

Operating & Installation Instructions

Fully Automatic Washing Machine
(Household Use)

Model No. **NA-FD12VR1**



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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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06-2020



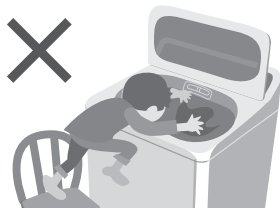
Safety Precautions



WARNING

May cause serious injury or death.

Children must not use it alone.

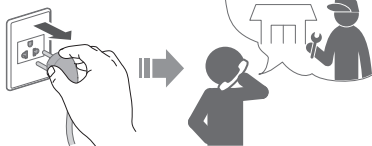


- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children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

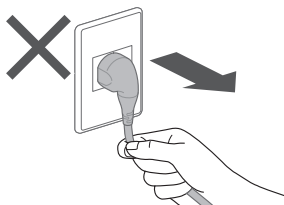


May cause fire or electric shock.

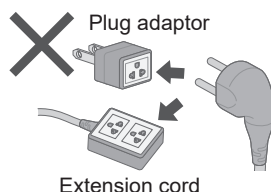
Do not touch it with wet hands.



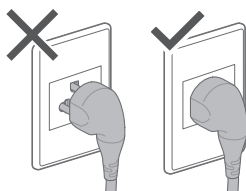
Do not hold or pull on the cord.



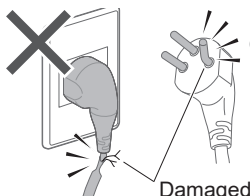
Do not use.



Fully insert it.

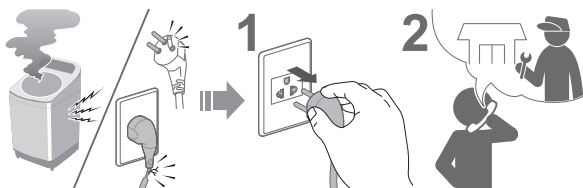


Do not use.

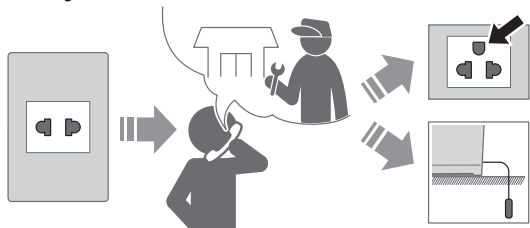


- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

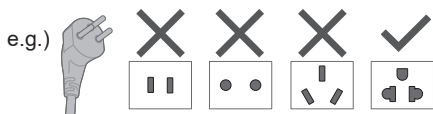
In case of failure or damaged power cord, stop use and ask the service centre.



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

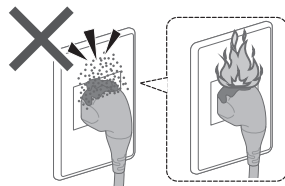


Use a socket appropriate for this appliance.



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

Accumulated dust may cause fire.



Wipe the power plug periodically.



Keep away from flammable materials.



May cause failure.

Never disassemble, repair or modify it by yourself.



Safety Precautions (continued)



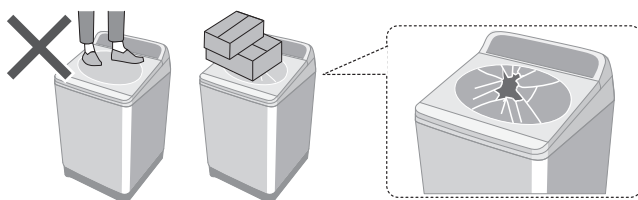
CAUTION

May cause injury.

Be careful not to get your fingers caught.

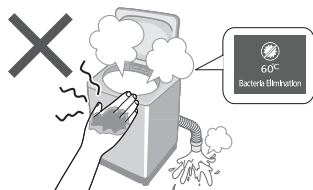


Do not climb or put objects on the appliance.

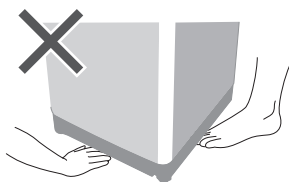


- If the lid is broken, immediately stop using.

Do not touch when it is hot.

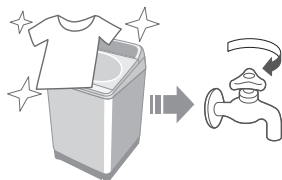


Be careful of your hands and feet.

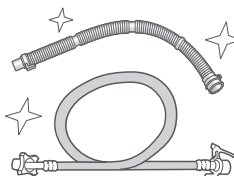


May cause water leakage.

Turn off the water faucet.



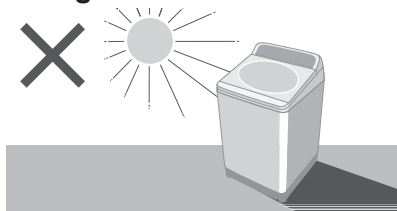
Use new hose-sets.



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

May cause failure.

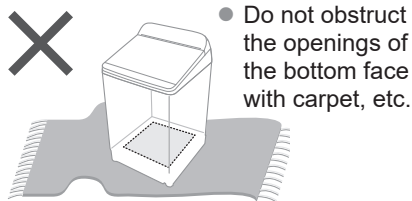
Keep away from heat and direct sunlight.



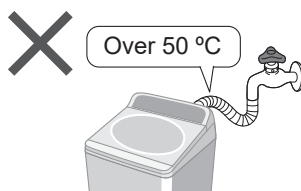
Do not wash waterproof items.



Do not obstruct.



Do not use hot water.



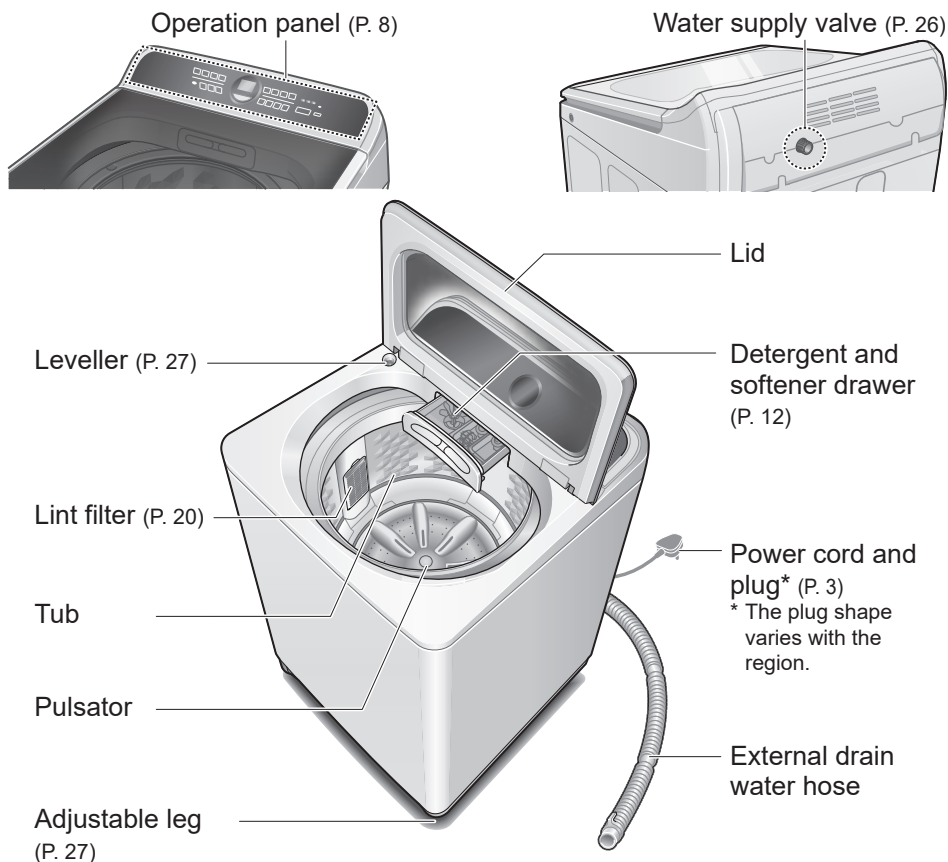
For Machine-washable items only.



- 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.

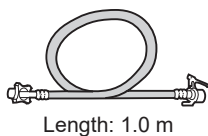
Part Names / Accessories

Part names



Accessories

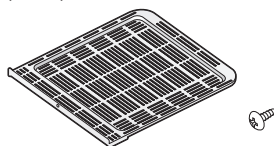
☐ Water supply hose (1) (P. 26)



☐ External drain water hose (1) (P. 25)



☐ Bottom cover (1) /Screw (1) (P. 25)



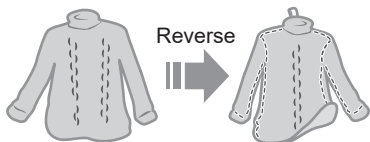
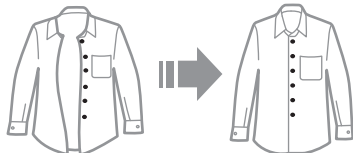
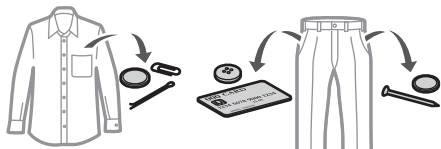
☐ Water tap adaptor (1) (P. 26)



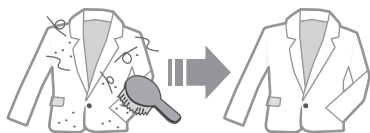
Before Washing

Laundry preparation and check

Pre-laundry check

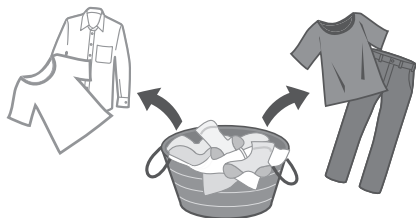


Clothes likely to pill

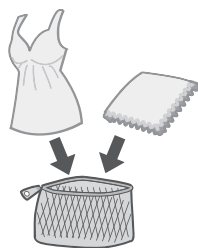


Paper diapers

To prevent colour staining

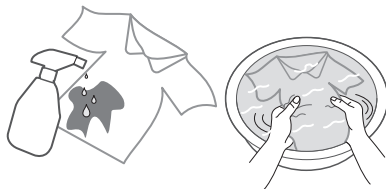


Use laundry nets for delicates

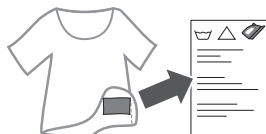


For "Stain Master +" (P. 16)

- Pretreatments for heavily stains



- Observe the clothes' care labels



- For



- Coloured clothes
- Shirts with stiff fabric

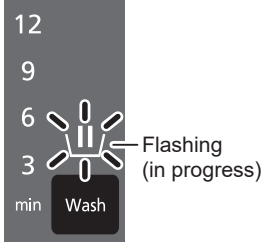


- Rubber clothes
- Graphic shirts



Operation Panel

Change process settings (P. 14)



Water amount



▼ Approx. 5 sec

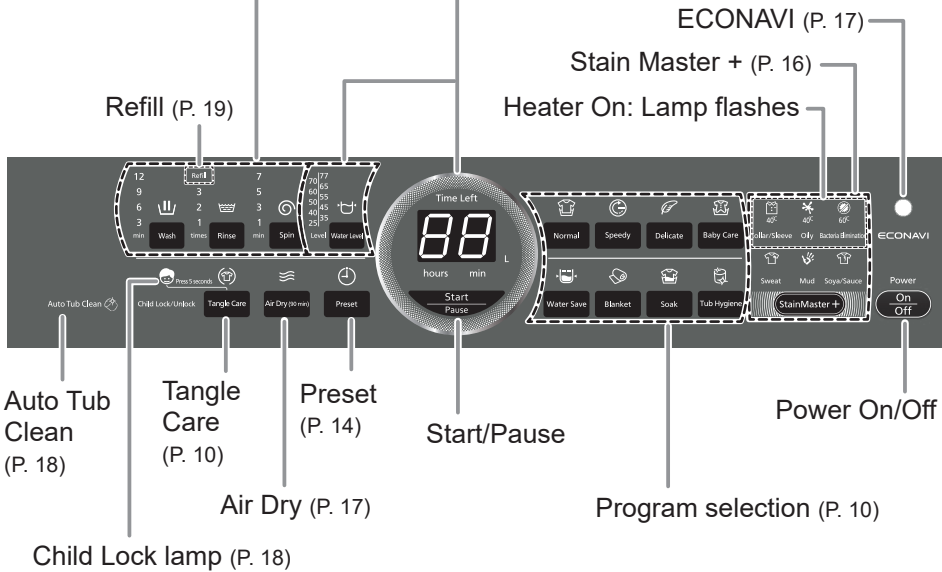
Remaining time



Detergent volume

Water level (L)			Detergent *
77	70	65	
60	55	50	
45	40	35	
25			

* : 1 scoop of detergent

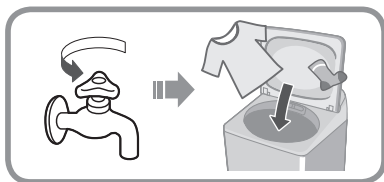


NOTE

- In case of a power failure.
⇒ Operation will resume from where it stopped when the power recovers.
- If you do not press within 10 minutes after power-on.
⇒ Auto power off.
- The wash process setting of the “Stain Master +” and “Soak” programs cannot be changed.

Washing

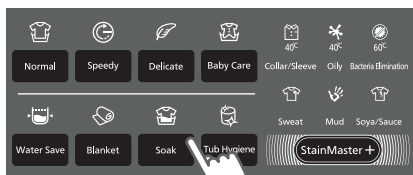
1



On
Off



2



(P. 10)

■ Preset timer



(P. 14)

3

Measures the amount of laundry.



10 sec



77 L

5 sec



20 sec



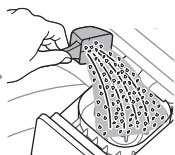
60 min



4

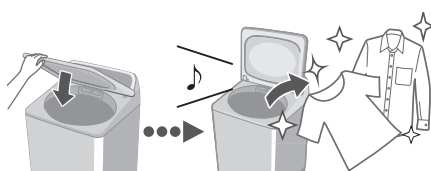
77 L

(P. 8)



(P. 12)

5



■ After pressing “Start”

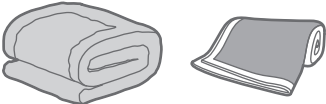
- To change each operation (while washing).



- 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)	● Everyday clothes 	12.5
	 Tangle Care (P. 9)	● Anti-tangling • Washing more gently than “Normal” to reduce tangle. • Disentangling clothes after spin: 6 kg or less.	
	 Speedy (P. 9)	● For light soil 	12.5
	 Delicate (P. 15)	● Washing gently 	4.2
	 Baby Care (P. 9)	● Clothes for babies & sensitive skin - Rinsing thoroughly 	12.5
	 Water Save (P. 9)	● Saving water 	12.5
	 Blanket (P. 15)	● Comforters and blankets  With a machine-washable tag	4.2

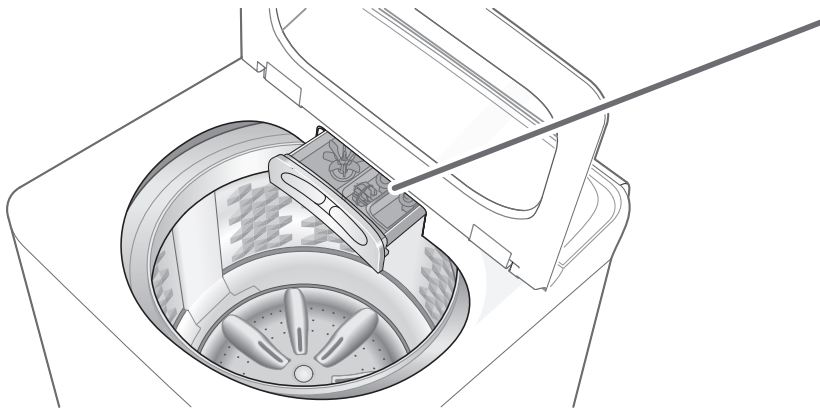
	Program	Purpose	Max. capacity (kg)
Wash	 Soak (P. 9)	For heavy soil Presoaking to wash 	12.5
	StainMaster + (P. 16)	For the following stains	5.0
	Light Sweat 		
	 Mud 		
	 Soya/Sauce 		
	 Collar/Sleeve (40 °C) 		
	Heavy Oily (40 °C)		
	Bacteria Elimination (60 °C)		
Dry	 Air Dry (90 min) (P. 17)	Drying synthetic fibre clothes 	2.0
		Tub drying 	—
Maintenance	 Tub Hygiene (P. 23)	Tub cleaning Removing black mould and smell 	—

NOTE

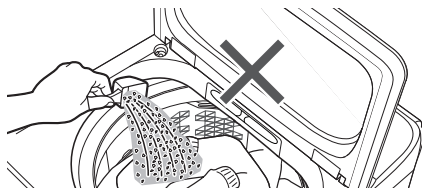
- “Normal” program and “Water Save” program are recommended for a normally soiled load at the rated capacity of this washing machine.

Detergent / Softener / Bleach

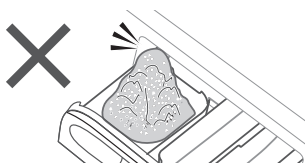
- Follow the instructions on each package.
- For cleaning (P. 21)
- Close detergent and softener drawer completely before use.



Detergent



- **Do not pour detergent directly into the tub.**
- The level of foaming depends on the load size, soil, detergent, and water hardness.

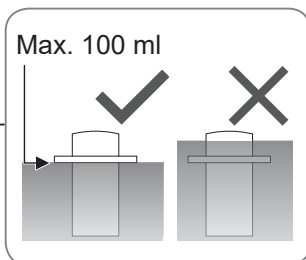
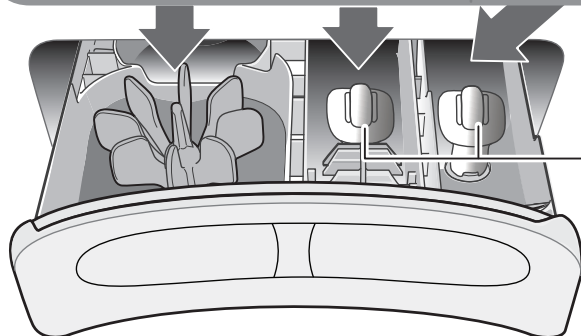
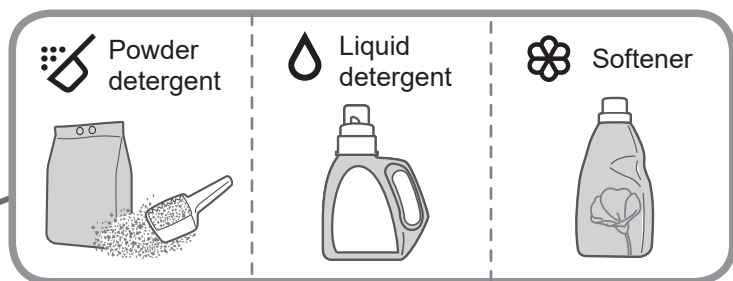


Bleach

Whiten bleach
(chlorine bleach)

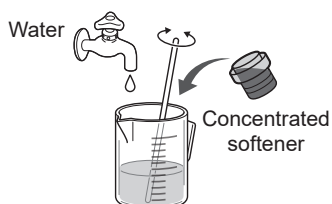


- To use bleach, put bleach in the powder detergent case (if bleach is in powder form) or liquid detergent case (if it is liquid bleach).



Softener

- To put softener while the machine is operating:



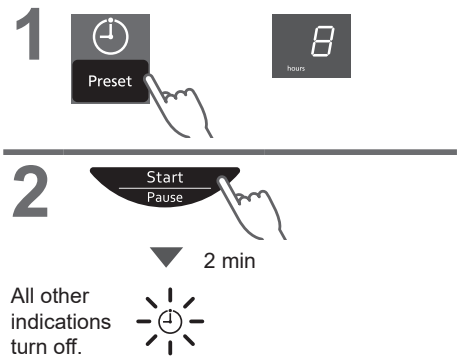
Do not use separated or solidified softeners

- Softener cannot be used with the "Water Save" program.

Washing Options

Preset

Set how many hours later to finish operation.



Normal	2 - 24
Speedy	1 - 24
Delicate	-
Baby Care	2 - 24
Water Save	2 - 24
Blanket	-
Soak	3 - 24
StainMaster +	(P. 16)
Air Dry (90 min)	-
Tub Hygiene	-

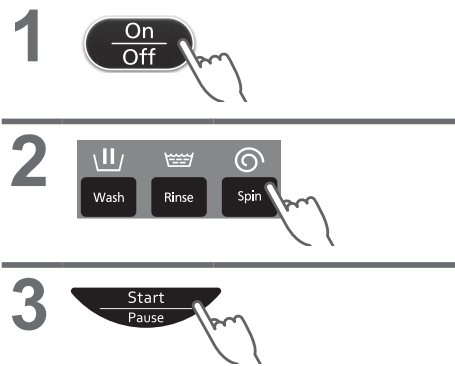
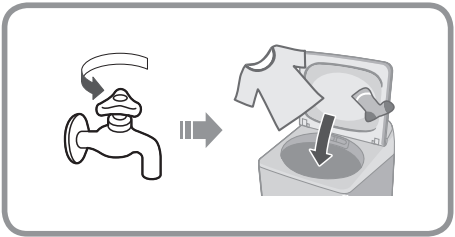
■ To confirm



■ To cancel or change



Wash / Rinse / Spin



NOTE

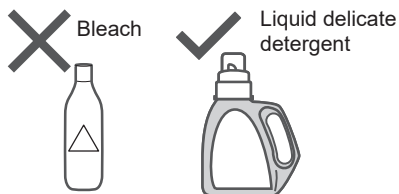
- Not available for "Tangle Care".



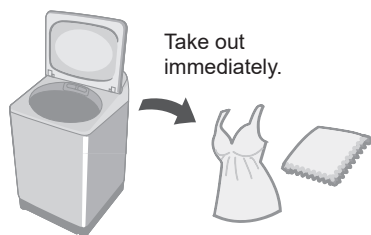
Delicate

65 L	4.2 kg
55 L	3.0 kg

NOTE

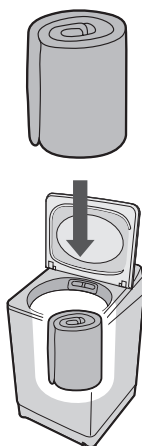


■ After operation ends

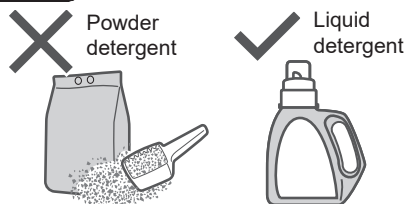


Blanket

Max. water amount	4.2 kg • 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. 14)

Collar/Sleeve:	3 - 24
Oily:	3 - 24
Bacteria Elimination:	4 - 24
Others:	2 - 24

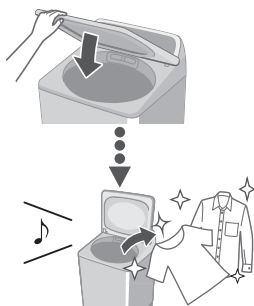
3



4

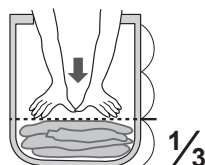


5

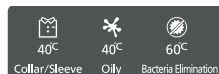


NOTE

- Max. 5.0 kg



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

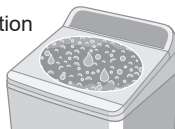


- Make sure to close the lid.



- Dew condensation may occur on the lid, etc.

Condensation



Air Dry (90 min)

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

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

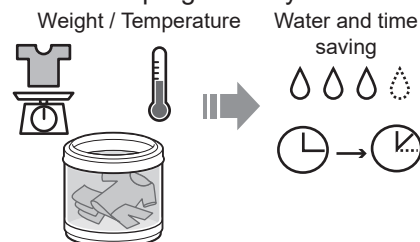


NOTE

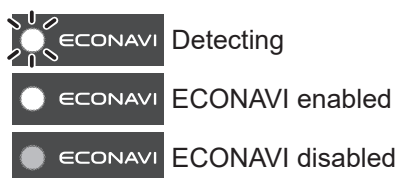
- Clothes may not be sufficiently dried (depends on amount and type of clothes, and the temperature).
- This function does not use a heater. Clothes may be cold and half dry.

ECONAVI

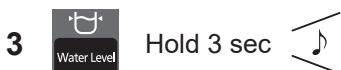
- “Normal” program only



■ Lamp indications



■ 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: 12.5 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".

■ Lamp indications

Auto Tub Clean  Detecting

Auto Tub Clean  Function enabled

Auto Tub Clean  Function disabled

■ To turn on/off

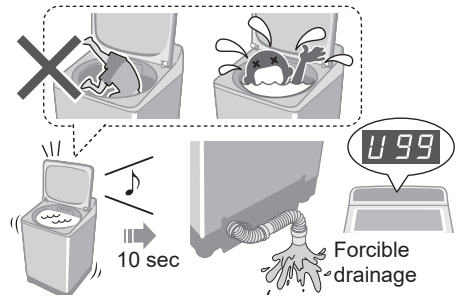
- 1 
- 2 
- 3  Hold 3 sec 
- 4  to select  
- 5   

Cancelling end buzzer

- 1  &  Hold 3 sec  

■ To reset:
same procedure 

Setting Child Lock

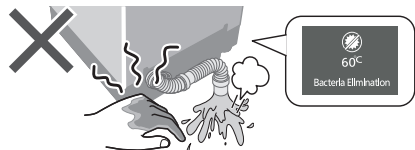


* This function does not lock the lid and button operations.

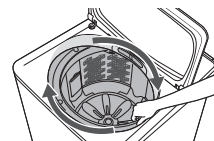
- 1 
- 2  Hold 5 sec  

■ To cancel: same procedure 

NOTE



Turning the tub by hand



Contents of Programs

Program		Total time* ¹ (min)	Wash (min)	Rinse* ² (times)	Spin (min)
	Normal	65	10	2	7
	Speedy	45	3	2	5
	Delicate	50	9	2	1
	Baby Care	70	10	2	7
	Water Save	85	12	4	5
	Blanket	70	12	2	5
	Soak	125 * ²	71 (Soak 59)	2	7
Stain Master +	Sweat	65	13	2	7
	Mud	85	32	2	7
	Soya/Sauce	105 * ²	54 (Soak 29)	2	7
	Collar/Sleeve	140 * ²	33 * ³	2	7
	Oily	145 * ²	38 * ³	2	7
	Bacteria Elimination	185 * ²	30 * ³	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.  → 

*3 Excluding water heating time. Symbol  will be displayed during the water heating process.

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

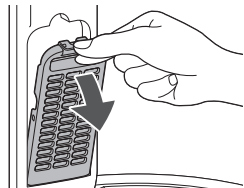


Maintenance

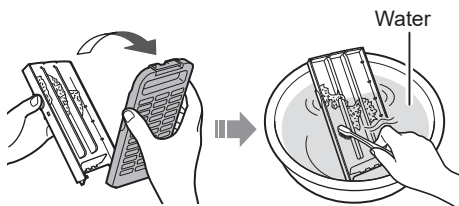
Lint filter

After each operation

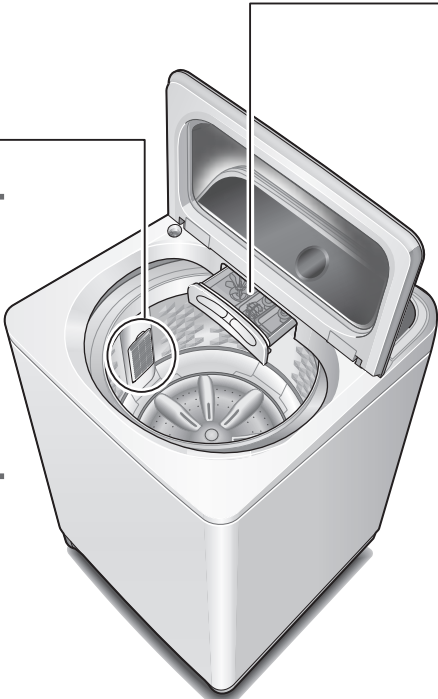
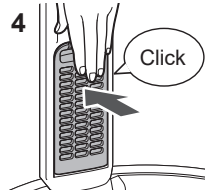
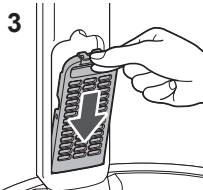
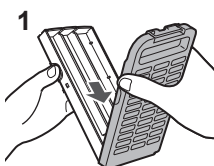
1



2



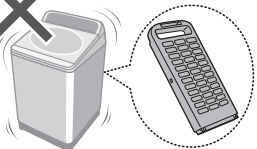
3



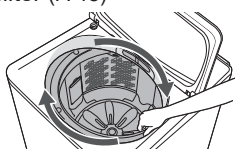
NOTE



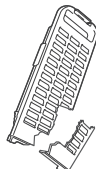
Without the filter



If it is difficult to remove the filter (P. 18)



If the filter is broken



Local dealer



Detergent and softener drawer

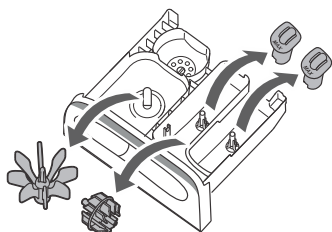
If stained with detergent or softener

1

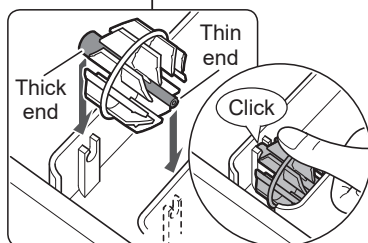
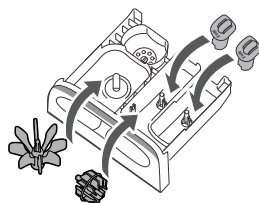


Remove

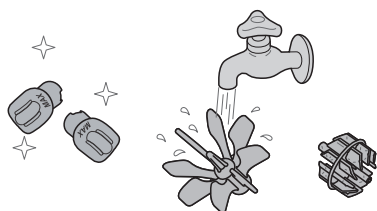
2



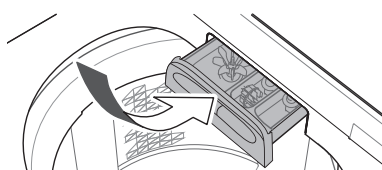
4



3



5



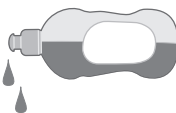
Attach

Main unit, lid

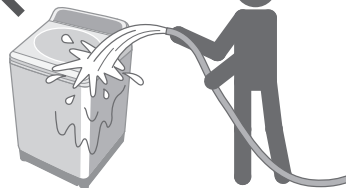


For heavy soil

Neutral kitchen detergent



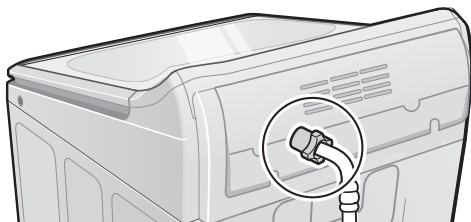
×



Maintenance (continued)

Water supply filter

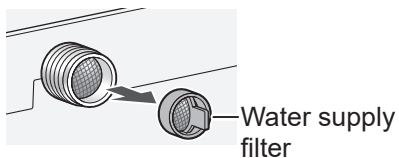
If water does not flow smoothly



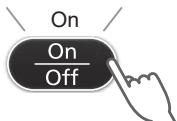
1



5



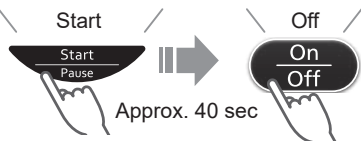
2



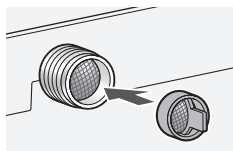
6



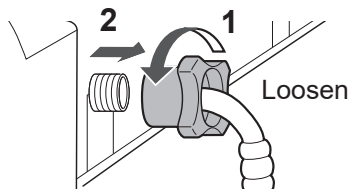
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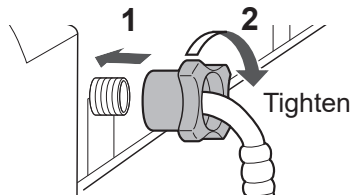
7



4

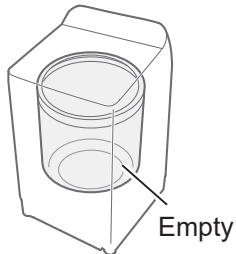


8



Tub

Once a week <Air Dry>

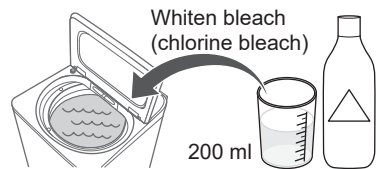


Once a month <Tub Hygiene>

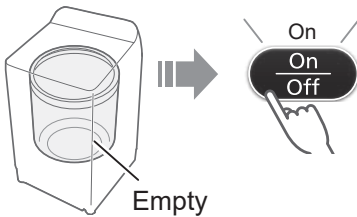
1



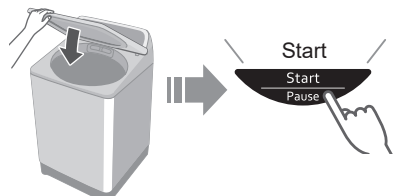
5



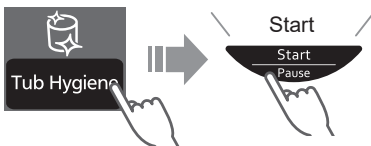
2



6

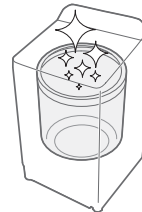
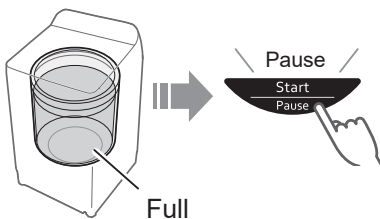


3



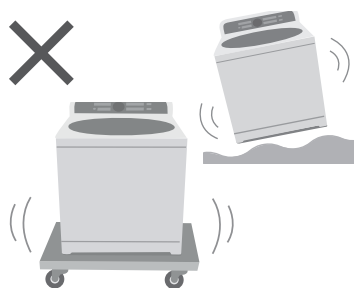
Approx. 2.5 hours

4



Installation

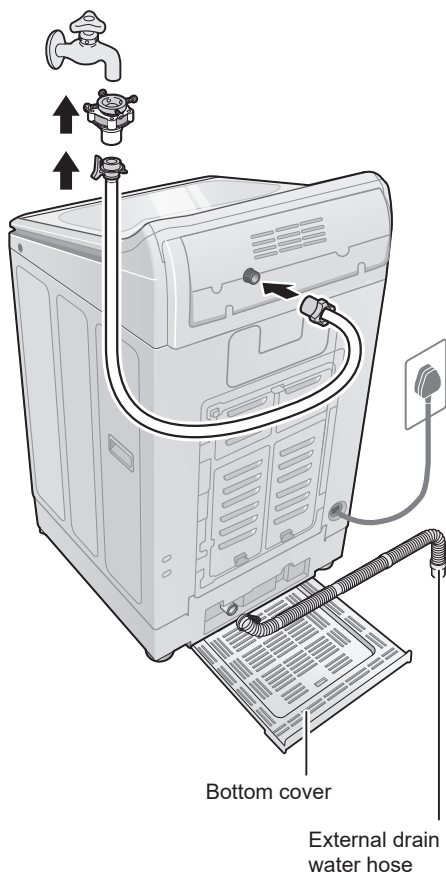
Check the location.



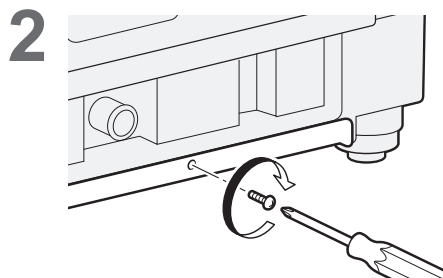
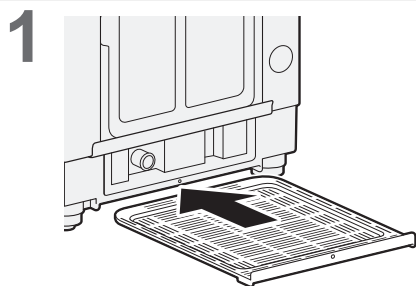
Make sure to ask a service person for installation.



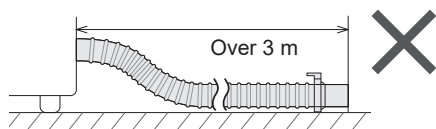
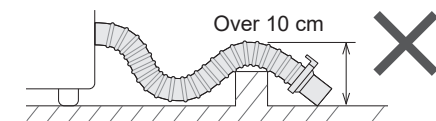
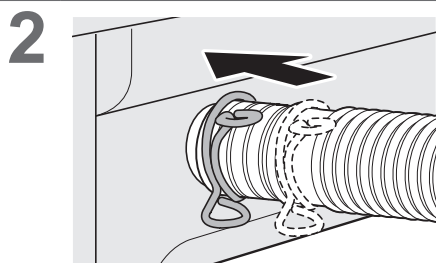
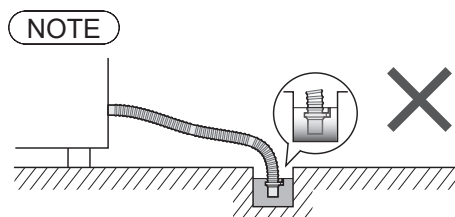
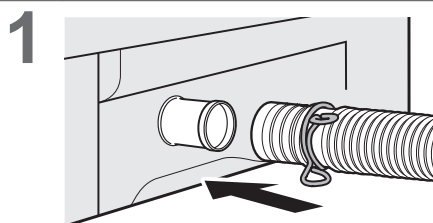
- Do not install by yourself.
- Follow this installation method.
If you do not, Panasonic will not be liable for any accident or damage.



Attach the bottom cover

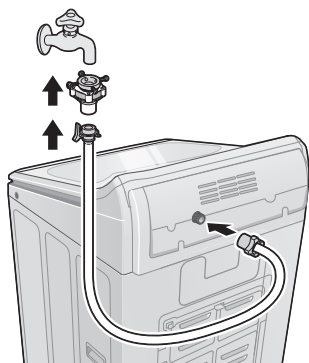


Attach the external drain water hose

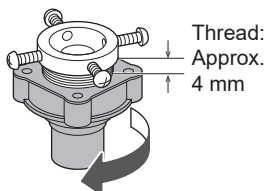


Installation (continued)

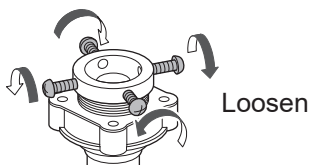
Connect the water supply hose



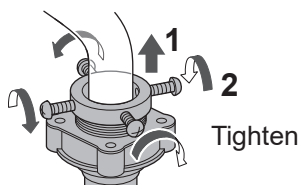
1



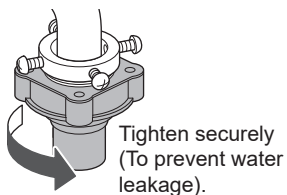
2



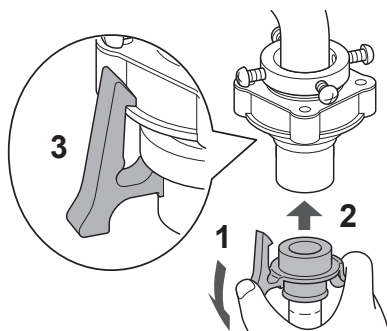
3



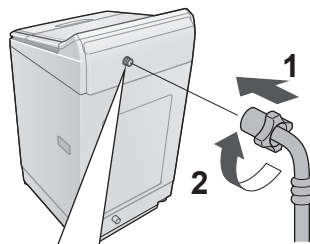
4



5



6



3

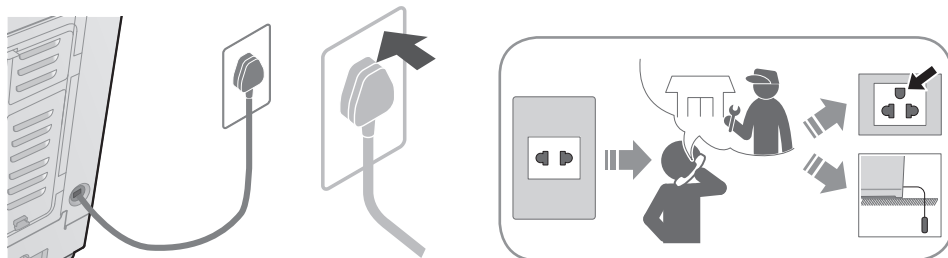
Check that the
elbow is not loose.



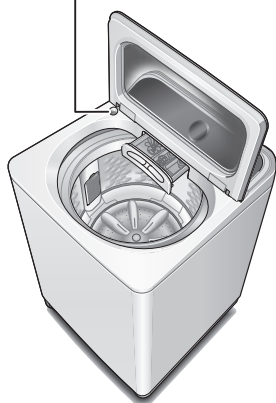
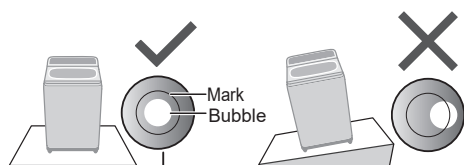
CAUTION

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

Connect the power plug and grounding

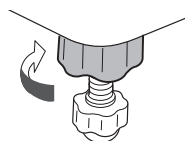


Check that the washing machine is level

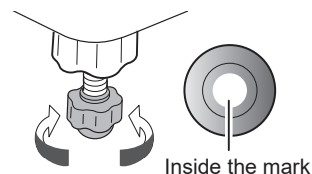


■ If the bubble is out of the mark

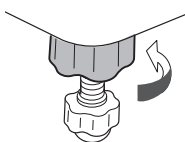
Loosen



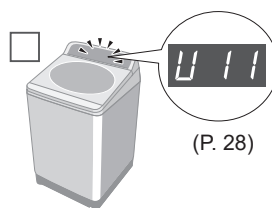
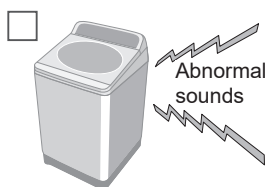
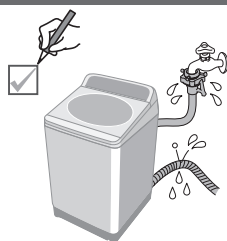
Adjust



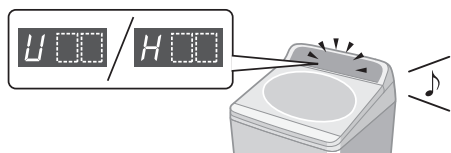
Tighten



Trial operation



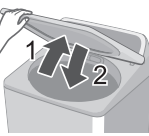
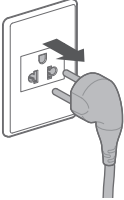
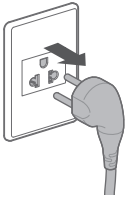
Error Display



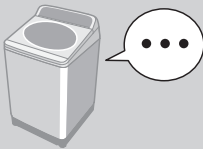
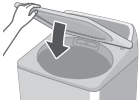
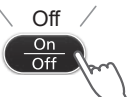
■ Preparation

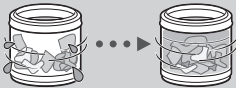
Cancel Child Lock (P. 18)
if it is set.

Error Display	Points to be checked
Water cannot drain.	1 Check 2
The lid is open.	1
Spin or "Air Dry" is not possible.	Uneven 1 Even 2 Unstable or incline 1 Stable 2

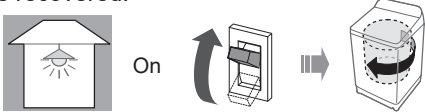
Error Display	Points to be checked
 Water cannot be supplied.	Water outage  Turned off   1  Water supply filter (P. 22) 2 
 Water has been forcibly drained.	With Child Lock set   Forcible drainage  1   5 sec
 Inspection is required.	1  2  3 

Troubleshooting

	Symptoms	Points to be checked
Time	Indication increases or does not decrease. 	Time indication is approximate. Remaining time is corrected during operation. 
	Longer than the indication. 	When clothes are uneven.  When the water drainage is not good.  When the water supply is not good. 
	Operation passes the preset time. 	 The operation time may be longer.
Main unit	No operation 	☐ Check ● Power failure  ● Timer preset  ☐ Try ● Close the lid.  ● Turn on.  ● Insert the power plug completely.  ● Press "Start".  ● Turn breaker on. 
	Cannot change process settings (after start). 	☐ Try ● During wash process 1 Pause  2  3 Start  ● After wash process 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. Rinse starts instead of spin. 	If clothes are uneven, this appliances automatically corrects unevenness by rinse process. 
	Irregular rotation 	The tub rotation speed is adjusted to reduce vibration. 

Troubleshooting (continued)

	Symptoms	Points to be checked
Others	Power failure/Breaker off. 	Operation will resume from where it stopped when the power is recovered. 
	StainMaster+ has no effect. 	☐ Check ☐ Try ● Under 5.0 kg  ● Pretreatments (P. 7)  ● Select according to the stain type. (P. 11) 

Specifications

Model No.	NA-FD12VR1
Rated voltage	220 - 240 V
Rated frequency	50 Hz
Rated power consumption	1475 - 1750 W
Standard water amount	77 L
Maximum capacity (Dry cloth)	12.5 kg
Product dimensions	639 mm (W) x 724 mm (D) x 1069 mm (H)
Product weight	41 kg
Pressure of tap water	0.01 - 1 MPa

Panasonic Corporation

<http://www.panasonic.com>

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Arahan Pengendalian & Pemasangan

Mesin Basuh Automatik Sepenuhnya
(Kegunaan domestik)

No. Model **NA-FD12VR1**



Kandungan

Langkah Berjaga-jaga Keselamatan	2
Nama Bahagian / Kelengkapan	6
Sebelum Membasuh	7
Panel Operasi	8
Membasuh	9
Pelbagai Program	10
Washing / Softener / Bleach	12
Pilihan Membasuh	14
• Preset (Pratetapan)	
• Wash / Rinse / Spin	
• Delicate (Halus)	
• Blanket (Selimut)	
• Stain Master +	
• Air Dry (90 min)	
• ECONAVI	
Fungsi Menyenangkan	18
Kandungan Program	19
Penyenggaraan	20
Pemasangan	24
Paparan Ralat	28
Penyelesaian Masalah	30
Spesifikasi	32

Terima kasih kerana membeli produk ini.

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



AWW9901C72C0-0C5

A0620-0(M)

Dicetak di Vietnam

06-2020

Langkah Berjaga-jaga Keselamatan

⚠️ AMARAN

Boleh mengakibatkan kecederaan serius atau kematian.

Jangan benarkan kanak-kanak menggunakannya sendirian.

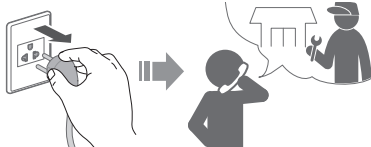


- Perlengkapan ini bukan untuk kegunaan individu (termasuk kanak-kanak) yang kurang keupayaan fizikal, deria atau mental, atau kurang pengalaman atau pengetahuan, kecuali jika mereka telah diberikan penyeliaan atau arahan berkaitan penggunaan perlengkapan ini oleh individu yang bertanggungjawab keatas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

Jangan sentuh tab sehingga ia betul-betul berhenti.



- Jika tab tidak berhenti dalam masa 15 saat:

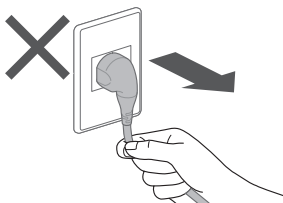


Boleh menyebabkan kebakaran atau kejutan elektrik.

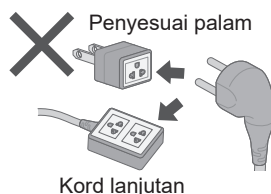
Jangan sentuh dengan tangan basah.



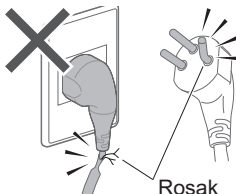
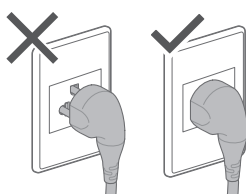
Jangan tahan atau tarik pada kordnya.



Jangan guna.

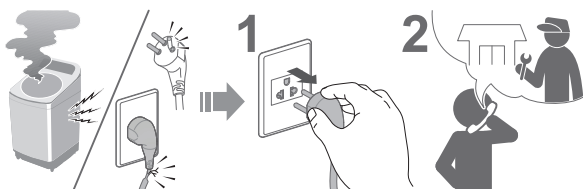


Masukkannya sepenuhnya. Jangan guna.

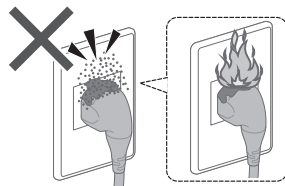


- Jika kord kuasa rosak, ia mesti diganti oleh pengilang, wakil servisnya, atau orang yang berkelayakan bagi mengelakkan bahaya.

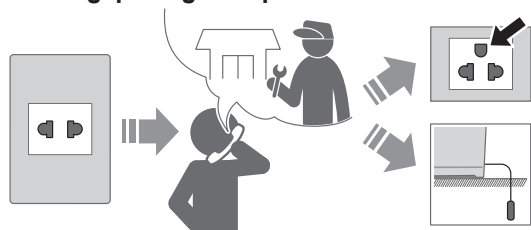
Sekiranya berlaku kegagalan atau kord kuasa yang rosak, hentikan penggunaan dan minta pusat perkhidmatan.



Debu terkumpul boleh menyebabkan kebakaran.



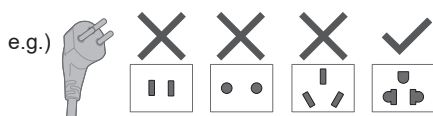
Masukkan dengan selamat prong tanah. Hubungi peniaga tempatan anda untuk soket baru.



Lap palam kuasa secara berkala.



Gunakan soket yang sesuai untuk perkakas ini.



- Bentuk palam, bentuk soket dan keperluan penarafan berbeza mengikut rantau ini.

Jauhkan daripada bahan mudah terbakar.



Boleh menyebabkan kegagalan.

Jangan ungkai, baiki atau ubah suai sendiri mesin basuh ini.



Langkah Berjaga-jaga Keselamatan (sambungan)

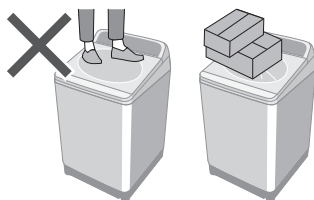
AWAS

Boleh menyebabkan kecederaan.

Berhati-hati agar jari anda tidak tersepit.

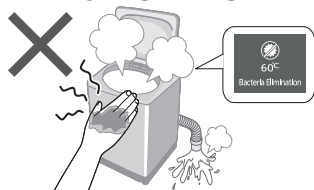


Jangan panjat atau letakkan benda di atas mesin basuh.

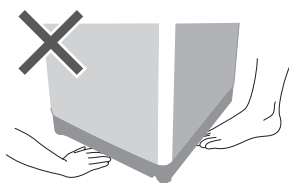


- Jika penutupnya rosak, berhenti menggunakan serta-merta.

Jangan sentuh tab dan air panas yang mengalir.

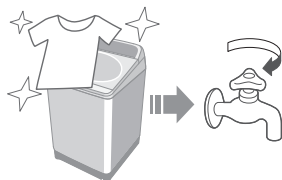


Berhati-hati dengan tangan dan kaki anda.

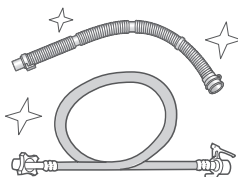


Boleh menyebabkan kebocoran air.

Matikan keran air.



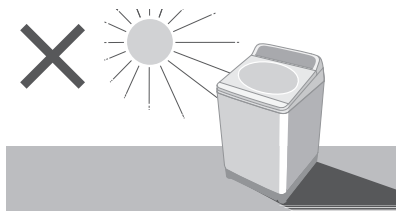
Gunakan set hos baru.



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

Boleh menyebabkan kegagalan.

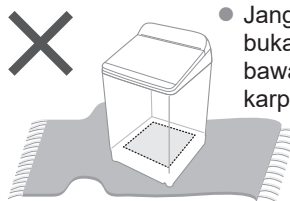
Jauhi mesin daripada cahaya matahari terik atau haba.



Jangan basuh barang kalis air.

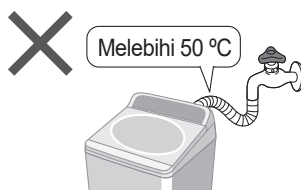


Jangan halang.



- Jangan halang bukaan muka bawah dengan karpet, dll.

Jangan gunakan air panas.



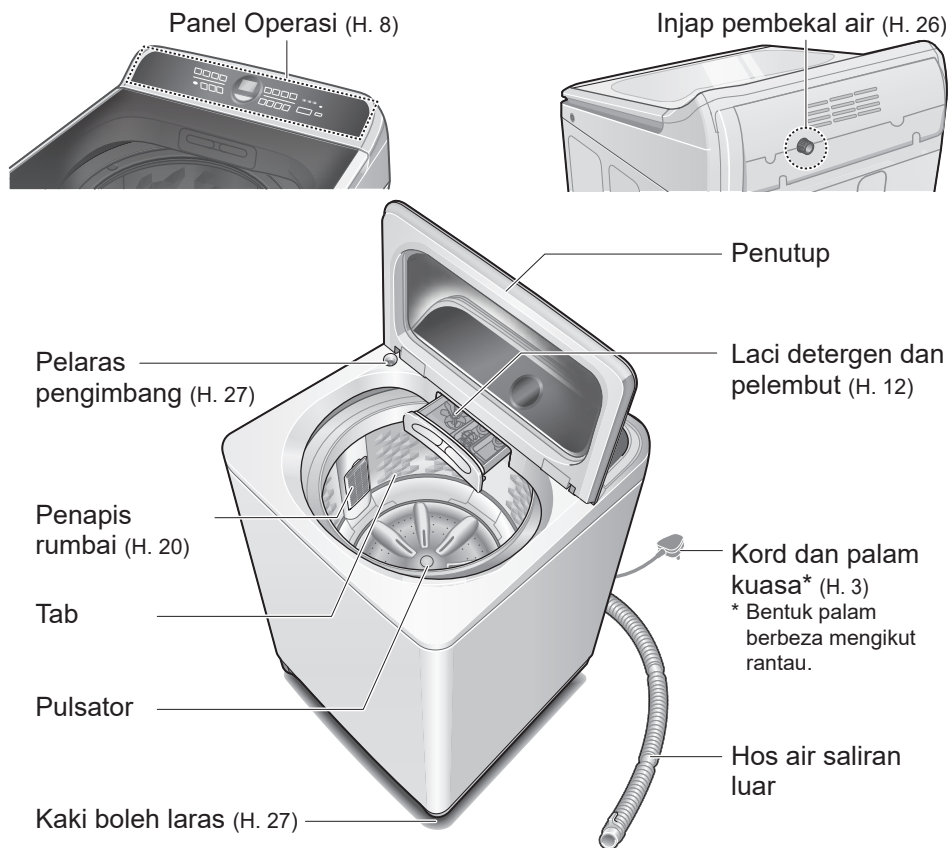
Hanya untuk barang boleh dibasuh mesin.



- Perkakas ini dimaksudkan untuk digunakan dalam rumah tangga. Peranti ini tidak dimaksudkan untuk digunakan dalam keadaan seperti:
 - Kawasan dapur kakitangan di kedai, pejabat dan persekitaran kerja lain;
 - rumah ladang;
 - oleh pelanggan di hotel, motel dan persekitaran jenis kediaman lain;
 - persekitaran jenis katil dan sarapan pagi;
 - kawasan untuk kegunaan bersama di blok rumah pangsa atau di kedai makan.

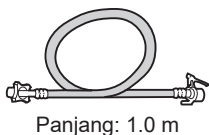
Nama Bahagian / Kelengkapan

Nama bahagian



Kelengkapan

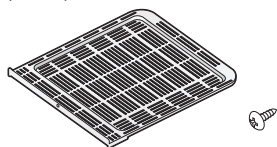
☐ Hos pembekal air (1) (H. 26)



☐ Hos air saliran luar (1) (H. 25)



☐ Penutup bawah (1) / Skru (1) (H. 25)



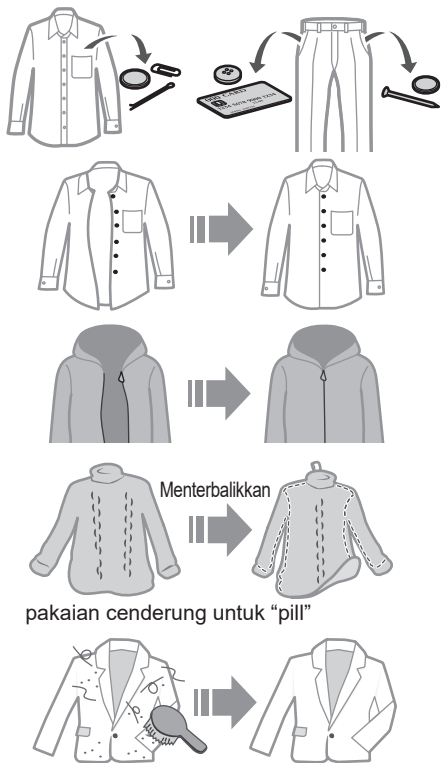
☐ Penyesuai pili air (1) (H. 26)



Sebelum Membasuh

Persediaan dan pemeriksaan basuhan

Pemeriksaan sebelum membasuh



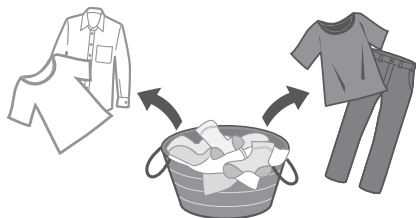
Menterbalikkan

pakaian cenderung untuk "pill"

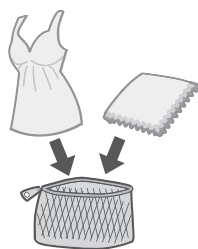


Lampin kertas

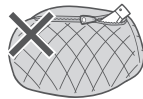
Untuk mengelakkan pudar



Menggunakan jaring dobi untuk kain halus



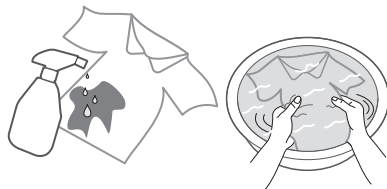
Berlebihan



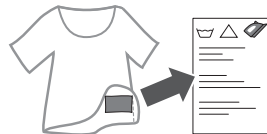
Air Dry (90 min)

Untuk "Stain Master +" (H. 16)

- Pretreatments untuk noda berat



- Mematuhi label penjagaan pakaian



- Untuk



- Pakaian berwarna
- Baju dengan fabrik yang keras



- bahan getah



- Baju grafik



Panel Operasi

Tukar tetapan proses (H. 14)



Berkelip
(dalam
kemajuan)

Jumlah air



77 L

▼ kira-kira
5 saat

Baki masa

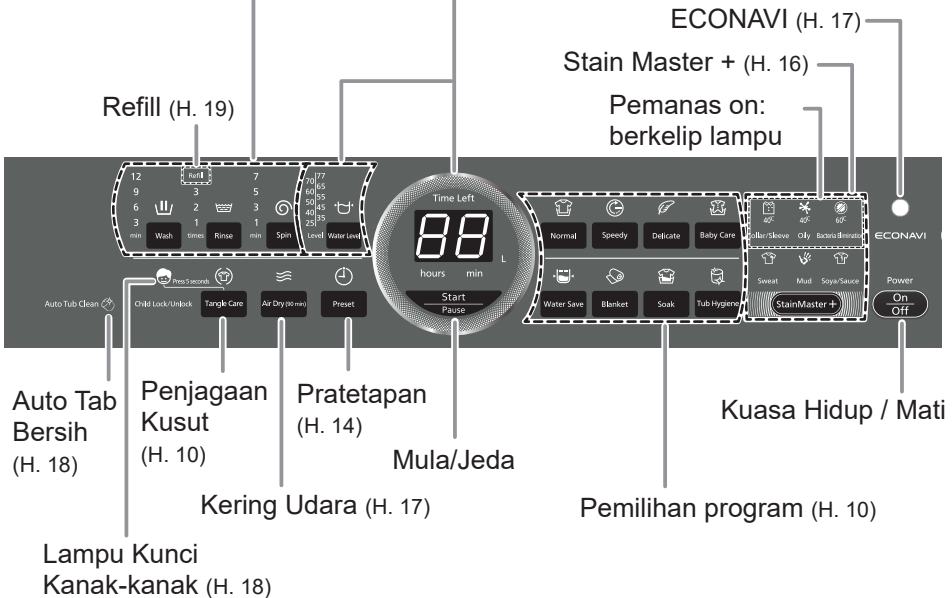


Time Left
60 min

Jumlah detergen

Jumlah air (L)			Detergen *
77	70	65	
60	55	50	
45	40	35	
25			

* : 1 sudu detergen

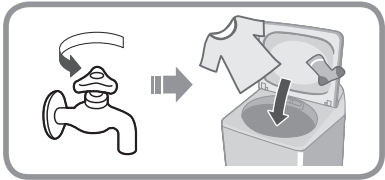


NOTA

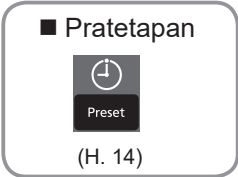
- Sekiranya bekalan kuasa terputus.
 - ⇒ Apabila kuasa pulih, operasi akan bersambung semula dari mana ia berhenti.
- Jika anda tidak menekan dalam masa 10 minit selepas kuasa hidup.
 - ⇒ Kuasa akan mati secara automatik.
- Penetapan proses mencuci program “Stain Master +” dan “Soak (Rendam)” tidak boleh diubah.

Membasuh

1



2



(H. 10)

(H. 14)

3



Mengukur jumlah dobi



10 saat



5 saat



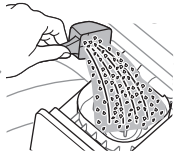
20 saat



4



(H. 8)



(H. 12)

5



■ Selepas menekan “Start (Mula)”

- Untuk menukar setiap operasi (semasa membasuh).

- Untuk memeriksa atau menukar paras air (semasa membasuh). →
- Anda tidak boleh menukar program tersebut.

9

Pelbagai Program

	Program	Tujuan	Kapasiti maksimum (kg)
Basuh	 Normal (Biasa) (H. 9)	● Pakaian harian 	12.5
	 Tangle Care (Penjagaan Kusut) (H. 9)	● Anti-kusut • Mencuci lebih lembut daripada “Normal” untuk mengurangkan kusut. • Melerai kusut pakaian selepas memutar: 6 kg atau lebih rendah.	
	 Speedy (Cepat) (H. 9)	● Untuk kotoran ringan 	12.5
	 Delicate (Halus) (H. 15)	● Membasuh dengan lembut 	4.2
	 Baby Care (Penjagaan Bayi) (H. 9)	● Pakaian untuk bayi & mereka yang berkulit sensitif Membilas sebersih-bersihnya 	12.5
	 Water Save (Jimat Air) (H. 9)	● Menjimatkan air 	12.5
	 Blanket (Selimut) (H. 15)	● Selimut  Dengan tag mesin yang boleh dibasuh	4.2

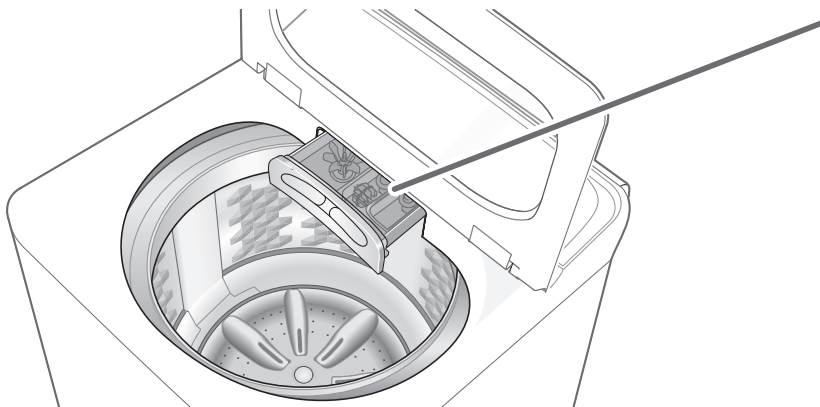
	Program	Tujuan	Kapasiti maksimum (kg)
Basuh	 Soak (Rendam) (H. 9)	● Untuk sangat kotor Prarendam untuk membasuh 	12.5
	StainMaster + (H. 16)	● Untuk jenis noda yang berikut	5.0
	Kotoran ringan  Sweat (Peluh)		
	 Mud (Lumpur)		
	 Soya/Sauce (Kicap/Sos)		
	 Collar/Sleeve (40 °C) (Kolar/Lengan)		
	Kotoran berat  Oily (40 °C) (Berminyak)		
	Bacteria Elimination (60 °C) (Penyingkiran Bakteria)		
Dry	 Air Dry (90 min) (Kering Udara) (H. 17)	● Mengeringkan pakaian gentian sintetik 	2.0
Maintenance		● Pengeringan tab 	—
	 Tub Hygiene (Kebersihan Tab) (H. 23)	● Pencucian tab Mencegah kulupuk dan bau busuk 	—

NOTA

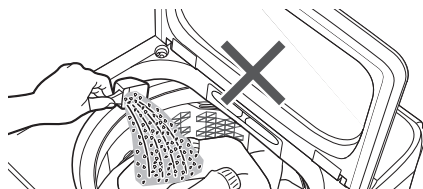
- Program “Normal (Biasa)” dan program “Water Save (Jimat Air)” disyorkan untuk beban dengan kotoran biasa pada kapasiti terkadar mesin basuh ini.

Detergen / Pelembut / Peluntur

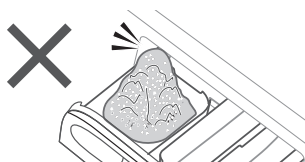
- Ikut arahan di setiap bungkusannya.
- Untuk pembersihan (H. 21)
- Tutup laci detergen dan pelembut sepenuhnya sebelum digunakan.



Detergen



- **Jangan masukkan detergen terus ke dalam tab.**
- Tahap berbuih bergantung kepada keadaan seperti saiz beban, takat kekotoran, jenis detergen, dan kekerasan air.

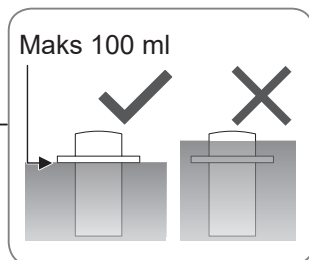
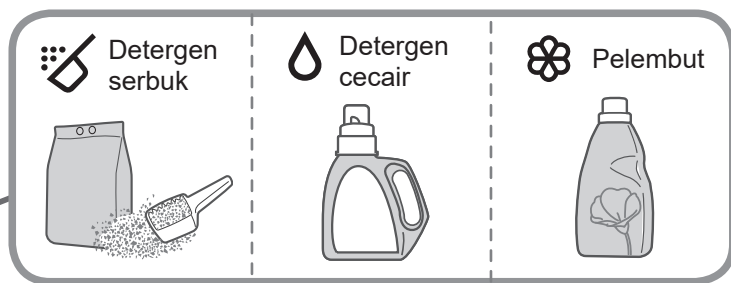


Peluntur

Peluntur memutihkan
(peluntur klorin)



- Untuk menggunakan peluntur, letakkan peluntur dalam petak detergen serbuk (untuk peluntur serbuk) atau dalam petak detergen cecair (untuk peluntur cecair).

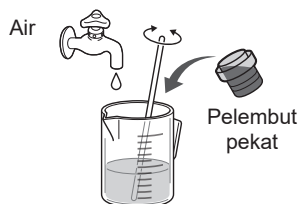


Pelembut

- Untuk menambah pelembut semasa operasi:



Jangan gunakan pelembut terasing atau pepejal.



- Bahan pelembut tidak boleh digunakan dengan program "Water Save (Jimat Air)".

Pilihan Membasuh

Pratetapan

Tetapkan berapa jam kemudian untuk menyelesaikan operasi.

1



2



▼ 2 saat

Semua tanda-tanda lain dimatikan.



Normal	2 - 24
Speedy	1 - 24
Delicate	-
Baby Care	2 - 24
Water Save	2 - 24
Blanket	-
Soak	3 - 24
StainMaster +	(H. 16)
Air Dry (90 min)	-
Tub Hygiene	-

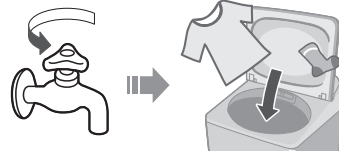
- Untuk mengesahkan



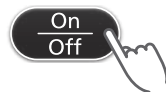
- Untuk membatalkan atau menukar



Wash (Basuh) / Rinse (Bilas) / Spin (Perah)



1



2



3



NOTA

- Tidak tersedia untuk "Tangle Care (Penjagaan Kusut)".



Delicate (Halus)

65 L	4.2 kg
55 L	3.0 kg

NOTA



Peluntur



Detergen halus
cecair

■ Selepas operasi berakhir

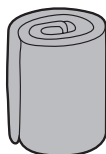


Keluarkan pakaian
dengan segera.



Blanket (Selimut)

Maksimum jumlah air	4.2 kg • Gentian sintetik 100 % • Kapas 100 %
------------------------	---



NOTA



Detergen
serbuk



Detergen
cecair

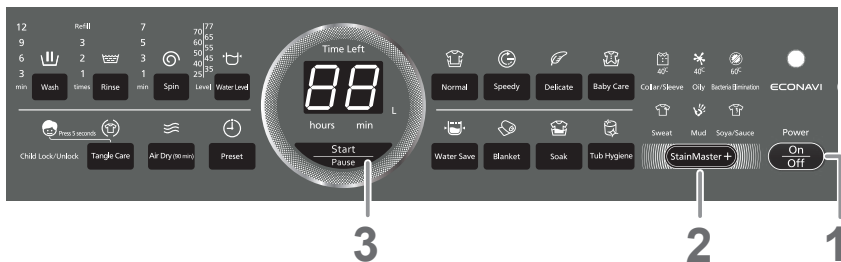
NOTA

- Penunjuk jumlah air menunjukkan jumlah maksimum dan tidak boleh ditukar.

Pilihan Membasuh (sambungan)

Stain Master +

Persediaan: (H. 7)



1



2



■ Pratetapan pembersih (jam) (H. 14)

Collar/Sleeve:	3 - 24
Oily:	3 - 24
Bacteria Elimination:	4 - 24
Orang lain:	2 - 24

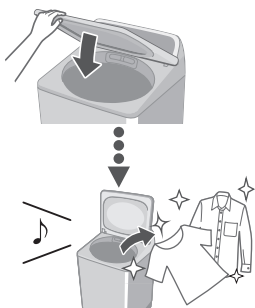
3



4

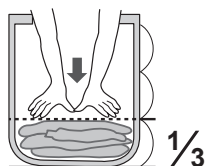


5

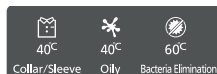


NOTA

- Maks 5.0 kg



- Jumlah maksimum air: 65 L
- Anda tidak boleh mengubah tetapan proses basuhan program ini.
- Semasa menggunakan

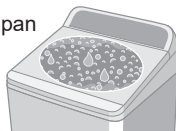


- Pastikan penutup ditutup.



- Pemeluwapan embun mungkin terhasil pada penutup, dll..

Pemeluwapan



Air Dry (90 min) (Kering Udara (90 min))

Air disingkirkan daripada pakaian dengan tiupan udara daripada putaran tab.

- Pakaian kering: Gentian sintetik (Mask 2.0 kg)

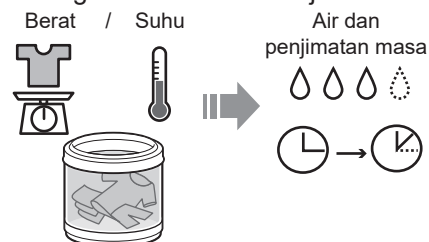


NOTA

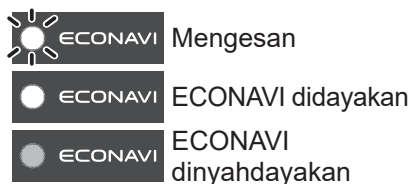
- Basuhan mungkin tidak cukup kering (bergantung pada jumlah dan jenis pakaian dan suhu).
- Memandangkan tiada alat pemanas digunakan untuk fungsi ini, anda mungkin berasa bahawa cucian sejuk dan tidak cukup kering.

ECONAVI

- Program "Normal" sahaja



■ Penunjuk lampu



■ Hidup / matikan



* Keadaan ujian:

- Program "Normal (Biasa)"
- Perbandingan antara operasi yang mendayakan ECONAVI (jumlah basuhan: 2.0 kg, suhu air: atas 35 °C) dan operasi yang melumpuhkan ECONAVI (jumlah basuhan: 12.5 kg (kapasiti terkadar), suhu air: di bawah 15 °C)
- Ujian dijalankan berdasarkan IEC60456 kecuali untuk suhu air.

Fungsi Menyenangkan

Menetapkan Auto Tab Bersih

Mencegah kulupuk, tersedia dengan semua program kecuali "Water Save (Jimat Air)" dan "Air Dry (Kering Udara)".

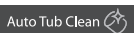
■ Penunjuk lampu



Mengesan



Fungsi didayakan

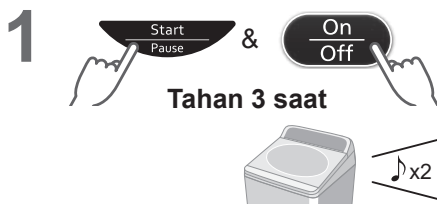


Fungsi dinyahdayakan

■ Hidup / matikan

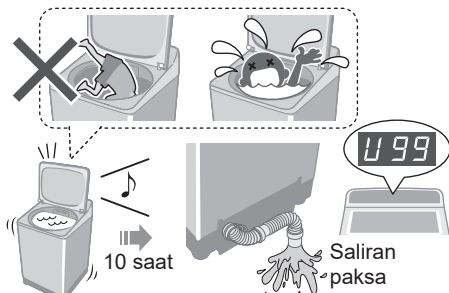


Membatalkan pembaz akhir



■ Menetapkan semula:
prosedur yang sama

Menetapkan Child Lock (Kunci Kanak-kanak)

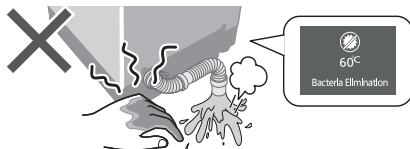


* Fungsi ini tidak mengunci penutup dan operasi butang.

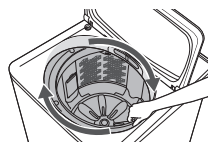


■ Membatalkan: prosedur yang sama

NOTA



Memusing tab dengan tangan



Kandungan Program

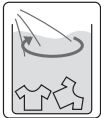
Program		Jumlah masa* ¹ (anggaran)	Wash (Basuh) (minit)	Rinse (Bilas)* ² (kali)	Spin (Perah) (minit)
	Normal (Biasa)	65	10	2	7
	Speedy (Cepat)	45	3	2	5
	Delicate (Halus)	50	9	2	1
	Baby Care (Penjagaan Bayi)	70	10	2	7
	Water Save (Jimat Air)	85	12	4	5
	Blanket (Selimut)	70	12	2	5
	Soak (Rendam)	125 * ²	71 (Rendam 59)	2	7
Stain Master +	Sweat (Peluh)	65	13	2	7
	Mud (Lumpur)	85	32	2	7
	Soya/Sauce (Kicap/Sos)	105 * ²	54 (Rendam 29)	2	7
	Collar/Sleeve (Kolar/Lengan)	140 * ²	33 * ³	2	7
	Oily (Berminyak)	145 * ²	38 * ³	2	7
	Bacteria Elimination (Penyingkiran Bakteria)	185 * ²	30 * ³	2	7
	Tub Hygiene (Kebersihan Tab)	150 * ²	65 (Rendam 62)	2	30

*1 Jumlah masa adalah anggaran (Apabila kadar standard bekalan air 15 L / min dan suhu air adalah bersuhu 28 °C).

*2 Baki masa 99 minit atau kurang akan dipaparkan. 

*3 Tidak termasuk masa pemanasan air. Simbol  akan dipaparkan semasa proses pemanasan air.

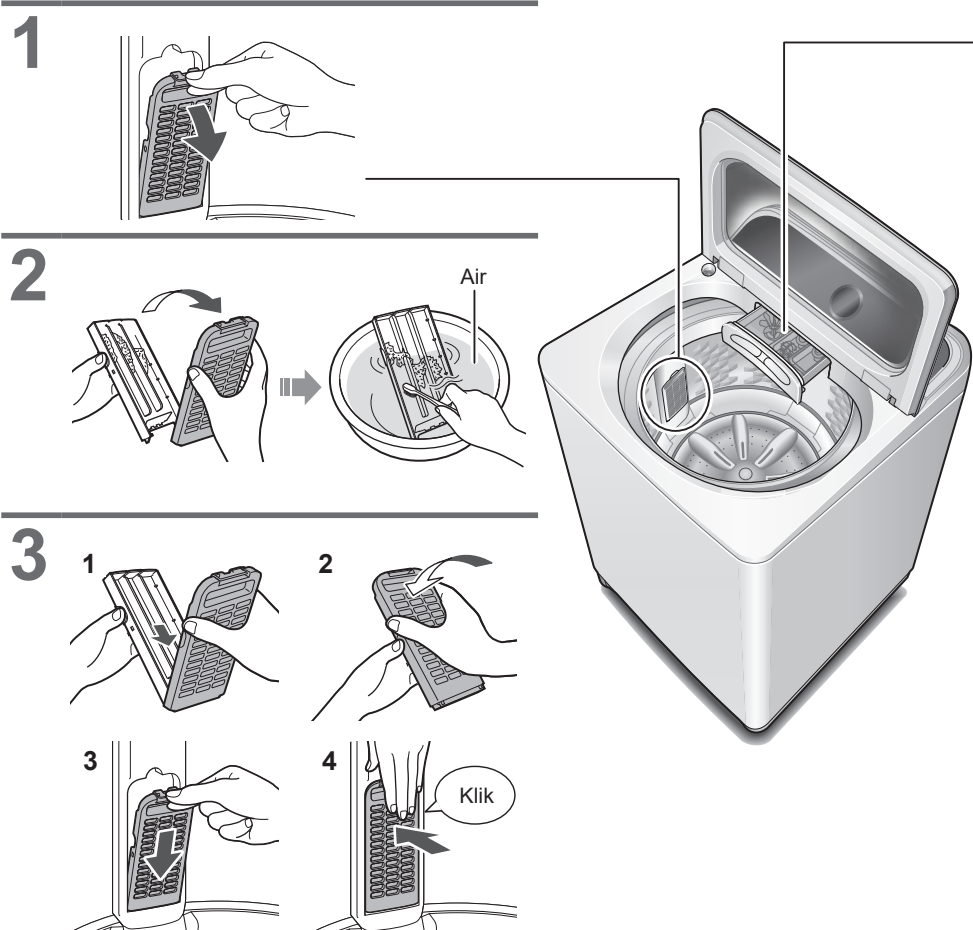
● “Refill”: untuk mengisi air ke dalam tab dan kemudian membilas muatan sambil membekalkan air.



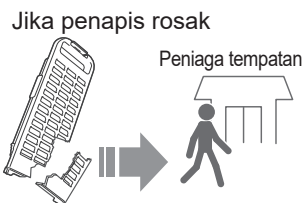
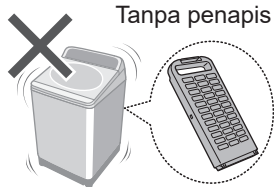
Penyenggaraan

Penapis rumbai

Selepas setiap operasi



NOTA



Laci detergen dan pelembut

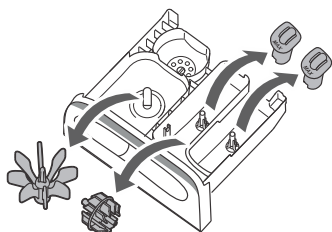
Jika ada kotoran sisa detergen atau pelembut

1

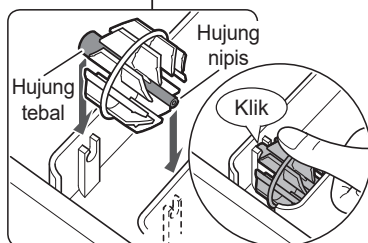
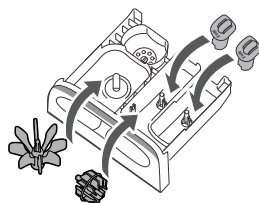


Keluarkan

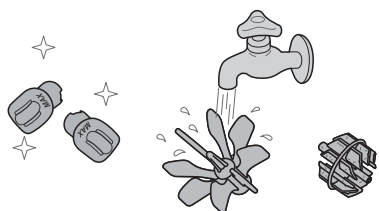
2



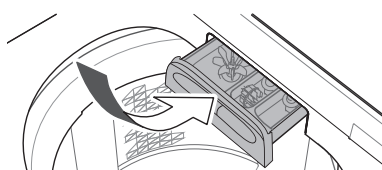
4



3



5



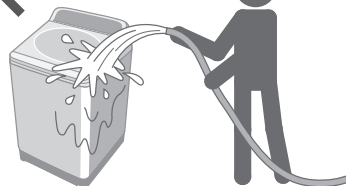
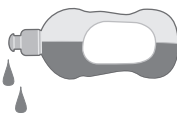
Lampirkan

Unit utama, penutup



Untuk kotoran degil

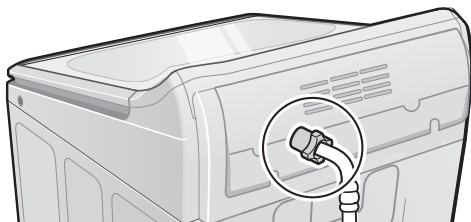
Pencuci neutral
untuk dapur



Penyenggaraan (sambungan)

Penapis bekalan air

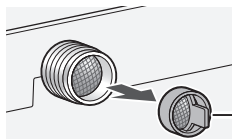
Jika air tidak mengalir dengan lancar



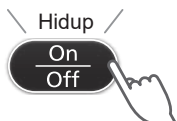
1



5



2



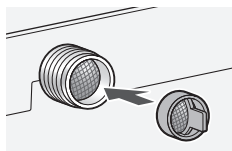
6



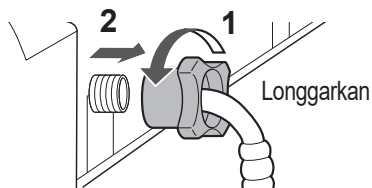
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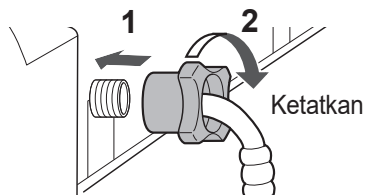
7



4



8



Tab

Sekali seminggu <Air Dry (Kering Udara)>

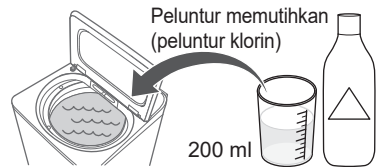


Sekali sebulan <Tub Hygiene (Kebersihan Tab)>

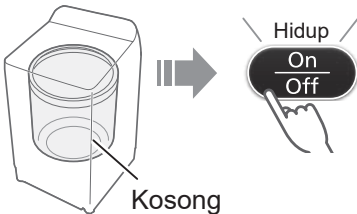
1



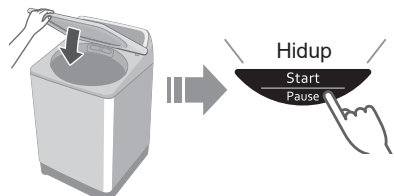
5



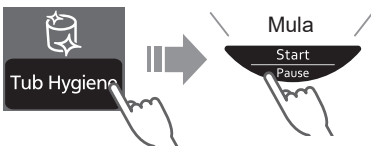
2



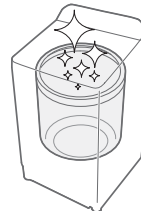
6



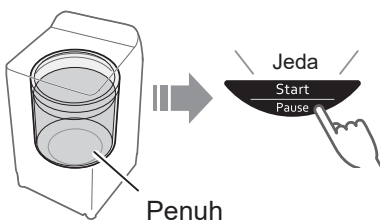
3



Anggaran 2.5 jam

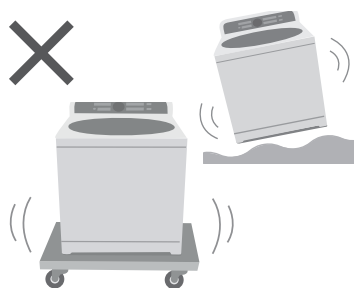


4



Pemasangan

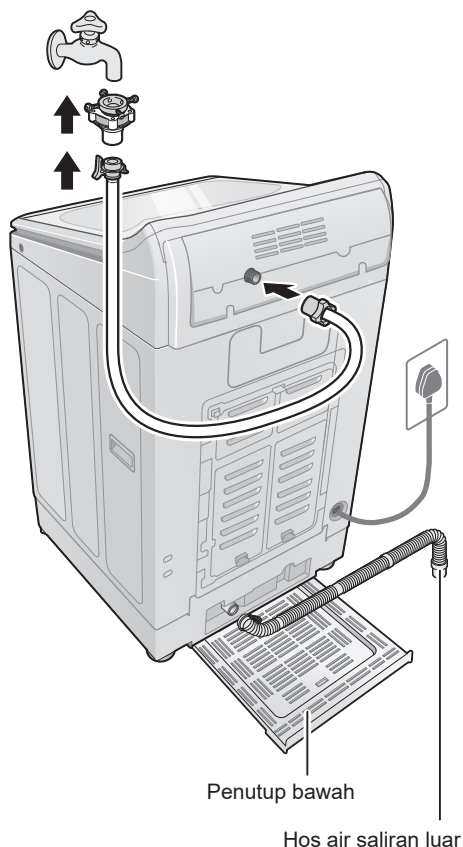
Periksa lokasi.



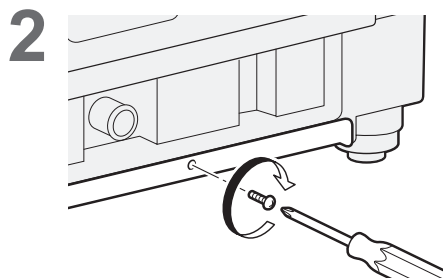
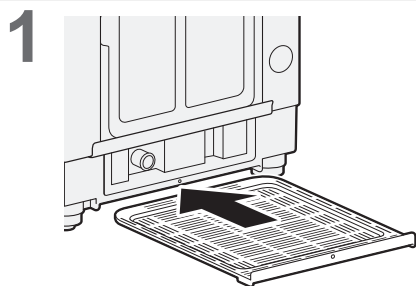
Pastikan anda meminta juruservis melakukan pemasangan.



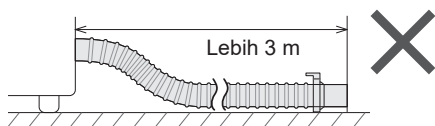
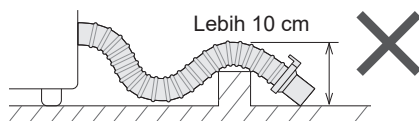
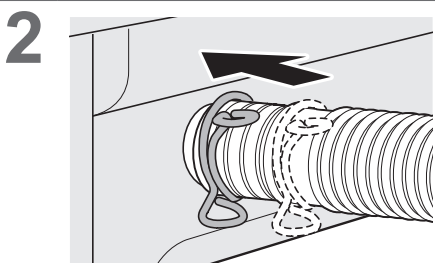
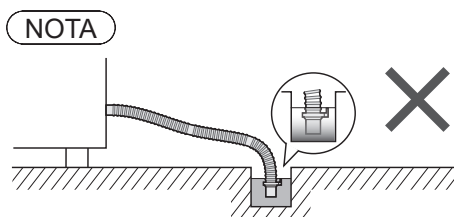
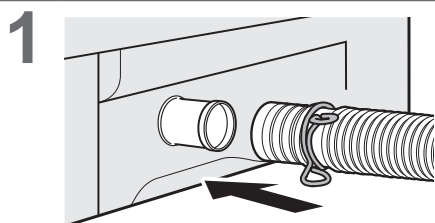
- Jangan pasang sendiri.
- Mengikut kaedah pemasangan ini. Jika kamu tidak, Panasonic tidak akan bertanggungjawab atas sebarang kemalangan atau kerosakan.



Pasangkan penutup bawah

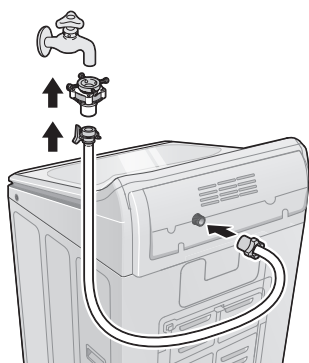


Pasangkan hos air saliran luar

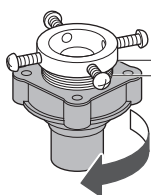


Pemasangan (sambungan)

Sambungkan hos bekalan air

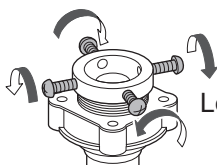


1



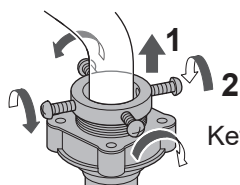
Bebenang:
kira-kira
4 mm

2



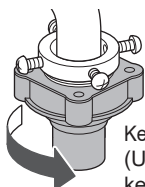
Longgarkan

3



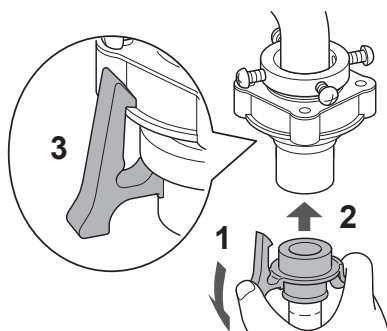
Ketatkan

4

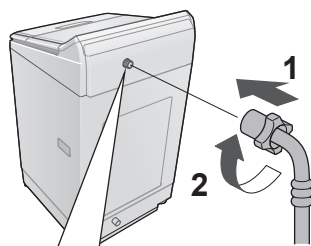


Ketatkan dengan kukuh
(Untuk mencegah
kebocoran air).

5



6



3

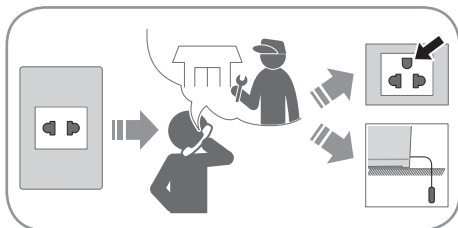
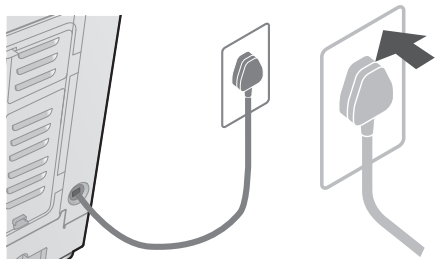
Periksa bahawa
sikunya tidak longgar.



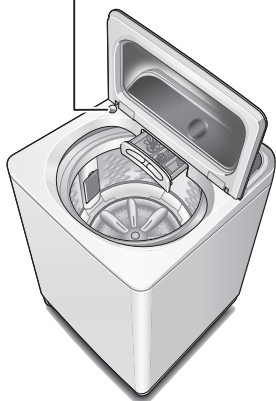
AWAS

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

Sambungkan palam kuasa dan wayar pembumian

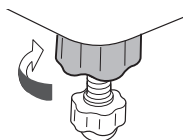


Pastikan mesin basuh adalah sekata

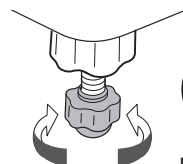


■ Jika gelembung adalah di luar tanda

Longgarkan

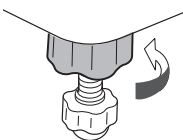


Melaraskan

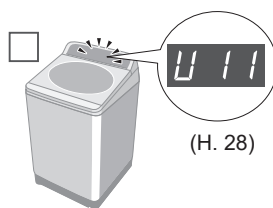
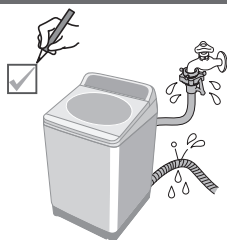


Dalam tanda

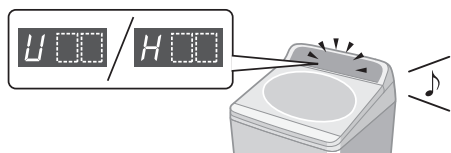
Ketatkan



Operasi percubaan



Paparan Ralat



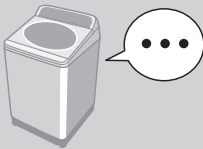
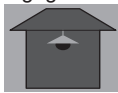
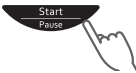
■ Persediaan

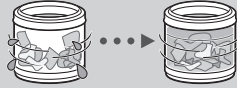
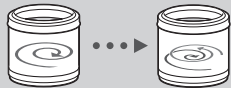
Batalkan Kunci Kanak-kanak (H. 18) jika ia telah ditetapkan.

Paparan ralat	Perkara perlu diperiksa
U 11 Air tidak boleh disalurkan keluar.	1 Semak 2 ✗ ✗ ✗ ✗ Lebih 10 cm ✗ Lebih 3 m
U 12 Penutup terbuka.	1
U 13 Perah atau "Kering Udara" tidak boleh dipilih.	Tidak sekata 1 Sekata 2 Tidak stabil atau condong 1 Stabil 2

Paparan ralat	Perkara perlu diperiksa
U 14 Air tidak boleh dibekalkan.	
U 99 Air disalurkan keluar secara paksa.	
H Pemeriksaan diperlukan.	

Penyelesaian Masalah

	Gejala	Perkara perlu diperiksa
Masa	Penunjuk masa meningkat atau tidak menurun. 	Petunjuk masa adalah anggaran sahaja. Baki masa diperbetulkan semasa operasi. 
	Lebih lama daripada penunjuk masa. 	Apabila pakaian tidak sekata.  Apabila saluran air tidak baik.  Apabila bekalan air tidak baik. 
	Operasi ini melewati masa pratetapan. 	⇒ Masa operasi menjadi lebih lama.
Unit utama	Tiada operasi 	☐ Semak ● Kegagalan kuasa  ● Masa pratetapan 
		☐ Mencuba ● Tutup tudung.  ● Hidupkan.  ● Masukkan plag kuasa sepenuhnya.  ● Tekan "Mula".  ● Hidupkan pemutus litar 
	Tidak dapat menukar tetapan proses (selepas memulakan). 	☐ Mencuba ● Semasa proses membasuh 1 Jeda  2  3 Mula 

	Gejala	Perkara perlu diperiksa
Basuh	Air dibekalkan semasa mencuci. 	Apabila paras air menurun.  Apabila jumlah dobi besar.  ⇒ Air ditambah secara automatik.
	Paras air Terlalu tinggi 	Apabila pakaian basah.  Apabila terdapat air di dalam tab sebelum operasi.  ⇒ Paras air mungkin lebih tinggi.
	Terlalu rendah 	Dengan pakaian ringan (gentian sintetik, dll.).  ⇒ Paras air mungkin lebih rendah.
Bilas	Operasi bermula dengan proses bilas, namun, air tidak dibekalkan.. 	Apabila tiada air dalam tab.  ⇒ Air dibekalkan selepas perah. Apabila terdapat air di dalam tab.  ⇒ Air dibekalkan selepas air sedia ada dibuang dan perah.
Perah	Perubahan perah untuk bilas. Bilas bermula bukan perah. 	
	Putaran tidak tetap 	Kelajuan putaran tab dilaraskan bagi mengurangkan getaran. 

Penyelesaian Masalah (sambungan)

	Gejala	Perkara perlu diperiksa
Lain-lain	Kegagalan kuasa / Pemutus litar mati. 	Apabila kuasa pulih semula, operasi akan bersambung semula dari mana ia berhenti. 
	StainMaster+ tidak memberi kesan. 	☐ Semak ● Di bawah 5.0 kg  ☐ Memcuba ● Prarawatan (H. 7)  ● Dipilih mengikut jenis kotoran. (H. 11) 

Spesifikasi

No. Model	NA-FD12VR1
Voltan terkadar	220 - 240 V
Frekuensi terkadar	50 Hz
Penggunaan kuasa terkadar	1475 - 1750 W
Jumlah air standard	77 L
Kapasiti maksimum (Pakaian kering)	12.5 kg
Ukuran produk	639 mm (L) x 724 mm (D) x 1069 mm (T)
Berat produk	41 kg
Tekanan air paip	0.01 - 1 MPa