปุ่ม [Wi-Fi] เพื่อเชื่อมต่อ

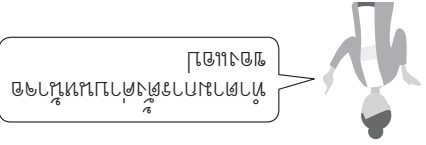
การเชื่อมต่อเครื่องพิมพ์กับโทรศัพท์มือถือ

หลังจากทำการตั้งค่าเริ่มต้นเสร็จสิ้นแล้ว คุณสามารถใช้งานร่วมกับโทรศัพท์มือถือได้

การใช้ "Panasonic SmartApp"

Panasonic SmartApp+ (ต่อ)

การตั้งค่าเริ่มต้น



ติดตั้ง "Panasonic SmartApp+" (ฟรี)

- คุณสามารถหากรหัสที่วางนิ้วของคุณและเปิดพรีวิวแอปจาก "แอปที่ติดตั้ง" ของโทรศัพท์ของคุณที่ <https://www.panasonic.com/fit/wash/>

ดูวิดีโอ Panasonic



- หรือคุณสามารถค้นหาแอป "Panasonic SmartApp+" บน Google Play (Android) หรือ App Store (iOS) และติดตั้งแอป
- คุณสามารถตรวจสอบสถานะการเชื่อมต่อของเครื่องซักผ้าของคุณได้

2

ทำตามคำแนะนำในการเชื่อมต่อแอปของเครื่องซักผ้าของคุณ

- ดาวน์โหลดแอปจาก Google Play หรือ App Store
- อนุญาตให้แอปเข้าถึงข้อมูลตำแหน่งของคุณ

ดูวิดีโอ (หน้า 39)



การเชื่อมต่ออินเทอร์เน็ต

- ระบบปฏิบัติการ Android หรือ iOS (iPhone)
- เครื่องรับสัญญาณทีวี

<https://www.panasonic.com/riotwash/>

เว็บไซต์ Panasonic

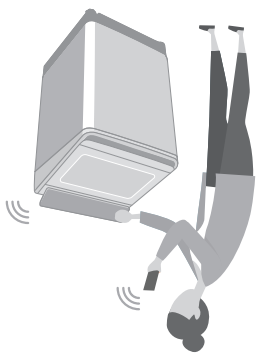


การเชื่อมต่ออินเทอร์เน็ต

ประเภท (FTTH) (ไฟเบอร์ออปติก), ADSL, CATV (เคเบิลทีวี) เป็นต้น

ลักษณะเป็นตู้หรือตู้แขวน

สามารถใช้งานได้ทั้งในและนอกบ้าน



■ การเชื่อมต่ออินเทอร์เน็ต

ใช้การเชื่อมต่ออินเทอร์เน็ต

ใช้การเชื่อมต่ออินเทอร์เน็ต

หมายเหตุ

- ตรวจสอบให้แน่ใจว่าเชื่อมต่อและเสียบปลั๊กไฟ

ขนาดความถี่วิทยุที่ใช้งานได้ 2.4 GHz

(มาตรฐานการเชื่อมต่อ: IEEE802.11b,

IEEE802.11g, IEEE802.11n)

ไม่สามารถใช้งานได้หากติดตั้งในตู้

ไม่สามารถใช้งานได้หากติดตั้งในตู้

โปรดใช้การเชื่อมต่ออินเทอร์เน็ต

การเชื่อมต่ออินเทอร์เน็ต

ความปลอดภัย

เราขอแนะนำวิธีการเข้ารหัส WPA3 และ WPA2 (AES)

เราขอแนะนำให้ใช้การเชื่อมต่ออินเทอร์เน็ต

ใช้พลังงาน



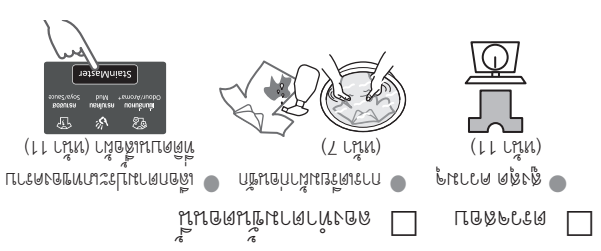

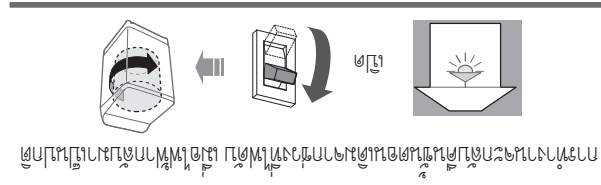
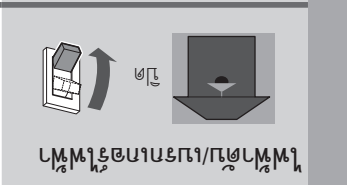
ក្នុងតារាងខាងក្រោមនេះ គេបានរាយនាមនូវធាតុគីមីដែលមាននៅក្នុងសំណាកស្រូវ និងសំណាកស្រូវដែលបានកែច្នៃ តាមលំដាប់លំដោយ។

២. តារាងខាងក្រោមនេះ គឺជាការបង្ហាញពីលទ្ធផលនៃការវាយតម្លៃគុណភាពសំណាកស្រូវ និងសំណាកស្រូវដែលបានកែច្នៃ តាមលំដាប់លំដោយ។

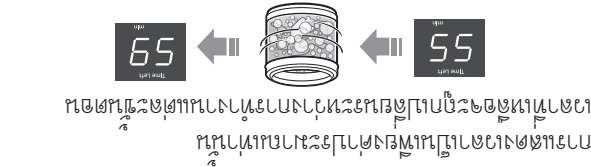
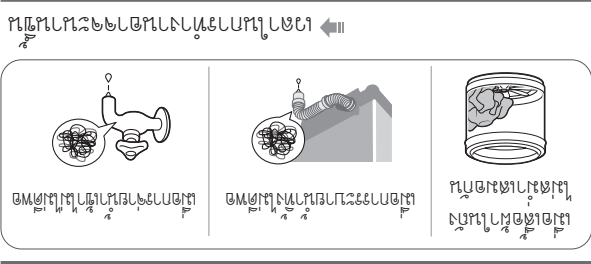
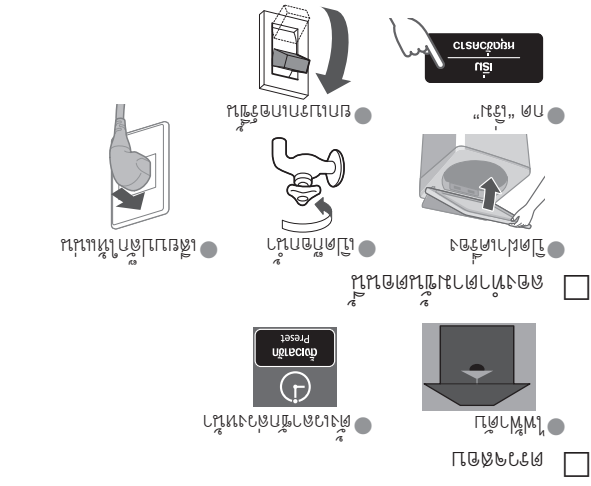
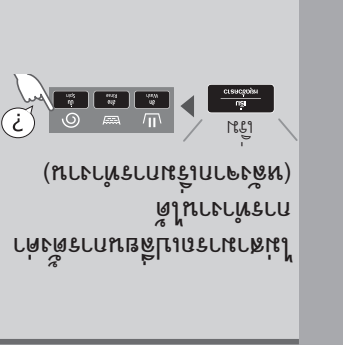
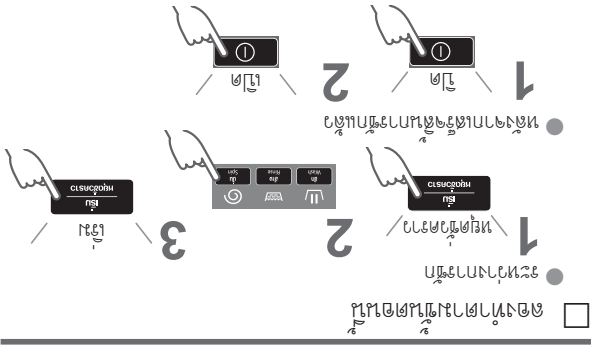
១. តារាងខាងក្រោមនេះ គឺជាការបង្ហាញពីលទ្ធផលនៃការវាយតម្លៃគុណភាពសំណាកស្រូវ និងសំណាកស្រូវដែលបានកែច្នៃ តាមលំដាប់លំដោយ។

ធាតុគីមី	សំណាកស្រូវ	សំណាកស្រូវដែលបានកែច្នៃ	លទ្ធផល	តម្លៃ	តម្លៃ	តម្លៃ	តម្លៃ
កាបូន	—	—	2	65 (៧៩ 62)	150 ²	វាគ្មានធាតុគីមីនោះទេ	
Stain Master	↗	↗	2	62 (៧៩ 29)	115 ²	គ្មានធាតុគីមីនោះទេ	
	↗	↗	2	40	95	គ្មានធាតុគីមីនោះទេ	
	↗	↗	2	13	85	គ្មានធាតុគីមីនោះទេ	
អ៊ីរ៉ុង	↗	↗	2	71 (៧៩ 59)	130 ²	គ្មានធាតុគីមីនោះទេ	
គ្រូមីយ៉ូម	↗	↗	2	12	70	គ្មានធាតុគីមីនោះទេ	
ប្រូតេអ៊ីន	—	↗	4	12	85	គ្មានធាតុគីមីនោះទេ	
ផូស្វ័រ	↗	↗	2	9	70	គ្មានធាតុគីមីនោះទេ	
ម៉ាញ៉េស្យូម	↗	↗	2	9	55	គ្មានធាតុគីមីនោះទេ	
ក្លរូ	↗	↗	2	3	50	គ្មានធាតុគីមីនោះទេ	
ស៊ុល្វ័រ	↗	↗	2	13	75	គ្មានធាតុគីមីនោះទេ	
ស៊ីនិក	↗	↗	2	9	65	គ្មានធាតុគីមីនោះទេ	
ស៊ីនិក	ស៊ីនិក	ស៊ីនិក	ស៊ីនិក	ស៊ីនិក	ស៊ីនិក	ស៊ីនិក	ស៊ីនិក

តារាងលទ្ធផលនៃការវាយតម្លៃគុណភាពសំណាកស្រូវ និងសំណាកស្រូវដែលបានកែច្នៃ

 <p>StainMaster</p> <p>11 หน้า (11) • 7 หน้า (7) • 11 หน้า (11)</p> <p>● การเตรียมผ้าก่อนซัก ● ● ใช้น้ำล้างในขั้นตอนนี้</p>	 <p>StainMaster</p> <p>11 หน้า (11)</p>
 <p>11 หน้า (11)</p>	 <p>11 หน้า (11)</p>
<p>11 หน้า (11)</p>	<p>11 หน้า (11)</p>

การแก้ปัญหาแบบอื่นๆ (๒) (๒)



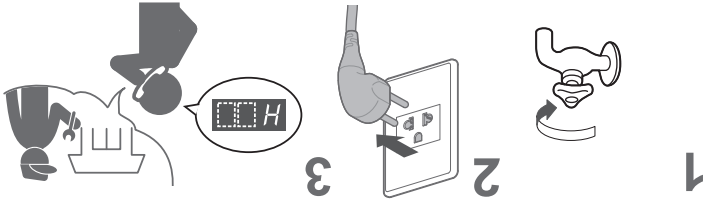
ប្រព័ន្ធសម្អាតស្វ័យប្រវត្តិ

ឧបករណ៍

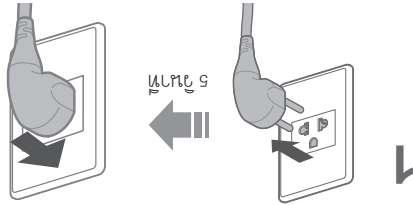
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ការដំឡើង

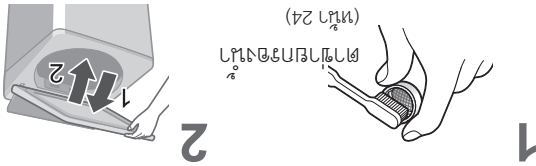
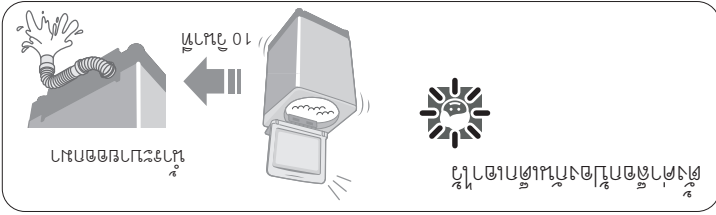
កម្រិតសម្អាត



រូបភាពទី១
ដំឡើងប្រតិបត្តិការ



រូបភាពទី២
ដំឡើងប្រតិបត្តិការ

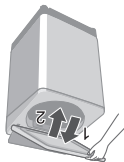


រូបភាពទី៣
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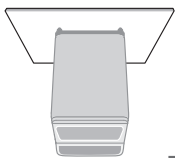


រូបភាពទី៤
ដំឡើងប្រតិបត្តិការ

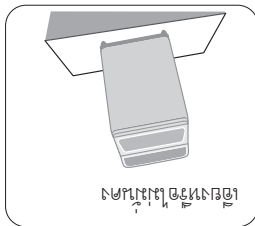
រូបភាពទី៥
ដំឡើងប្រតិបត្តិការ



1



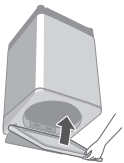
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1

การล้างเครื่องซักผ้า
ให้สะอาดและประหยัดน้ำ

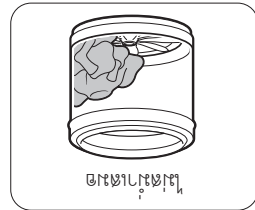
E1 A



1



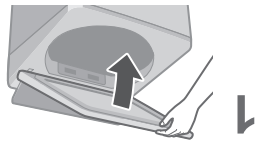
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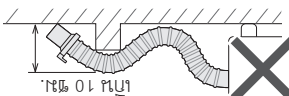
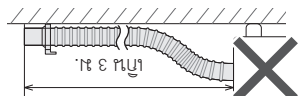
1

ปริมาณน้ำที่ใส่มากเกินไป

21 A

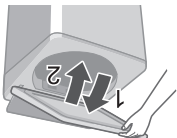


1



การติดตั้งท่อระบายน้ำ
ที่ไม่ถูกต้อง

11 A



1

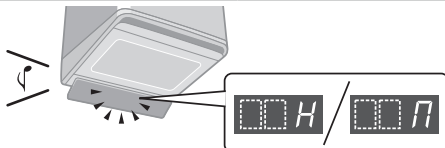


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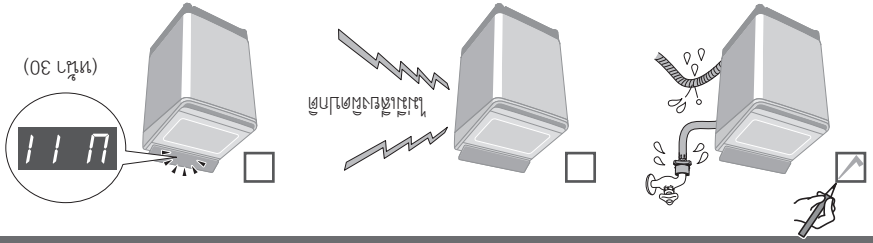
การทำความสะอาดตู้

การทำความสะอาดตู้

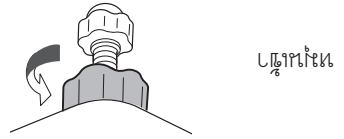
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ให้สะอาดและประหยัดน้ำ
(หน้า 20) ของคู่มือ



การทำความสะอาดตู้

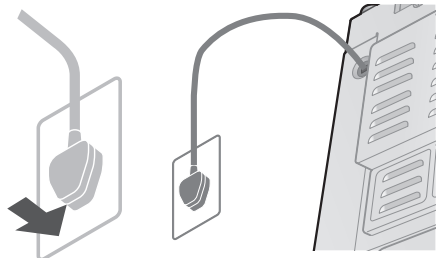
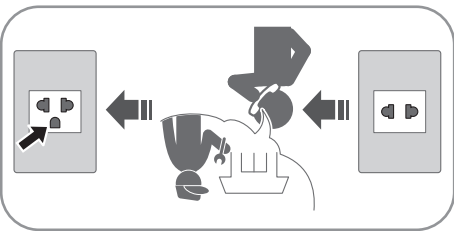


វិធីសាស្ត្រដោតប្រើប្រាស់



វិធីសាស្ត្រដោតប្រើប្រាស់បន្ថែម

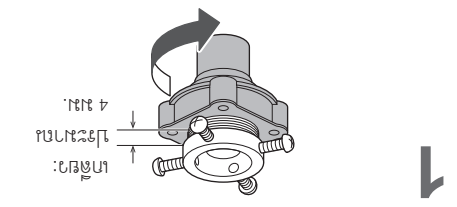
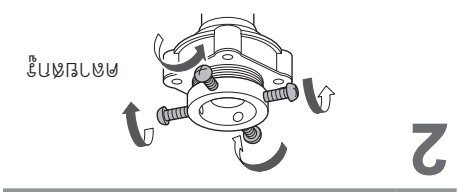
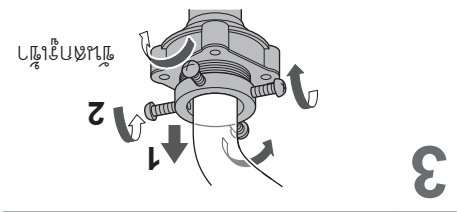
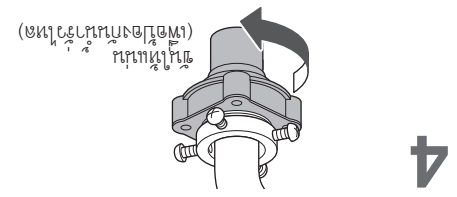
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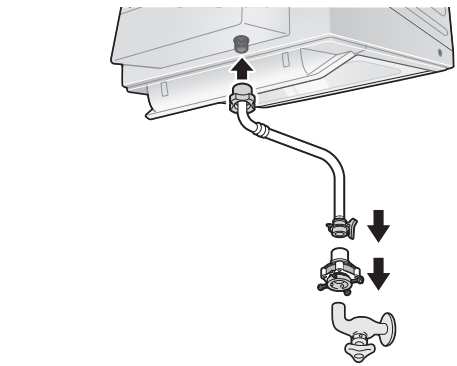
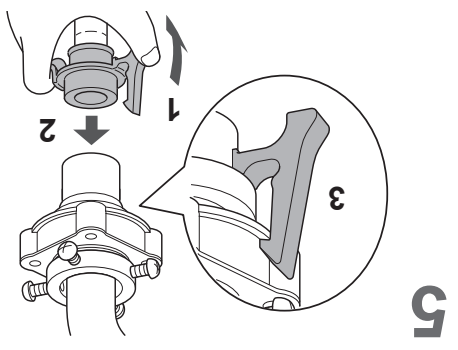
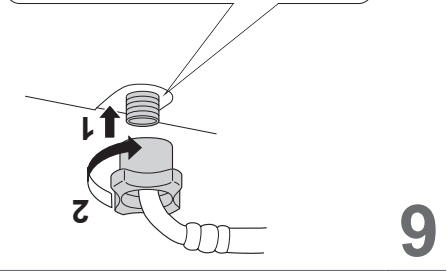
វិធីសាស្ត្រដោតប្រើប្រាស់បន្ថែម

● ត្រូវប្រើប្រាស់ប្រព័ន្ធបណ្តាញបំបាត់ទឹកស្អាត
 ● ត្រូវប្រើប្រាស់ប្រព័ន្ធបណ្តាញបំបាត់ទឹកស្អាត

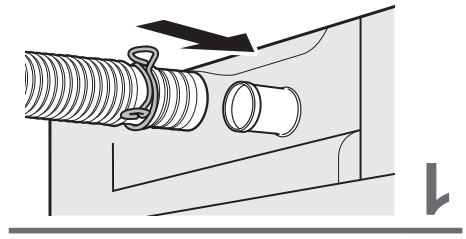
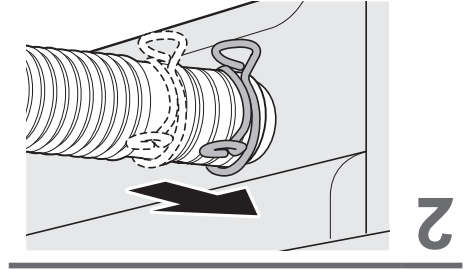
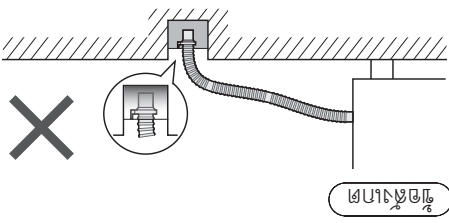
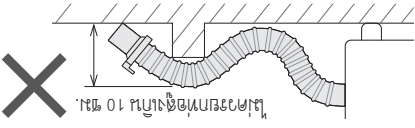
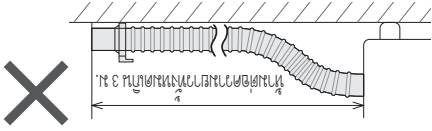
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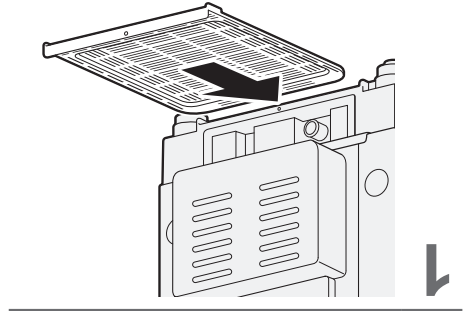
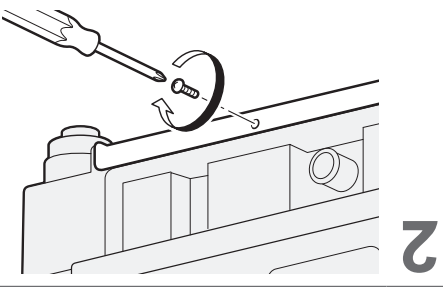
3 ត្រូវប្រើប្រាស់ប្រព័ន្ធបណ្តាញបំបាត់ទឹកស្អាត
 អន្តរាគមន៍



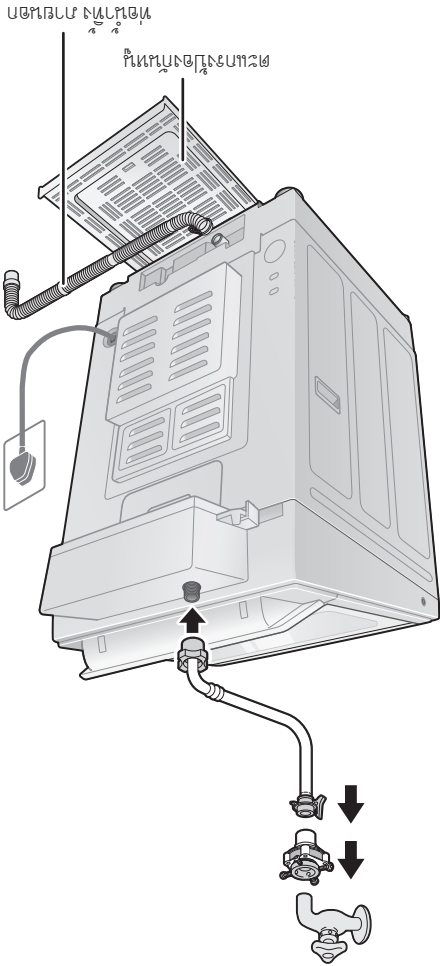
ប្រព័ន្ធបណ្តាញបំបាត់ទឹកស្អាត



ติดตั้งท่อในกำแพงนอก



ติดตั้งและกรงกั้นผนัง



ห้ามใช้น้ำร้อนหรืออุณหภูมิสูงเกินไปในการซักผ้า
 ไม่ควรใช้ผงซักฟอกชนิดผงหรือน้ำยาล้างจาน
 ห้ามใช้สารฟอกขาวหรือสารกัดกร่อน
 ห้ามใช้สารเคมีอันตราย



ห้ามใช้น้ำร้อนหรือน้ำอุณหภูมิสูงเกินไปในการซักผ้า

ห้ามใช้น้ำเย็นหรือน้ำอุณหภูมิสูงเกินไปในการซักผ้า

ห้ามใช้น้ำร้อนหรือน้ำอุณหภูมิสูงเกินไปในการซักผ้า

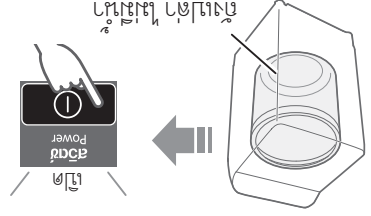
ห้ามใช้น้ำร้อนหรือน้ำอุณหภูมิสูงเกินไปในการซักผ้า

ห้ามใช้น้ำร้อนหรือน้ำอุณหภูมิสูงเกินไปในการซักผ้า

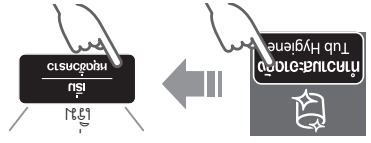
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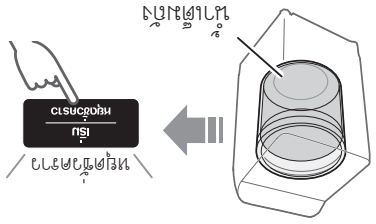
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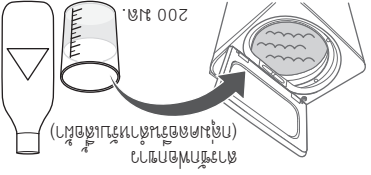
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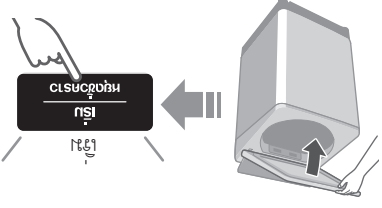
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5



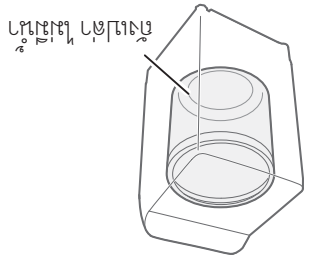
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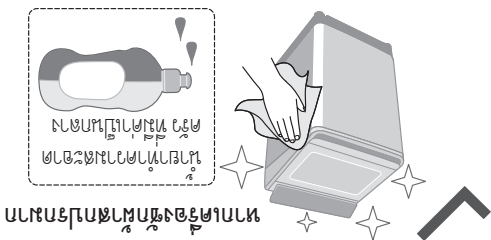
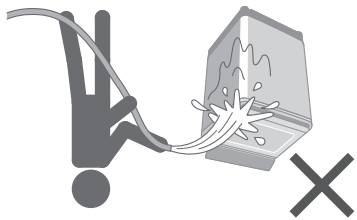


เปิดช่องใส่ผงซักฟอก

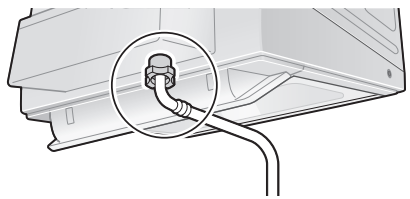
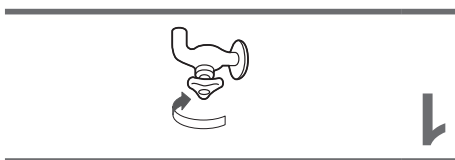
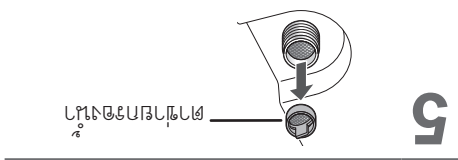
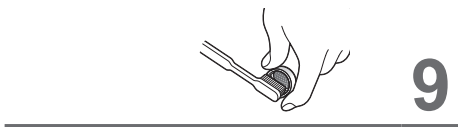
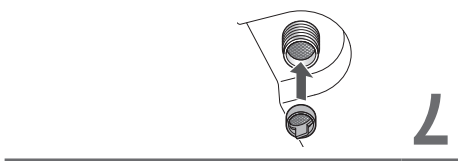
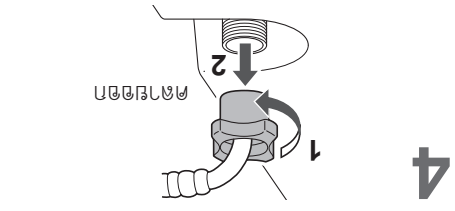
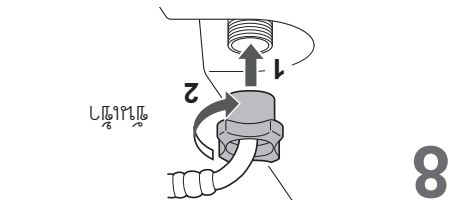
ใส่ผงซักฟอก

ปุ่มเลือก



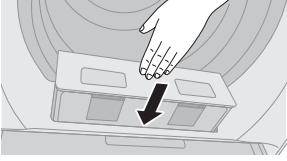


ทำความสะอาด / 5 ขั้นตอน



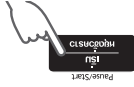
ทำความสะอาดพื้นที่ที่หกทันที

ทำความสะอาด



5 ให้นำผงซักฟอกใส่ลงในช่องใส่ผงซักฟอกตามภาพที่แสดง

5



4



3

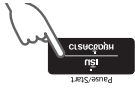


2 ให้ออกฟังก์ชันที่แสดงตามภาพ



1

● หากต้องการปรับฟังก์ชัน "Auto Dose" ให้กดปุ่ม "Auto Dose" (ปุ่มปรับอัตโนมัติ) บนแผงควบคุมของเครื่องซักผ้า (ภาพที่ 47 หน้า 23)



3



2 ให้ออกฟังก์ชันที่แสดงตามภาพ

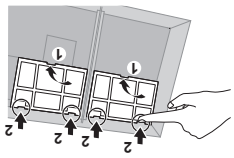
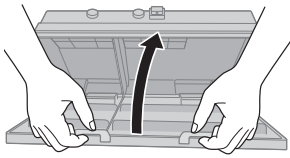
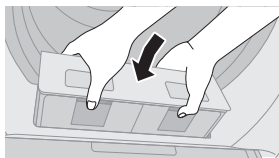


1

● หากต้องการปรับฟังก์ชัน "Auto Dose" ให้กดปุ่ม "Auto Dose" (ปุ่มปรับอัตโนมัติ) บนแผงควบคุมของเครื่องซักผ้า (ภาพที่ 48 หน้า 23)

● หากต้องการปรับฟังก์ชัน "Auto Dose" ให้กดปุ่ม "Auto Dose" (ปุ่มปรับอัตโนมัติ) บนแผงควบคุมของเครื่องซักผ้า (ภาพที่ 49 หน้า 23)

4



ស្រោចទឹកស្អាតប្រើប្រាស់ប្រចាំថ្ងៃ

3

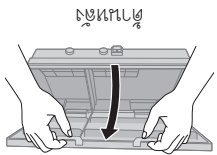
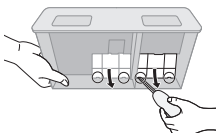
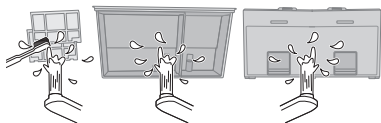


(ស្រោចទឹកស្អាតប្រើប្រាស់ប្រចាំថ្ងៃ)

● ចាប់ផ្តើមស្រោចទឹក

● បញ្ចប់ស្រោចទឹកស្អាតប្រើប្រាស់ប្រចាំថ្ងៃ

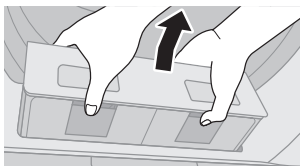
បញ្ចប់ស្រោចទឹក



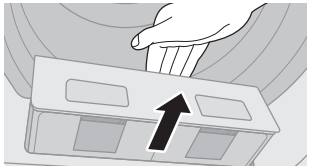
ស្រោចទឹក

ស្រោចទឹកស្អាតប្រើប្រាស់ប្រចាំថ្ងៃ ២ មុនពេលប្រើប្រាស់ប្រចាំថ្ងៃ

2



ស្រោចទឹកស្អាតប្រើប្រាស់ប្រចាំថ្ងៃ



បញ្ចប់ស្រោចទឹកស្អាតប្រើប្រាស់ប្រចាំថ្ងៃ

បញ្ចប់ស្រោចទឹក

1

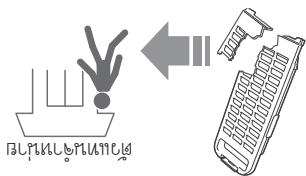
កម្រិត ១
ស្រោចទឹកស្អាតប្រើប្រាស់ប្រចាំថ្ងៃ

កម្រិត ២
ចាប់ផ្តើមស្រោចទឹកស្អាតប្រើប្រាស់ប្រចាំថ្ងៃ

កម្រិត ៣ បិទ

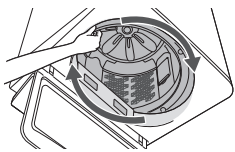
ស្រោចទឹកស្អាតប្រើប្រាស់ប្រចាំថ្ងៃ

(៣) ស្រោចទឹកស្អាតប្រើប្រាស់ប្រចាំថ្ងៃ

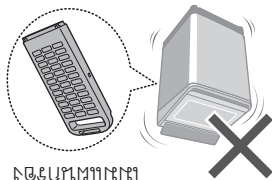


မိလိက်ထိပါက

မိလိက်ထိပါက ဝါယာကြိုးများကို ထိစေခြင်းဖြင့် ဝါယာကြိုးများ ပျက်စီးနိုင်ပါသည်။

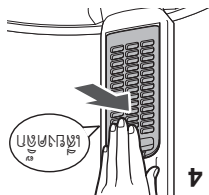


ဝါယာကြိုးများကို ဝါယာကြိုးများထိစေခြင်းဖြင့်



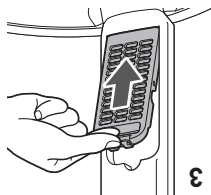
ဝါယာကြိုးများကို

မိလိက်ထိပါက



မိလိက်ထိပါက

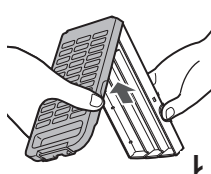
4



3

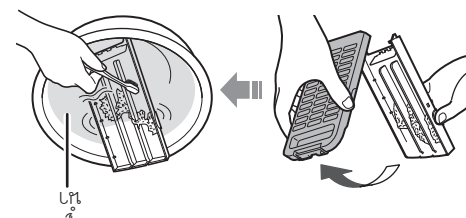


2

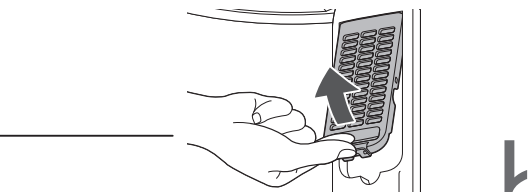


1

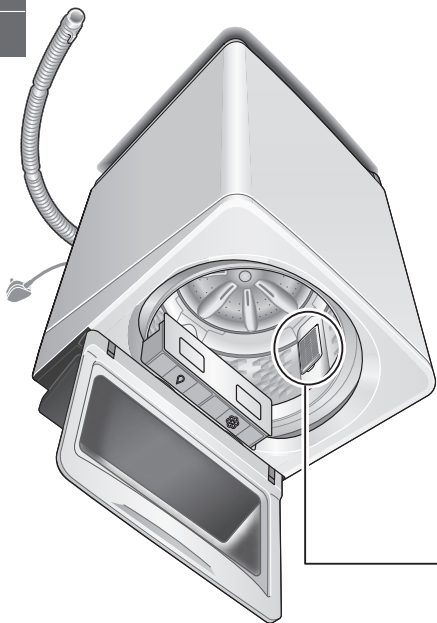
3



2



1



မိလိက်ထိပါက ဝါယာကြိုးများကို ထိစေခြင်းဖြင့်

ဝါယာကြိုးများ ပျက်စီးနိုင်ပါသည်။

မိလိက်ထိပါက

คู่มือการใช้งาน

การตั้งค่าการล้างตู้กรองน้ำอัตโนมัติ

เพื่อป้องกันกลิ่นเหม็นและรสชาติที่ไม่ดีในน้ำดื่ม การล้างตู้กรองน้ำอัตโนมัติเป็นสิ่งที่จำเป็น การตั้งค่าการล้างตู้กรองน้ำอัตโนมัติสามารถทำได้โดยทำตามขั้นตอนต่อไปนี้

น้ำดื่มที่สะอาดและปลอดภัย



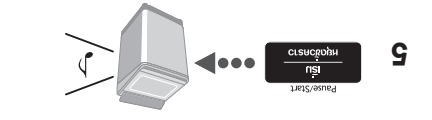
เปิดใช้งานฟังก์ชัน



ปิดใช้งานฟังก์ชัน



เปิด/ปิด

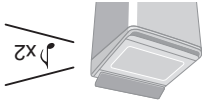


การปรับอุณหภูมิของน้ำดื่มให้เหมาะสม

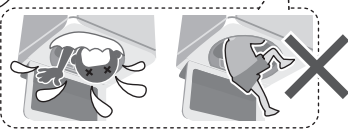


การตั้งค่าอุณหภูมิ:

ปรับอุณหภูมิของน้ำดื่มตามความต้องการ: \nearrow x4



การตั้งค่าการล้างตู้กรองน้ำอัตโนมัติ



* ฟังก์ชันนี้ใช้ในกรณีที่ตู้กรองน้ำมีการแจ้งเตือนการล้างตู้กรองน้ำอัตโนมัติ

ไม่ต่าง



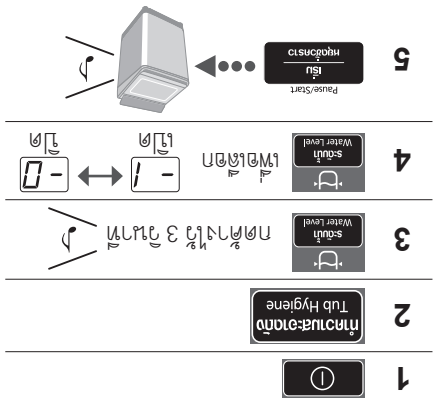
กดค้างไว้ 5 วินาที



ยกเลิกการตั้งค่า: ปรับตามอุณหภูมิเดียวกัน



- การทดสอบการซักผ้าแบบ ECO ในโหมด ECO (อุณหภูมิ: 13.5 °C) ใช้เวลาประมาณ 13.5 ชั่วโมง
- การซักผ้าแบบ ECO ในโหมด ECO (อุณหภูมิ: 13.5 °C) ใช้เวลาประมาณ 13.5 ชั่วโมง
- การซักผ้าแบบ ECO ในโหมด ECO (อุณหภูมิ: 13.5 °C) ใช้เวลาประมาณ 13.5 ชั่วโมง



■ To turn on/off

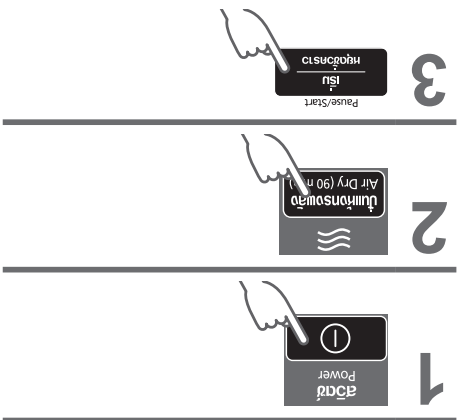


■ ไฟสัญญาณบ่งชี้



เปิดใช้งาน ECONAVI

- ผู้ใช้อาจจะสังเกตเห็น (หรือได้ยิน) เสียงที่ผิดปกติจากการทำงานของเครื่องซักผ้า
- ฟังก์ชันการซักผ้าแบบ ECO จะใช้พลังงานน้อยกว่าการซักผ้าแบบปกติ



- ผู้ใช้สามารถปรับอุณหภูมิการซักผ้าได้ (อุณหภูมิ: 2.0 °C)

ปิดใช้งานการพอง (90 นาที)

คู่มือการใช้งาน (ต่อ)

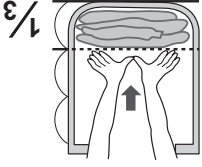
Stain Master

การตั้งโปรแกรมการซัก: (หน้า 7)



ข้อสังเกต

• ตั้งชุดความจุ (หน้า 11)



- ปริมาณน้ำใช้สูงสุด: 65 ลิตร
- ปริมาณน้ำใช้ต่ำสุด: 16 ลิตร
- โปรแกรมการซักแบบประหยัดน้ำ
- โปรแกรมการซักแบบประหยัดน้ำ



5



4



3

การตั้งเวลาซักสูงสุด (หน้า 16)

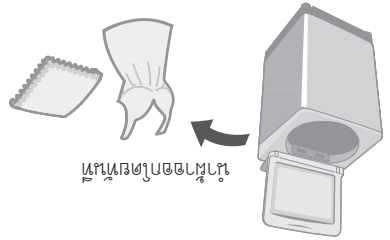
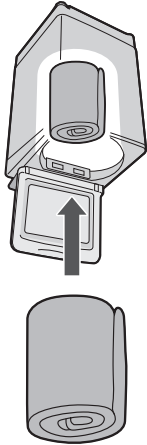
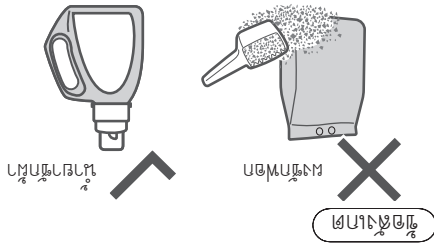


2



1

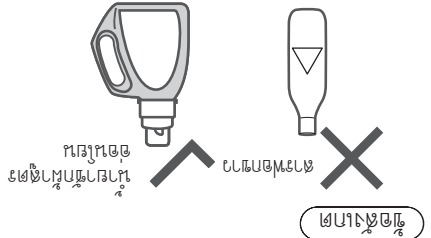
គ្រឿងបរិក្ខារប្រើប្រាស់
 ត្រូវតែដាក់ទៅក្នុងធុងប្រើប្រាស់ត្រឹមត្រូវ



ក្រដាសប្រើប្រាស់ត្រឹមត្រូវ

<ul style="list-style-type: none"> • ផ្ទៃ 100 % • ផ្ទៃប្រើប្រាស់ 100 % 	<p>ប្រើប្រាស់</p> <p>ផ្ទៃ</p>
------------------------------------------------------------------------------------------------	-------------------------------

គ្រឿងបរិក្ខារប្រើប្រាស់



65 លីត្រ	4.2 កក.
55 លីត្រ	3.0 កក.

គ្រឿងបរិក្ខារប្រើប្រាស់

การตั้งค่าการซักผ้า

การตั้งค่าการซักผ้า

การตั้งค่าการซักผ้าสามารถทำได้โดยกดปุ่มเลือกการซักผ้าที่ต้องการ

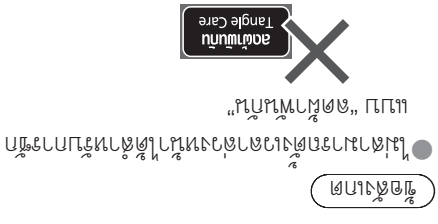
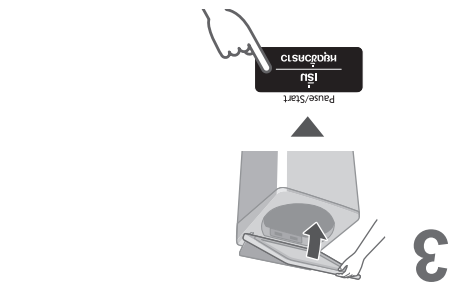
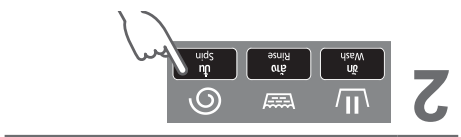


ปกติ	2 - 24 ชั่วโมง	Normal
SoSoft	1 - 24 ชั่วโมง	SoSoft
ผ้าขนหนู	-	Towels
ผ้าเช็ดตัว	2 - 24 ชั่วโมง	Bed Linen
ผ้าปูที่นอน	2 - 24 ชั่วโมง	Bedding
ผ้าเช็ดตัว	2 - 24 ชั่วโมง	Water Save
ผ้าเช็ดตัว	2 - 24 ชั่วโมง	Baby Care
ผ้าเช็ดตัว	2 - 24 ชั่วโมง	StainMaster
Soak	3 - 24 ชั่วโมง	Soak
ผ้าเช็ดตัว	2 - 24 ชั่วโมง	Air Dry (90 min)
ทำความสะอาด	-	Tub Hygiene



การตั้งค่าการซักผ้า

การตั้งค่าการซักผ้าสามารถทำได้โดยกดปุ่มเลือกการซักผ้าที่ต้องการ

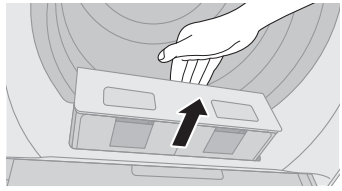


ซัก / ใส / ใส

การตั้งค่าการใช้งาน

การตั้งค่าการใช้งานสามารถทำได้โดยกดปุ่ม "Auto Dose" บนหน้าจอแสดงผลของเครื่องซักผ้า และเลือกโหมดที่ต้องการใช้งาน

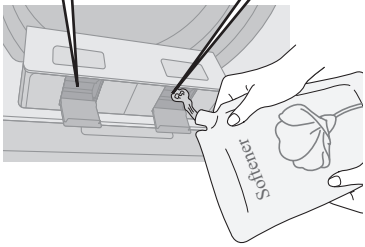
การตั้งค่าปริมาณน้ำยา



1

กดปุ่มที่หน้าจอแสดงผลของเครื่องซักผ้า

2



3

โปรดตั้งของอย่างง่ายในช่องใส่ผงซักฟอก

การตั้งค่าฟังก์ชัน "ของอย่างง่ายในช่องใส่ผงซักฟอก"

1



2

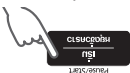


(หน้า 8)

(การตั้งค่าฟังก์ชัน)



3



(การตั้งค่าฟังก์ชัน)

การตั้งค่า

การตั้งค่าการใช้งานสามารถทำได้โดยกดปุ่ม "Auto Dose" บนหน้าจอแสดงผลของเครื่องซักผ้า และเลือกโหมดที่ต้องการใช้งาน

การตั้งค่า

4



(การตั้งค่าฟังก์ชัน)

- น้ำยาปรับผ้านุ่ม: 10 มล. - 95 มล.
- น้ำยาซักผ้า: 10 มล. - 95 มล.

การตั้งค่า

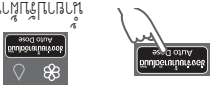
3



น้ำยาปรับผ้านุ่ม



น้ำยาซักผ้า



2



กดค้างไว้ 3 วินาที

1



การตั้งค่าปริมาณน้ำยา

- น้ำ: 50 ลิตร
- น้ำยาซักผ้า: 25 มล.
- น้ำยาปรับผ้านุ่ม: 25 มล.

การตั้งค่าโหมดการใช้งาน

ក្នុងករណីមានការបាញ់គ្រាប់ពូជក្នុងរថយន្ត ក្រុមប្រឹក្សានយោបាយប្រឆាំងគ្រាប់ពូជ

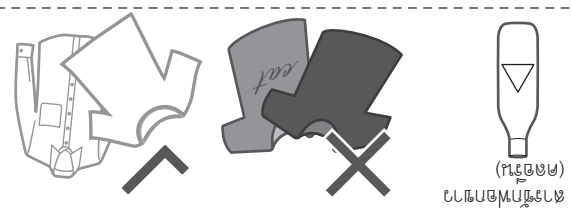
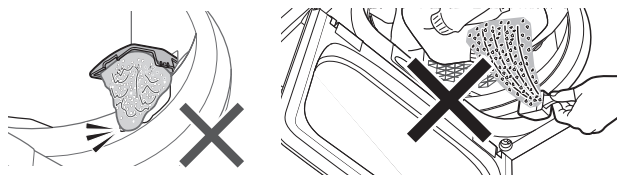
ស្របច្បាប់

ស្រប/ប្រឆាំងការបាញ់គ្រាប់ពូជក្នុងរថយន្ត ក្រុមប្រឹក្សានយោបាយប្រឆាំងគ្រាប់ពូជ

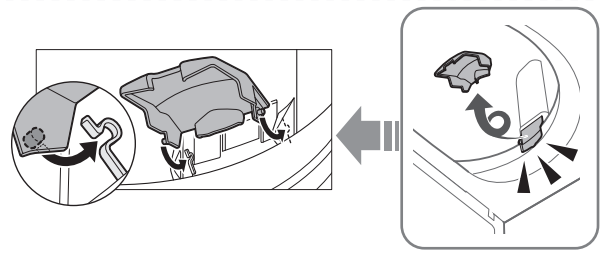
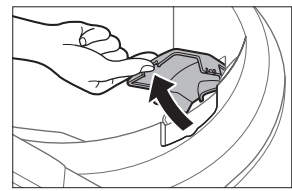
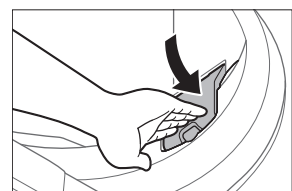
ក្រុមប្រឹក្សានយោបាយប្រឆាំងគ្រាប់ពូជ

ប្រើប្រាស់ប្រព័ន្ធប្រឆាំងគ្រាប់ពូជក្នុងរថយន្ត ក្រុមប្រឹក្សានយោបាយប្រឆាំងគ្រាប់ពូជ

នៃគម្រោងប្រឆាំងគ្រាប់ពូជក្នុងរថយន្ត

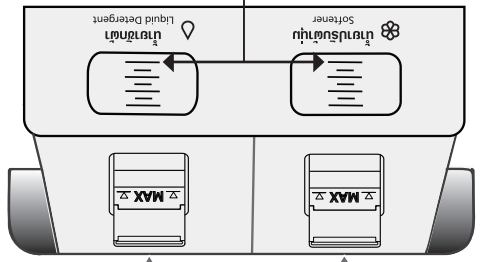


ស្របច្បាប់ (ស្របច្បាប់)

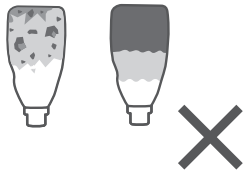


ស្របច្បាប់ ស្របច្បាប់

ផ្ទៃខាងលើនៃប្រព័ន្ធបញ្ជាត្រូវតែស្របគ្នាជាមួយប្រព័ន្ធបញ្ជាខាងលើនៃឧបករណ៍



ត្រូវបំពេញទៅដល់ស្រទាប់ខាងលើនៃផ្ទៃខាងលើនៃឧបករណ៍

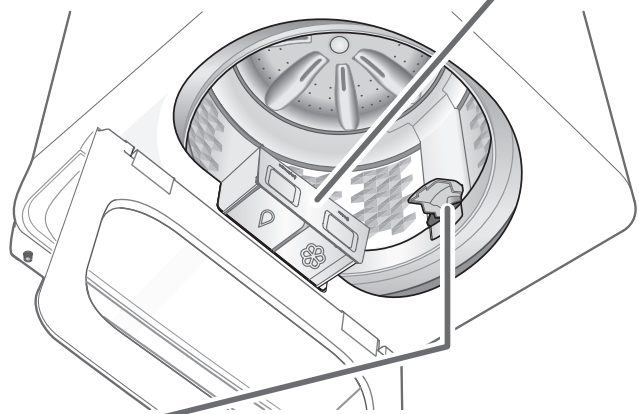


មិនត្រូវបំពេញទេ

ប្រសិនបើបំពេញទៅលើសពីស្រទាប់ខាងលើនៃផ្ទៃខាងលើនៃឧបករណ៍ វានឹងបណ្តាលឱ្យមានការខូចខាតដល់ប្រព័ន្ធបញ្ជា និងប្រព័ន្ធបញ្ជាខាងលើនៃឧបករណ៍

ត្រូវបំពេញ

ការបំពេញទៅលើសពីស្រទាប់ខាងលើនៃផ្ទៃខាងលើនៃឧបករណ៍
















បំពេញទៅដល់ស្រទាប់ខាងលើនៃផ្ទៃខាងលើនៃឧបករណ៍





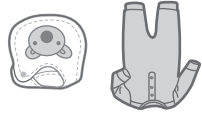

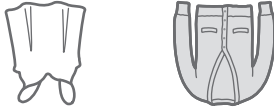






- ត្រូវបំពេញទៅលើសពីស្រទាប់ខាងលើនៃផ្ទៃខាងលើនៃឧបករណ៍
- ត្រូវបំពេញទៅលើសពីស្រទាប់ខាងលើនៃផ្ទៃខាងលើនៃឧបករណ៍
- ប្រសិនបើបំពេញទៅលើសពីស្រទាប់ខាងលើនៃផ្ទៃខាងលើនៃឧបករណ៍

ប្រព័ន្ធបញ្ជា / ប្រព័ន្ធបញ្ជាខាងលើ / ប្រព័ន្ធបញ្ជាខាងលើ

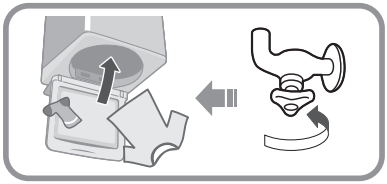
การทำความสะอาดสิ่งต่าง ๆ ในห้องน้ำและในห้องครัว เช่น กระจกเงา, ผนังห้องน้ำ, ฝักบัวอาบน้ำ, ฝักบัวอาบน้ำ, ฝักบัวอาบน้ำ, ฝักบัวอาบน้ำ

ทำความสะอาด

—	 <p>● ใช้ทำความสะอาดกระจกเงา</p>	<p>ทำความสะอาดกระจก (หน้า 25)</p> 	การทำความสะอาด
—	 <p>● ใช้ทำความสะอาดกระจก</p>	<p>ทำความสะอาดกระจก (หน้า 19, 25)</p> 	
2.0	 <p>● ใช้ทำความสะอาดกระจก</p>		
5.0		<p>ทำความสะอาดผนัง</p> 	การซักผ้า
		<p>ทำความสะอาดผนัง</p> 	
6.0	<p>● ใช้ยาทำความสะอาดเพื่อทำความสะอาด</p>	<p>ทำความสะอาดผนัง</p> 	
	<p>● ใช้ยาทำความสะอาดเพื่อทำความสะอาด</p>	<p>StainMaster (หน้า 18)</p> 	
13.5	 <p>● ใช้ทำความสะอาดผนัง</p>	<p>ทำความสะอาดผนัง (หน้า 9)</p> 	
<p>ทำความสะอาด</p>	<p>ทำความสะอาด</p>	<p>ทำความสะอาด</p>	

<p>4.2</p>	 <p>● ผ้าเช็ดตัวเช็ดผ้าเช็ดหน้า ผ้าเช็ดมือเช็ดผ้าเช็ดหน้าเช็ดผ้าเช็ดตัวเช็ดผ้าเช็ดมือเช็ดผ้าเช็ดหน้า</p>	<p>(7 ชิ้น) เสื้อเชิ้ต</p> 
<p>13.5</p>	 <p>● น้ำดื่ม</p>	<p>(9 ชิ้น) เสื้อผ้า</p> 
<p>13.5</p>	 <p>● เสื้อผ้าสำหรับเด็ก & ผู้สูงอายุ เสื้อผ้าสำหรับเด็ก & ผู้สูงอายุ</p>	<p>(9 ชิ้น) เสื้อผ้า</p> 
<p>4.2</p>	 <p>● เสื้อผ้าของผู้ชาย</p>	<p>(17 ชิ้น) เสื้อผ้า</p> 
<p>13.5</p>	 <p>● เสื้อผ้าของผู้หญิง</p>	<p>(9 ชิ้น) เสื้อผ้า</p> 
<p>13.5</p>	<p>● เสื้อผ้าของผู้ชาย ● เสื้อผ้าของผู้หญิง ● เสื้อผ้าของเด็ก ● เสื้อผ้าของผู้สูงอายุ ● เสื้อผ้าของผู้ป่วย</p>	<p>(9 ชิ้น) เสื้อผ้า</p> 
<p>13.5</p>	 <p>● เสื้อผ้าของผู้ชาย</p>	<p>(9 ชิ้น) เสื้อผ้า</p> 
<p>(กก) สิ่งต่าง ๆ</p>	<p>● สิ่งต่าง ๆ</p>	<p>สิ่งต่าง ๆ</p>

1



2

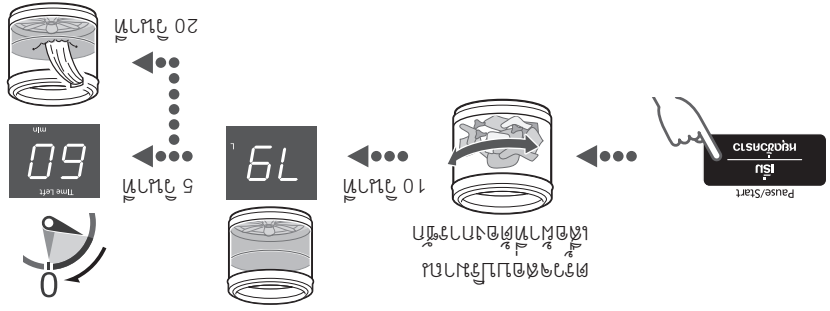


(หน้า 14)
การตั้งค่า
การตั้งค่า

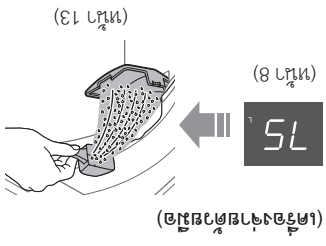
(หน้า 10)
การตั้งค่า

(หน้า 16)
การตั้งค่า

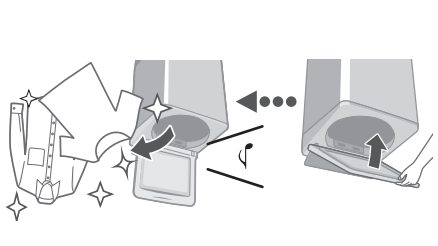
3



4



5

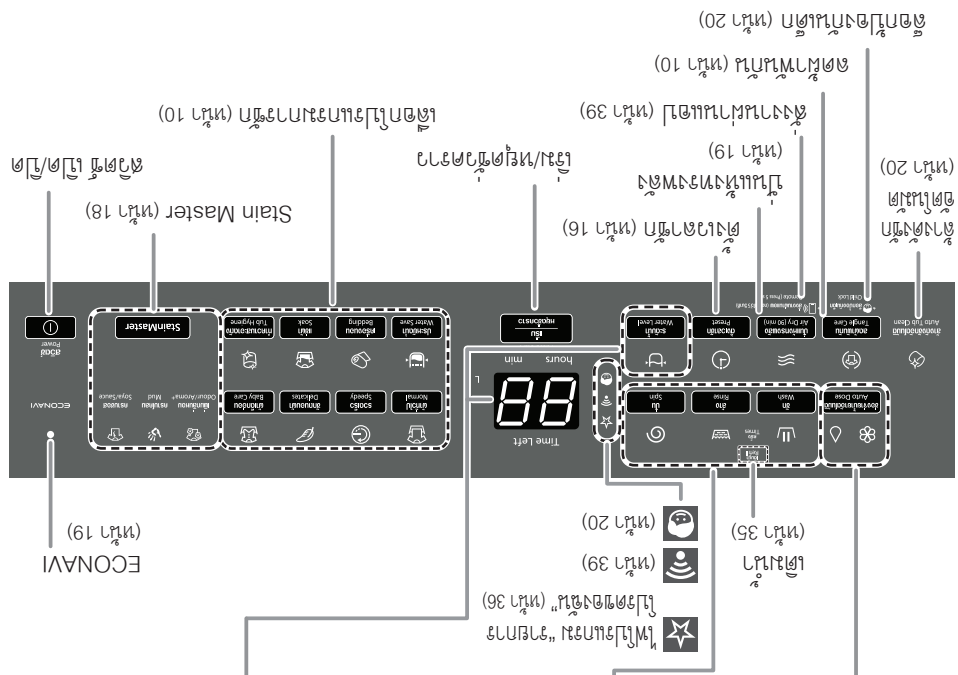


■ ขั้นตอนการตั้งค่า

- กดปุ่มเลือกโหมดการซัก (เลือกโหมดการซักที่ต้องการ)
- กดปุ่มเลือกโหมดการซัก (เลือกโหมดการซักที่ต้องการ)
- กดปุ่มเลือกโหมดการซัก (เลือกโหมดการซักที่ต้องการ)

- การตั้งเวลาการซักแบบ "Stain Master" และโปรแกรมอื่นๆในแผงควบคุมจะเปลี่ยนไปอยู่ด้านบนของหน้าจอ
- หน้าจอจะแสดงเวลาใน 10 นาทีหลังจากที่เลือกโหมดซัก
- หน้าจอจะแสดงเวลาที่เหลือของโหมดซักหลังจากที่เลือกโหมดซัก

ขั้นตอนที่ 2



ปริมาณน้ำ

79

▲ ปริมาณน้ำ 5 ลิตร

เวลาทำงานที่เหลือ

50

Time Left

การตั้งค่าขั้นตอนต่างๆ

Wash

การตั้งค่างาน

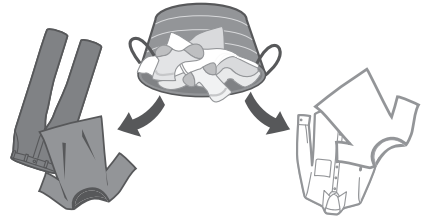
ข้อจำกัดของโปรแกรม

14

โปรแกรมที่รองรับ

Auto Dose

หน้าหน้าแรก



บ่งชี้สิ่งสกปรกที่ติดอยู่บนเสื้อผ้า และบ่งชี้เสื้อผ้าที่สกปรก

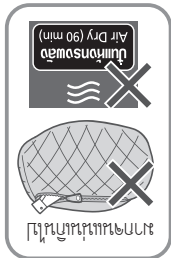


● ไม่ควรนำเสื้อผ้าที่เปื้อนสิ่งสกปรกไปซักในเครื่องซักผ้า

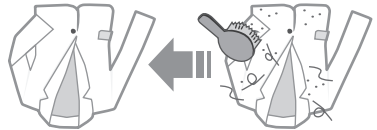
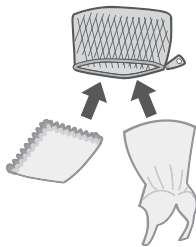


● การทำความสะอาดสิ่งสกปรกด้วยมือจะดีกว่าการซักในเครื่องซักผ้า

สำหรับการใช้โปรแกรม "Stain Master" (หน้า 18)



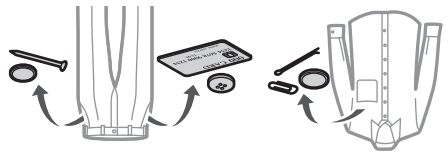
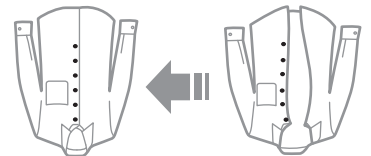
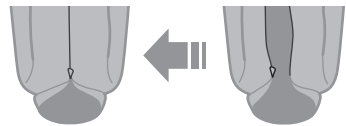
● ไม่ควรนำเสื้อผ้าที่เปื้อนสิ่งสกปรกไปซักในเครื่องซักผ้า



● ไม่ควรนำเสื้อผ้าที่เปื้อนสิ่งสกปรกไปซักในเครื่องซักผ้า

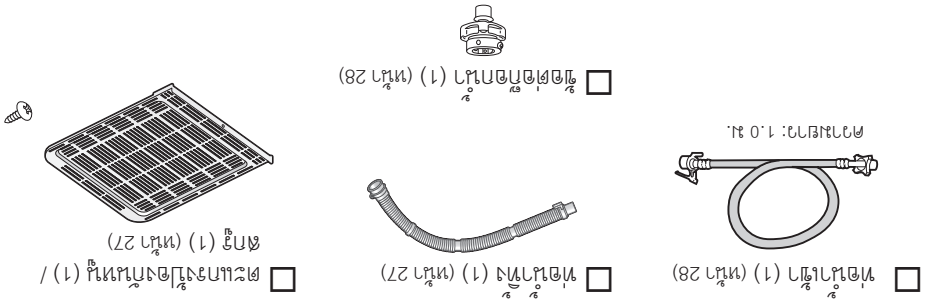


● ไม่ควรนำเสื้อผ้าที่เปื้อนสิ่งสกปรกไปซักในเครื่องซักผ้า

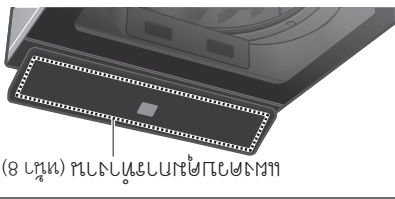
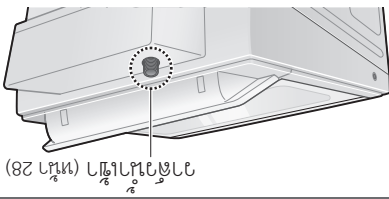
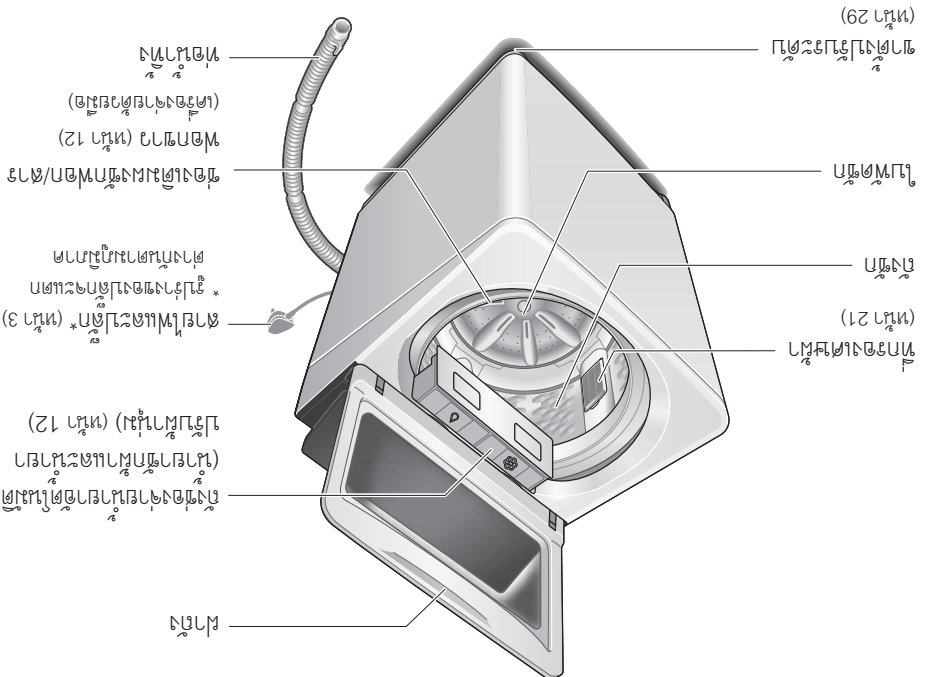


● ไม่ควรนำเสื้อผ้าที่เปื้อนสิ่งสกปรกไปซักในเครื่องซักผ้า

การทำความสะอาดสิ่งสกปรกที่ติดอยู่บนเสื้อผ้า และบ่งชี้เสื้อผ้าที่สกปรก



ប្រតិបត្តិការដំឡើង

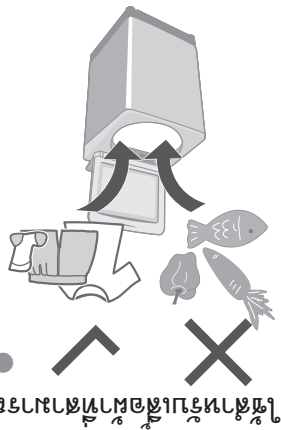


ការដំឡើងបន្ថែម

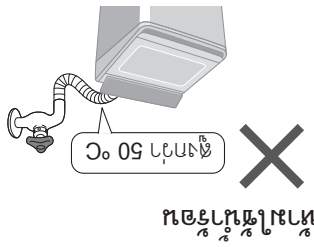
ការដំឡើងបន្ថែម / ការដំឡើងបន្ថែម

គ្រឹះស្ថានចម្រុះ

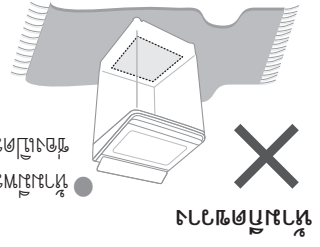
ចង្អុលបង្ហាញឱ្យបានច្បាស់លាស់ ថាមានអ្វីមួយដែលមិនអាចដាក់ទៅក្នុង -
 ធុងចម្រុះសម្រាប់ប្រើប្រាស់បន្តបានទេ -
 ធុងចម្រុះសម្រាប់ប្រើប្រាស់បន្តបានទេ -
 ធុងចម្រុះសម្រាប់ប្រើប្រាស់បន្តបានទេ -
 ធុងចម្រុះសម្រាប់ប្រើប្រាស់បន្តបានទេ -
 ធុងចម្រុះសម្រាប់ប្រើប្រាស់បន្តបានទេ -
 ធុងចម្រុះសម្រាប់ប្រើប្រាស់បន្តបានទេ -
 ធុងចម្រុះសម្រាប់ប្រើប្រាស់បន្តបានទេ -
 ធុងចម្រុះសម្រាប់ប្រើប្រាស់បន្តបានទេ -
 ធុងចម្រុះសម្រាប់ប្រើប្រាស់បន្តបានទេ -



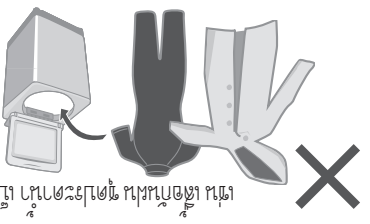
ក្រដាសបោះចោលត្រូវតែដាក់ទៅក្នុងធុងចម្រុះសម្រាប់ប្រើប្រាស់បន្តបានទេ



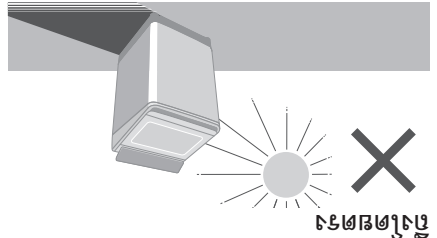
កំដៅឱ្យបានខ្លាំង



ទំហំធំពេញបំផុត



សម្ភារៈផ្សេងៗទៀត ដូចជាស្បែកស្នាម



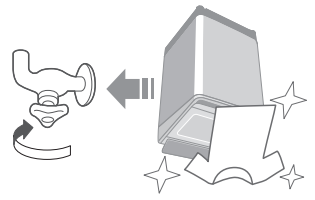
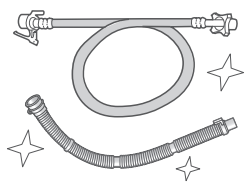
ក្រពះក្រហម

សម្ភារៈផ្សេងៗទៀត ដូចជាស្បែកស្នាម

ធុងចម្រុះសម្រាប់ប្រើប្រាស់បន្តបានទេ

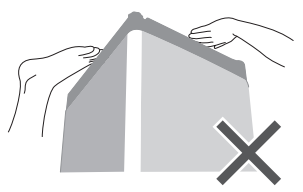
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កុំបោកស្រោចទឹកដោយដៃ
កុំបង្កើនទឹកដោយដៃ
កុំបង្កើនទឹកដោយដៃ



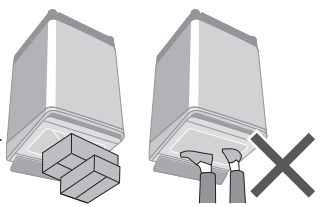
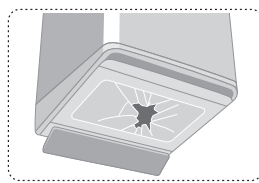
កុំបង្កើនទឹកដោយដៃ កុំបង្កើនទឹកដោយដៃ កុំបង្កើនទឹកដោយដៃ

កម្រិតទី៣ បច្ចុប្បន្នភាព

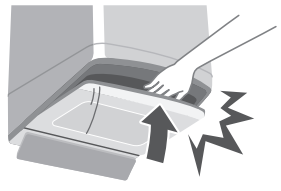
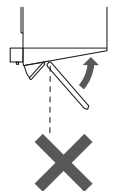
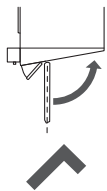


កុំបង្កើនទឹកដោយដៃ

កុំបង្កើនទឹកដោយដៃ



កុំបង្កើនទឹកដោយដៃ



កុំបង្កើនទឹកដោយដៃ

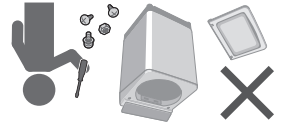
កម្រិតទី៣ បច្ចុប្បន្នភាព

កម្រិតទី៣ បច្ចុប្បន្នភាព



(៣៤) កម្រិតទី៣ បច្ចុប្បន្នភាព

- เมื่อใช้แอป "Panasonic SmartApp" (ดาวน์โหลดฟรี) โปรดดูข้อควรระวังการใช้งานแอปในคู่มือการใช้งาน
- กรุณาตรวจสอบสถานะของเครื่องอย่างสม่ำเสมอ
- ระยะเวลาการใช้งานในโหมด SmartApp คือ 15 วัน



ห้ามถอดแยกชิ้นส่วนหรือ
ดัดแปลงเครื่องใช้ไฟฟ้าโดย
ตนเอง

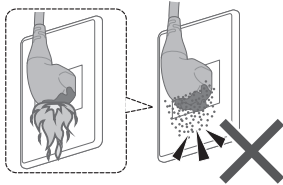
อาการผิดปกติจากภายนอก



ห้ามใส่ของเหลวลงในตู้

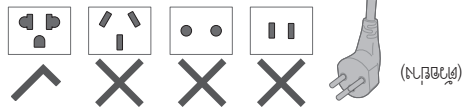


ใช้ผ้าสะอาดเช็ดทำความสะอาด

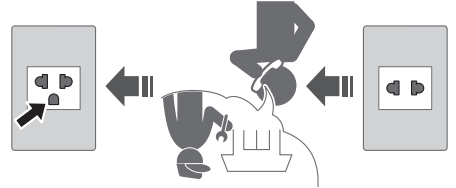


ห้ามใส่ของเหลวลงในตู้

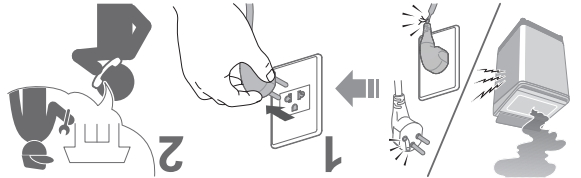
● ห้ามใช้ปลั๊กไฟที่มีลักษณะผิดปกติ หรือปลั๊กไฟที่มีลักษณะผิดปกติ



ตู้ใช้ปลั๊กไฟที่มีลักษณะผิดปกติ



ห้ามใช้เครื่องดูดฝุ่นดูดฝุ่นที่ตู้



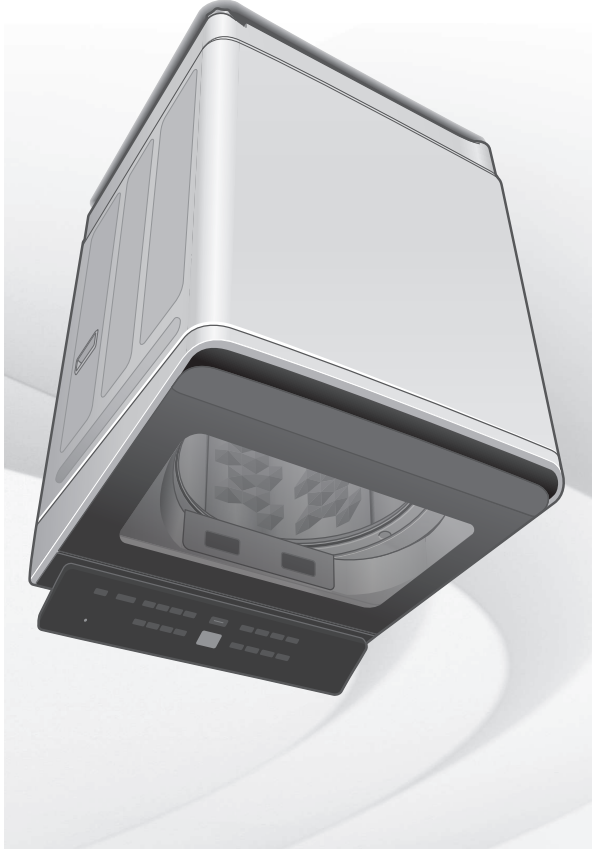
ห้ามใช้เครื่องดูดฝุ่นดูดฝุ่นที่ตู้



ขอสงวนสิทธิ์ในข้อมูลผลิตภัณฑ์และราคา
- โปรดดูรายละเอียดในคู่มือการใช้งานและใบรับประกัน
- โปรดดูรายละเอียดในคู่มือการใช้งานและใบรับประกัน
- โปรดดูรายละเอียดในคู่มือการใช้งานและใบรับประกัน

55	ข้อมูลจำเพาะ
36	Panasonic SmartApp+
35	รายละเอียดของโปรแกรมต่างๆ
32	การแก้ปัญหาเบื้องต้น
30	การติดตั้งของตู้洗濯機
26	การติดตั้ง
21	การตั้งรหัสรักษาความปลอดภัย
20	ฟังก์ชันความปลอดภัยของประตู洗濯機
16	คู่มือการถอดรื้อ
14	ข้อควรระวังในการใช้
12	แผงควบคุม / ไม้เท้ารีโมท / ฝาครอบขา
10	ประเภทและขนาดของประตู洗濯機
9	การรับประกัน
8	แผนผังการติดตั้ง
7	ก่อนใช้
6	ข้อควรระวัง / ข้อควรระวัง
2	ข้อควรระวังของตู้洗濯機

สารบัญ



รุ่น NA-FD135Z3

คู่มือการใช้งาน & การติดตั้ง (สำหรับรุ่นในรูป)