

Operating & Installation Instructions

Fully Automatic Washing Machine
(Household Use)

Model No. **NA-FD180V3**
NA-FD165V3
NA-FD145V3



Contents

Safety Precautions	2
Part Names / Accessories	6
Before Washing	7
Operation Panel	8
Washing	9
Variety of Programs	10
Detergent / Softener / Bleach	12
Washing Options	14
• Preset	
• Wash / Rinse / Spin	
• Delicates	
• Blanket	
• Stain Master +	
• Air Dry (90 min)	
• ECONAVI	
Convenient Functions	18
Contents of Programs	19
Maintenance	20
Installation	24
Error Display	28
Troubleshooting	30
Specifications	32

Thank you for purchasing this product.

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

AWW9901CFMC0-0C0

A0724-0(M)

Printed in Vietnam

07-2024



Safety Precautions



WARNING

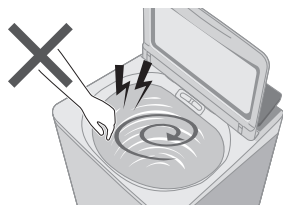
May cause serious injury or death.

Children must not use it alone.

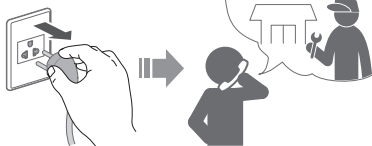


- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children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

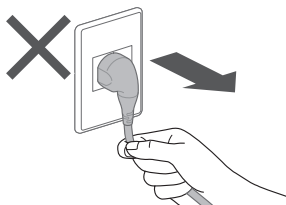


May cause fire or electric shock.

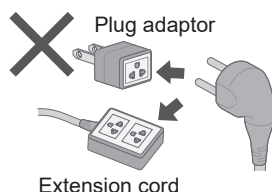
Do not touch it with wet hands.



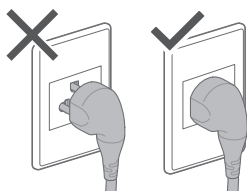
Do not hold or pull on the cord.



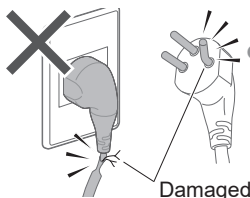
Do not use.



Fully insert it.

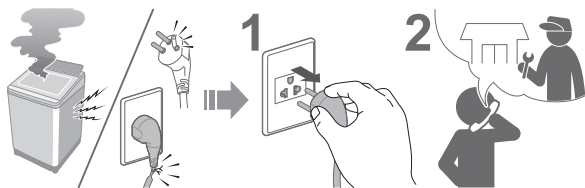


Do not use.

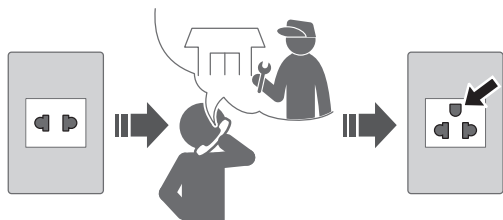


- If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

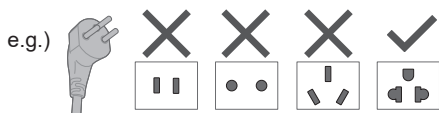
In case of failure or damaged power cord, stop use and ask the service centre.



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

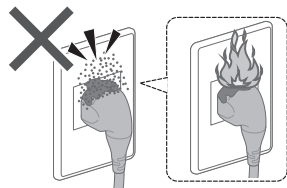


Use a socket appropriate for this appliance.



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

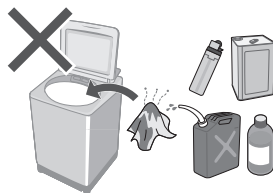
Accumulated dust may cause fire.



Wipe the power plug periodically.



Keep away from flammable materials.



May cause failure.

Never disassemble, repair or modify it by yourself.



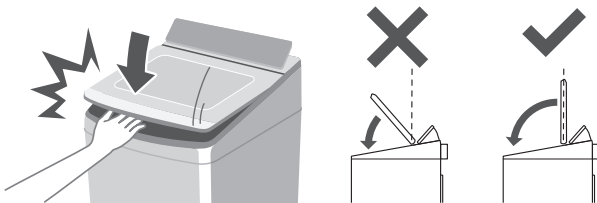
Safety Precautions (continued)



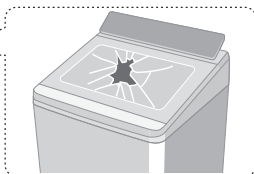
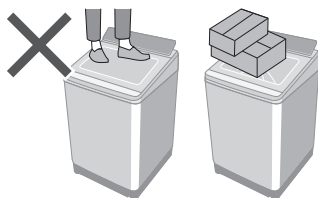
CAUTION

May cause injury.

Be careful not to get your fingers caught.



Do not climb or put objects on the appliance.

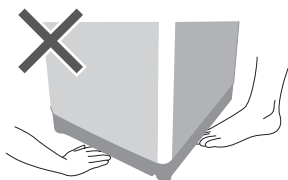


- If the lid is broken, immediately stop using.

Do not touch when it is hot.

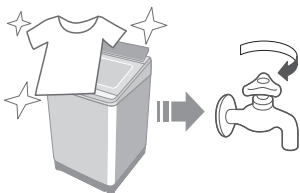


Be careful of your hands and feet.

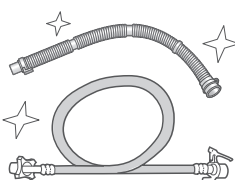


May cause water leakage.

Turn off the water faucet.



Use new hose-sets.

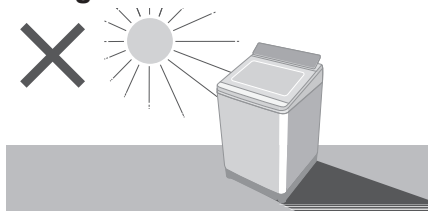


- New hose-sets supplied with the appliance are to be used and old hose-sets should not be reused.

■ For maximum mass of dry cloth and pressure of tap water, see Page 32.

May cause failure.

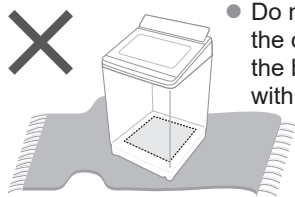
Keep away from heat and direct sunlight.



Do not wash waterproof items.

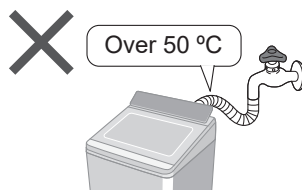


Do not obstruct.



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

Do not use hot water.



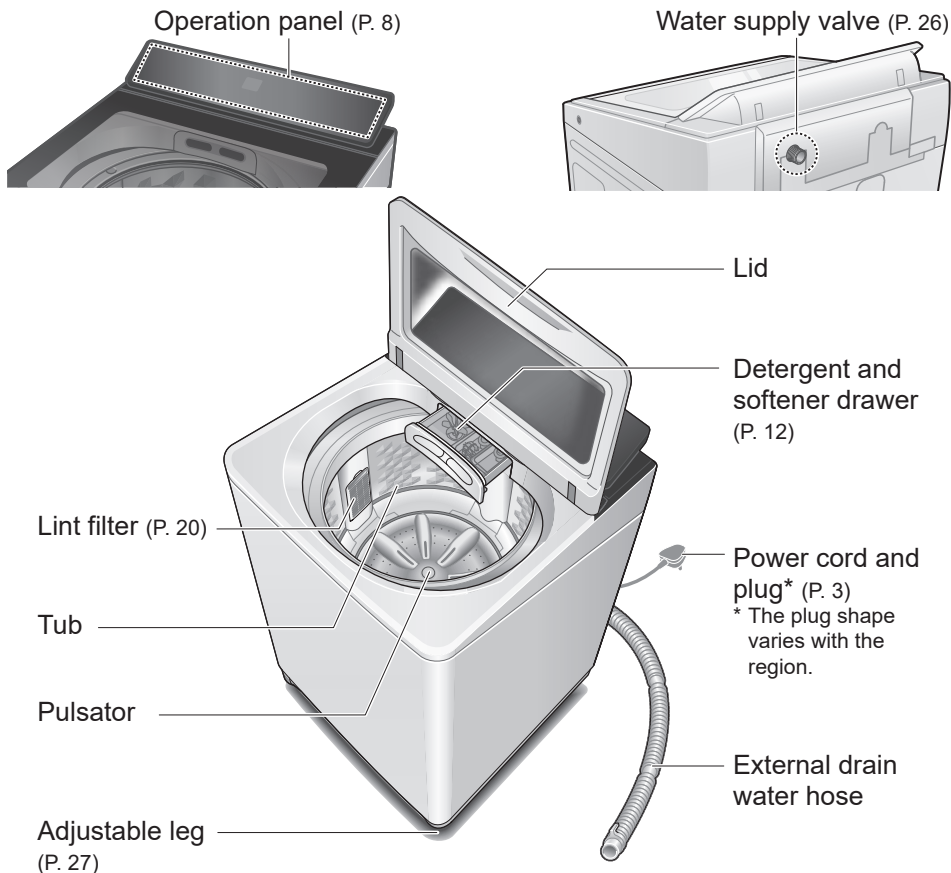
For Machine-washable items only.



- This appliance is intended to be used in household. This appliance is not intended to be used in applications such as:
 - Staff kitchen areas in shops, offices and other working environments;
 - farm houses;
 - by clients in hotels, motels and other residential type environments;
 - bed and breakfast type environments;
 - areas for communal use in blocks of flats or in laundrettes.

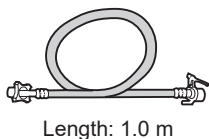
Part Names / Accessories

Part names

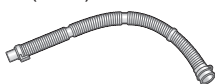


Accessories

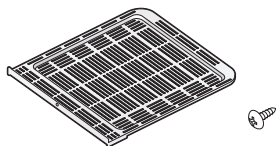
☐ Water supply hose (1)
(P. 26)



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



☐ Bottom cover (1) / Screw (1)
(P. 25)



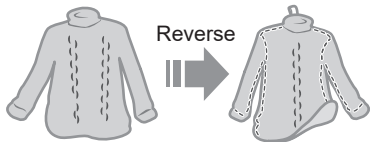
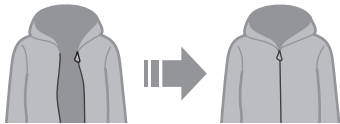
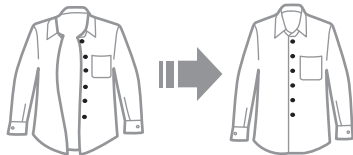
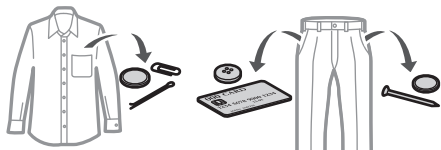
☐ Water tap adaptor (1) (P. 26)



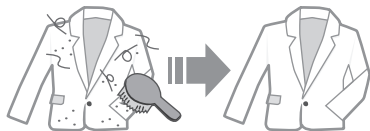
Before Washing

Laundry preparation and check

Pre-laundry check

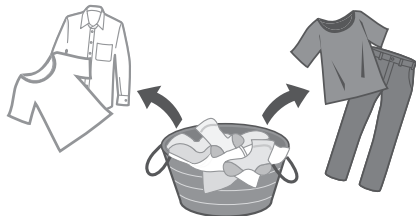


Clothes likely to pill

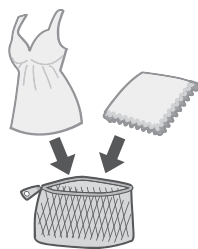


Paper diapers

To prevent colour staining

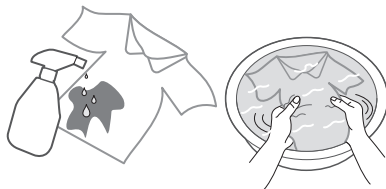


Use laundry nets for delicates



For "Stain Master +" (P. 16)

- Pretreatments for heavily stains



- Observe the clothes' care labels



- For  60°C Steam Bacteria / Allergy

- Coloured clothes
- Shirts with stiff fabric



- Rubber clothes
- Graphic shirts



Operation Panel

Change process settings (P. 14)



Flashing
(in progress)

Water amount



88 L

▼ Approx.
5 sec

Remaining time



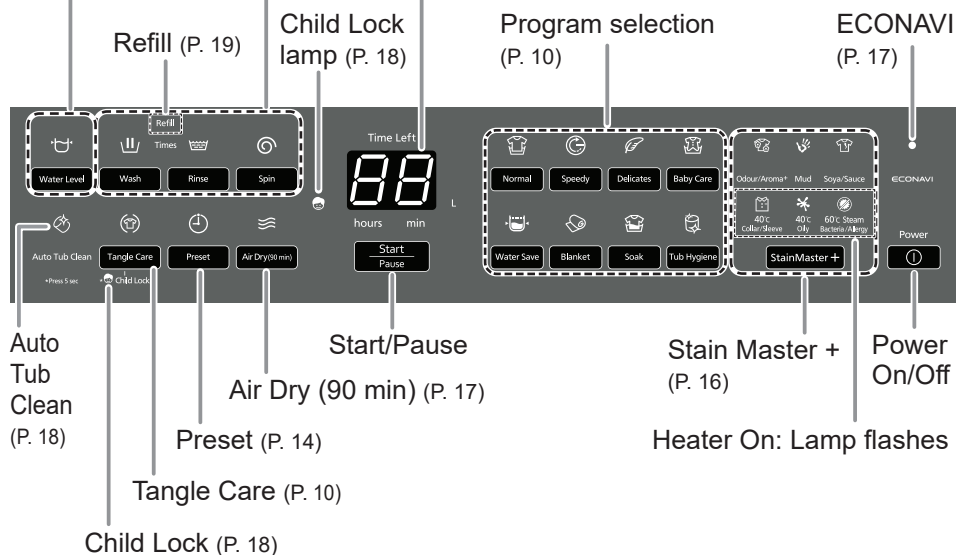
Time Left
60 min

Detergent volume

Water level (L)			Detergent *2
105 *1	88	81	
74	66	59	
52	46	38	
33			

*1 NA-FD180V3: 105 L
NA-FD165V3: 99 L
NA-FD145V3: 93 L
For water amount: 105L
display will show **RS**

*2 : 1 scoop of detergent



NOTE

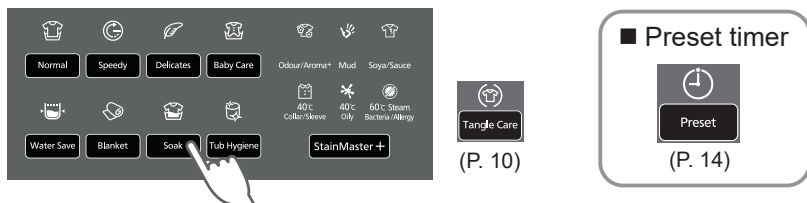
- In case of a power failure.
⇒ Operation will resume from where it stopped when the power recovers.
- If you do not press **Start/Pause** within 10 minutes after power-on.
⇒ Auto power off.
- The wash process setting of the “Stain Master +” and “Soak” programs cannot be changed.

Washing

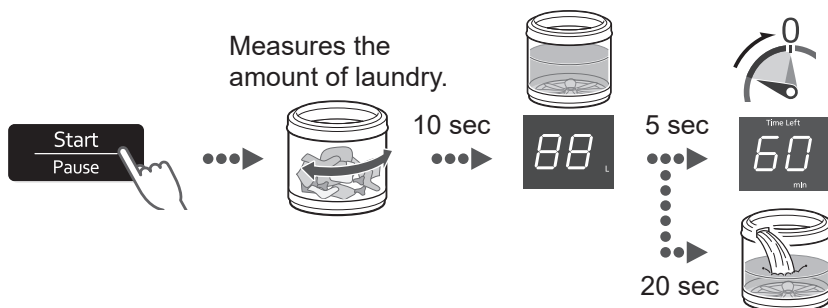
1



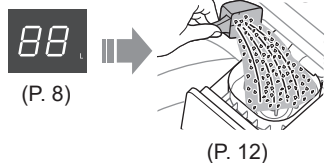
2



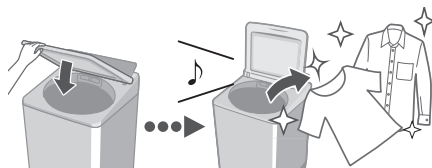
3



4

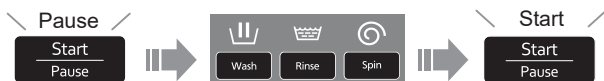


5



■ After pressing “Start”

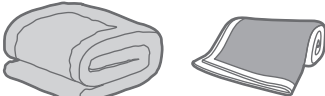
- To change each operation (while washing).



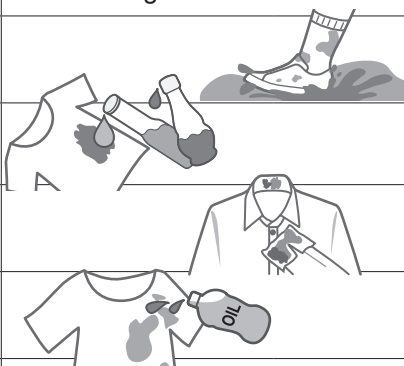
- To check or change the water level (while washing).
- You cannot change the program.



Variety of Programs

	Program	Purpose	Max. capacity * (kg)
Wash	 Normal (P. 9)	● Everyday clothes 	18.0 16.5 14.5
	 Tangle Care (P. 9)	● Anti-tangling • Washing more gently than “Normal” to reduce tangle. • Disentangling clothes after spin: 8 kg or less.	14.5
	 Speedy (P. 9)	● For light soil 	18.0 16.5 14.5
	 Delicates (P. 15)	● Washing gently 	5.0
	 Baby Care (P. 9)	● Clothes for babies & sensitive skin - Rinsing thoroughly 	18.0 16.5 14.5
	 Water Save (P. 9)	● Saving water 	18.0 16.5 14.5
	 Blanket (P. 15)	● Comforters and blankets  With a machine-washable tag	4.2

* Top: NA-FD180V3 / Middle: NA-FD165V3 / Bottom: NA-FD145V3

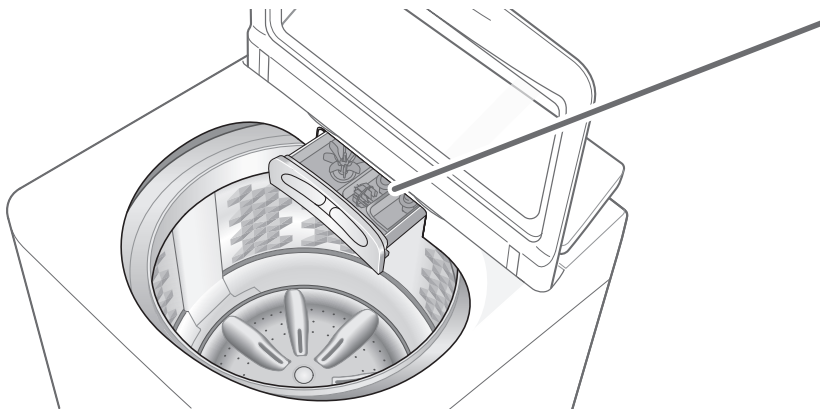
	Program	Purpose	Max. capacity * (kg)
Wash	 Soak (P. 9)	For heavy soil Presoaking to wash 	18.0 16.5 14.5
	StainMaster + (P. 16)	For the following stains	6.0
	Light Odour/ Aroma+ 	Use more softener to keep the scent longer	
	 Mud		5.0
	 Soya/Sauce		
	 Collar/Sleeve (40 °C)		
	 Oily (40 °C)		
	Bacteria/Allergy (60 °C Steam)		
Dry	 Air Dry (90 min) (P. 17, 23)	Drying synthetic fibre clothes 	3.0
		Tub drying 	—
	 Tub Hygiene (P. 23)	Tub cleaning Removing black mould and smell 	—

NOTE

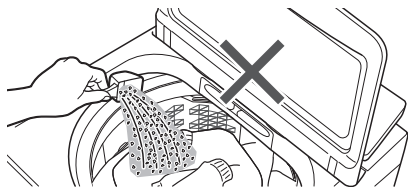
- “Normal” program and “Water Save” program are recommended for a normally soiled load at the rated capacity of this washing machine.

Detergent / Softener / Bleach

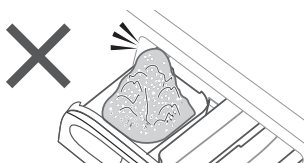
- Follow the instructions on each package.
- For cleaning (P. 21)
- Close auto dosing drawer completely before use.



Detergent



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

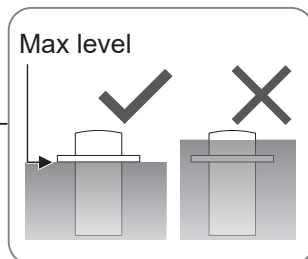
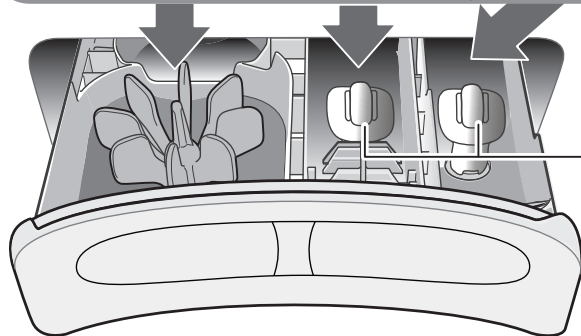
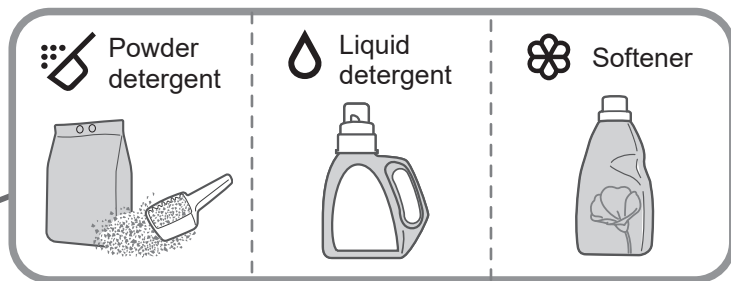


Bleach

Whiten bleach
(chlorine bleach)

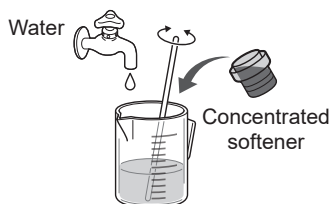


- To use bleach, put bleach in the powder detergent case (if bleach is in powder form) or liquid detergent case (if it is liquid bleach).



Softener

- To put softener while the machine is operating:



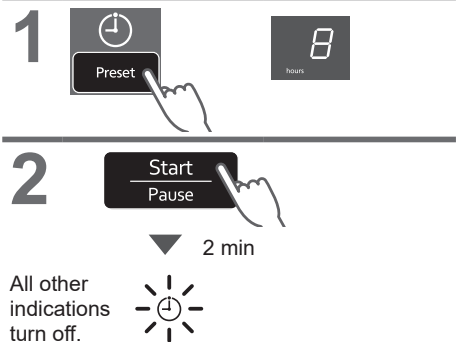
Do not use separated or solidified softeners

- 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	-

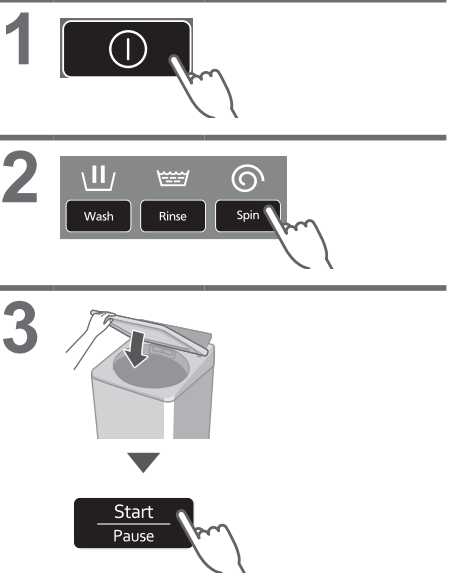
■ To confirm



■ To cancel or change



Wash / Rinse / Spin



NOTE
● Not available for “Tangle Care”.



Delicates

74 L	5.0 kg
66 L	3.0 kg
59 L	1.0 kg

NOTE



Bleach



Liquid delicate detergent



■ After operation ends



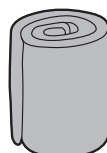
Take out immediately.



Blanket

Max. water amount *	4.2 kg • 100 % synthetic fibre • 100 % cotton
------------------------	--

* NA-FD180V3: 105 L / NA-FD165V3: 99 L / NA-FD145V3: 93 L



NOTE



Powder detergent



Liquid detergent



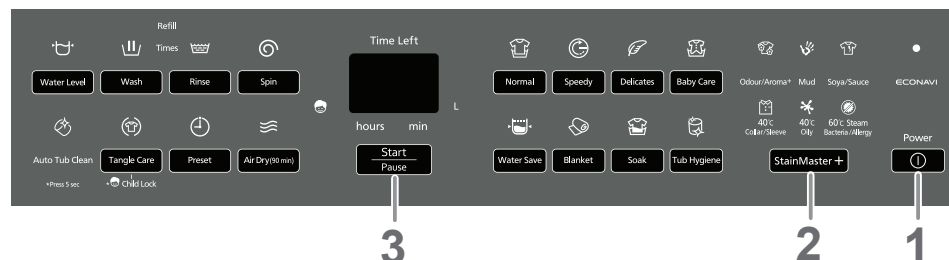
NOTE

- 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/Allergy: 4 - 24

Others: 2 - 24

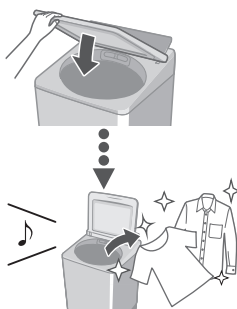
3



4

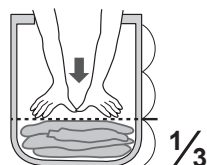


5

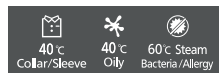


NOTE

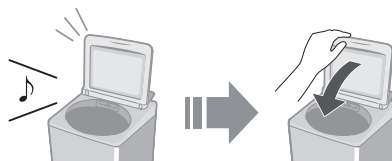
- Max. capacity (P. 11)



- Max. water amount
 - Bacteria/Allergy: 66L
 - Others: 81L
- You cannot change the wash process setting of this program.
- When using

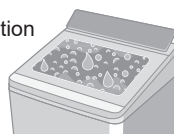


- Make sure to close the lid.



- 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. 3.0 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.

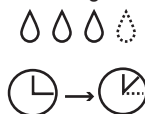
ECONAVI

● “Normal” program only

Weight / Temperature



Water and time saving*



■ Lamp indications



Detecting

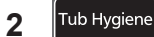


ECONAVI enabled



ECONAVI disabled

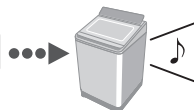
■ To turn on/off



Hold 3 sec



to select



* 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: 18.0 / 16.5 / 14.5 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

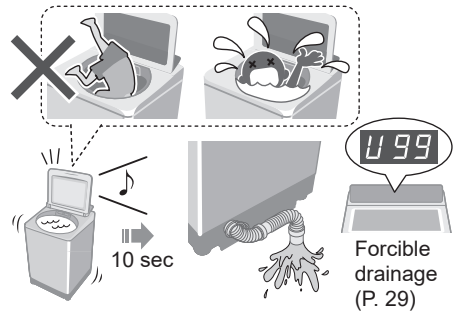


Function disabled

■ 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

Contents of Programs

Program		Total time* ¹ (min)	Wash (min)	Rinse (times)	Spin (min)
	Normal	65	9	2	7
	Tangle Care	75	13	2	7
	Speedy	50	3	2	5
	Delicates	50	9	2	1
	Baby Care	80	9	2	7
	Water Save	80	12	3	7
	Blanket	80	12	2	7
	Soak	130 ^{*2}	71 (Soak 59)	2	7
Stain Master +	Odour/Aroma+	85	13	2	7
	Mud	90	32	2	7
	Soya/Sauce	110 ^{*2}	54 (Soak 29)	2	7
	Collar/Sleeve	165 ^{*2}	33 ^{*3}	2	7
	Oily	170 ^{*2}	38 ^{*3}	2	7
	Bacteria/Allergy	190 ^{*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.

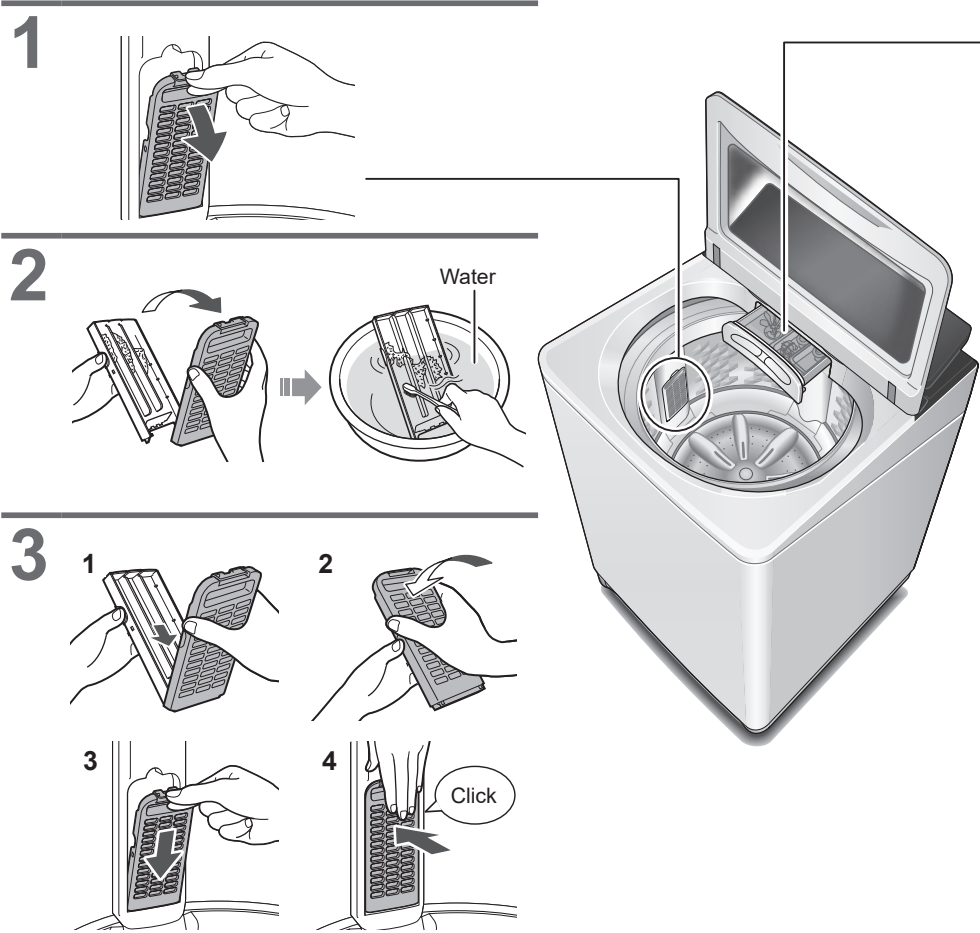
● “Refill”: to fill the tub with water and rinse while supplying water.



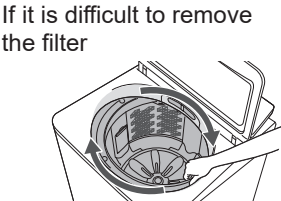
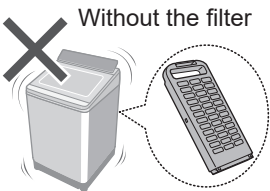
Maintenance

Lint filter

After each operation



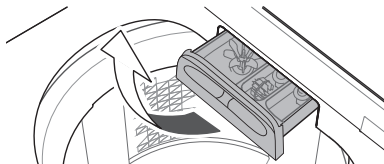
NOTE



Detergent and softener drawer

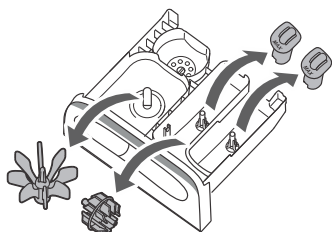
If stained with detergent or softener

1

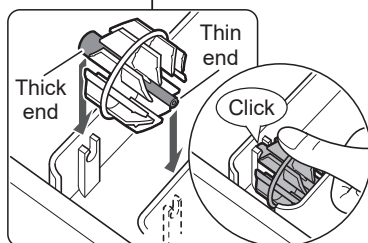
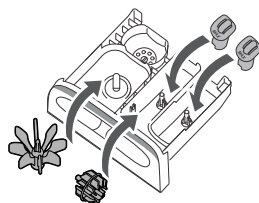


Remove

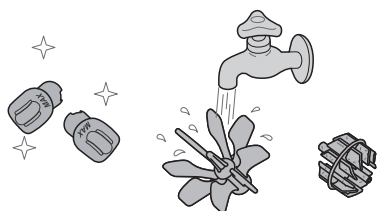
2



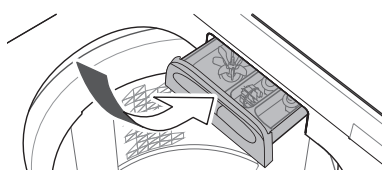
4



3



5



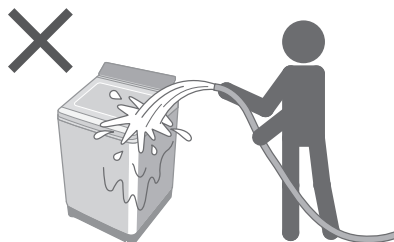
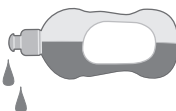
Attach

Main unit, lid



For heavy soil

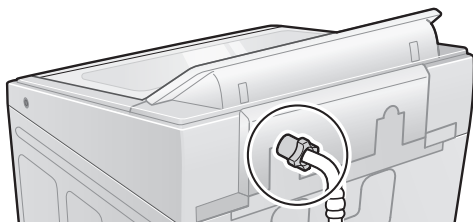
Neutral kitchen detergent



Maintenance (continued)

Water supply filter

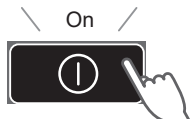
If water does not flow smoothly



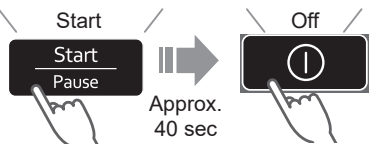
1



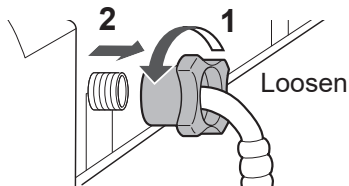
2



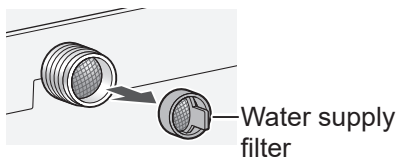
3



4



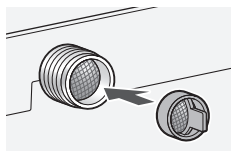
5



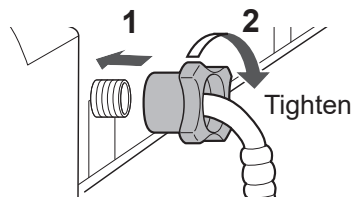
6



7

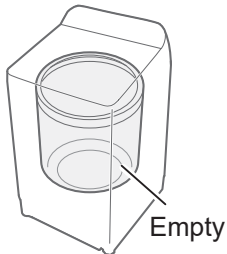


8



Tub

Once a week <Air Dry>

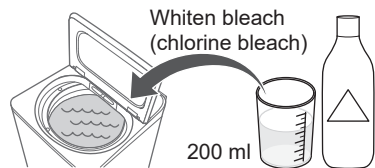


Once a month <Tub Hygiene>

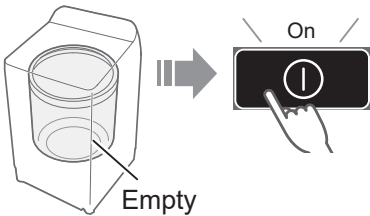
1



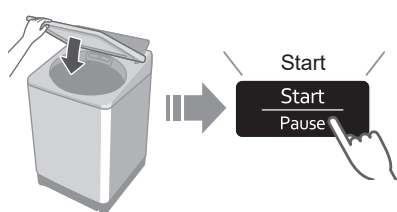
5



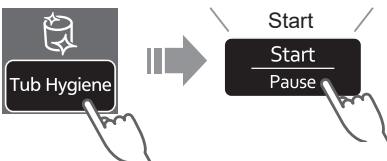
2



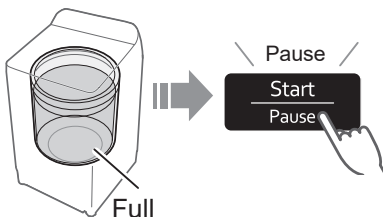
6



3



4

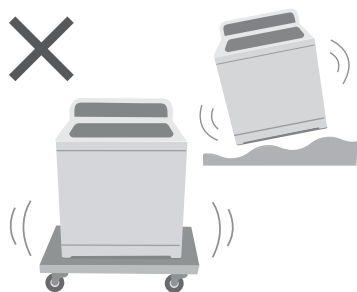
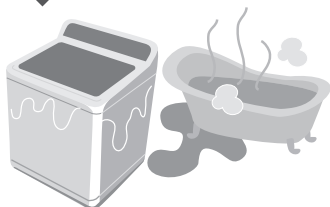


Approx. 2.5 hours



Installation

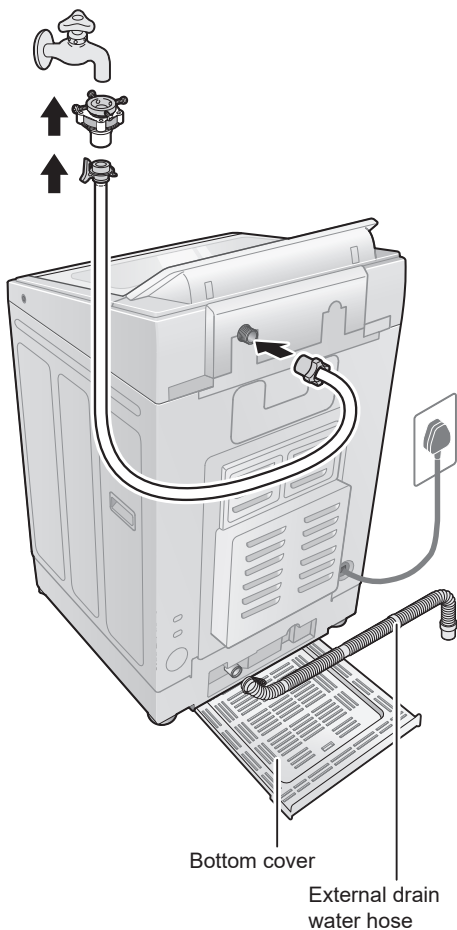
Check the location.



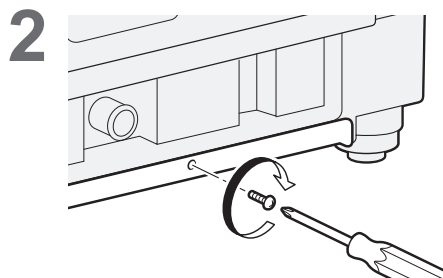
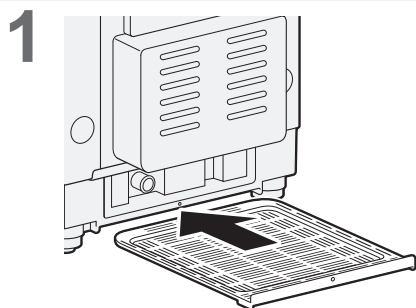
Make sure to ask a service person for installation.



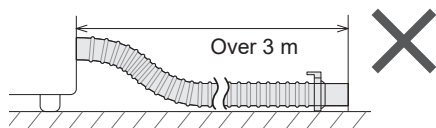
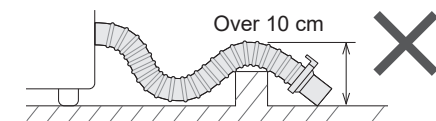
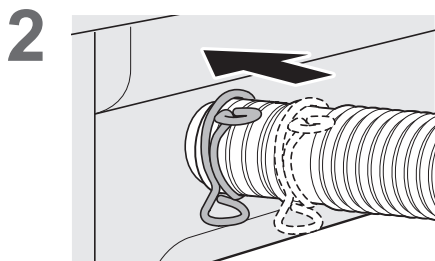
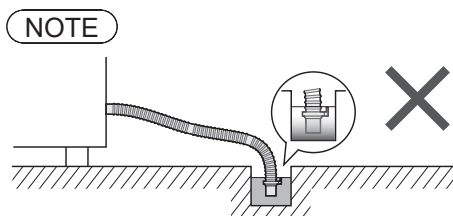
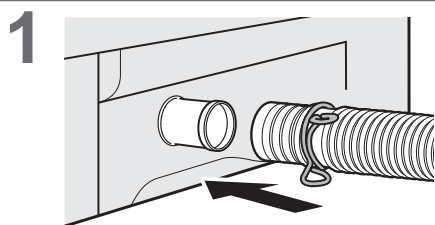
- Do not install by yourself.
- Follow this installation method.
If you do not, Panasonic will not be liable for any accident or damage.



Attach the bottom cover

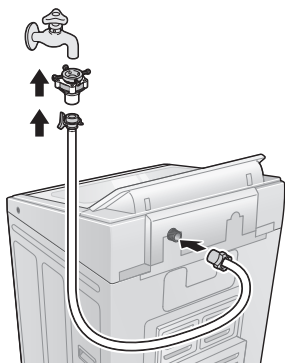


Attach the external drain water hose

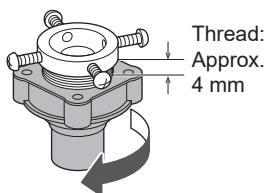


Installation (continued)

Connect the water supply hose

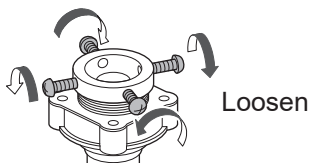


1



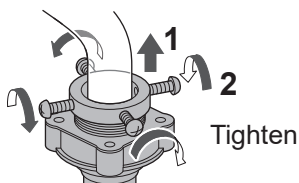
Thread:
Approx.
4 mm

2



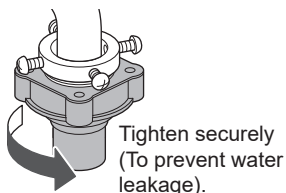
Loosen

3



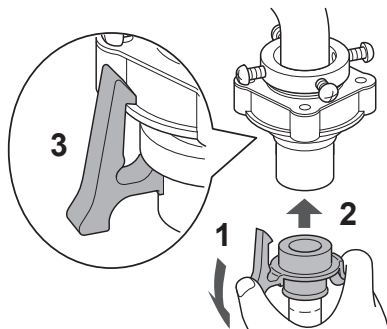
Tighten

4

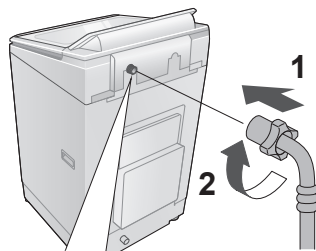


Tighten securely
(To prevent water
leakage).

5



6



3

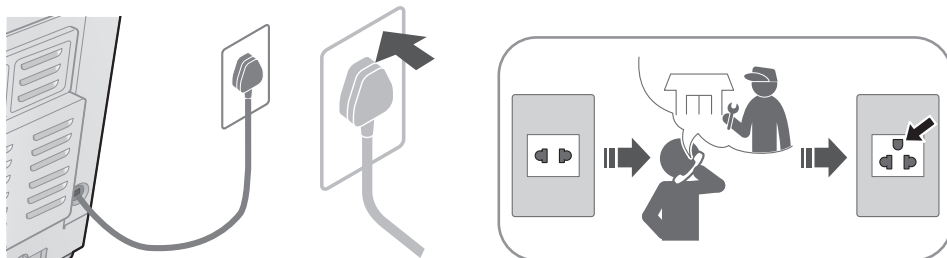
Check that the
elbow is not loose.



CAUTION

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

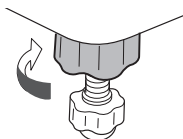
Connect the power plug and grounding



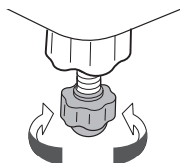
Check that the washing machine is level

■ If the washing machine wobbles

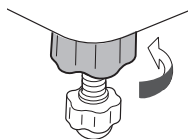
Loosen



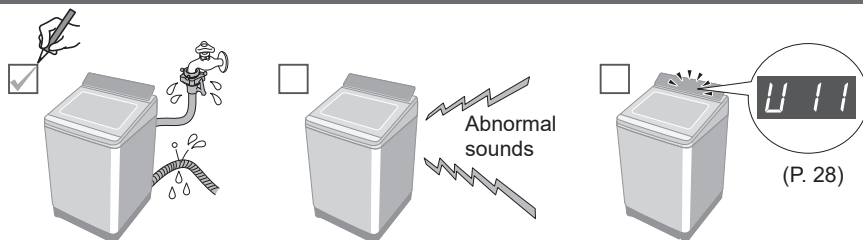
Adjust



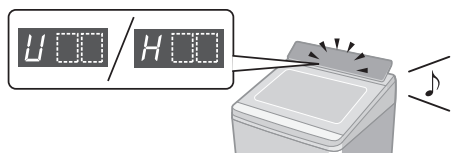
Tighten



Trial operation

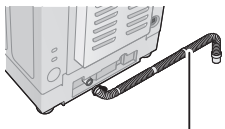
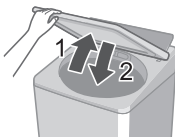
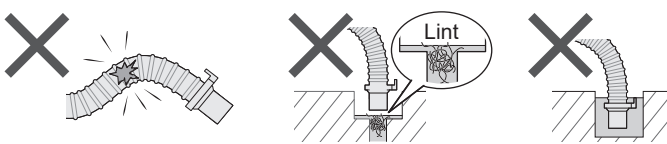
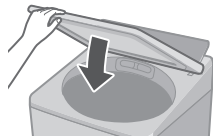
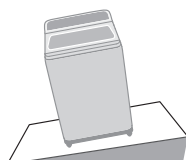
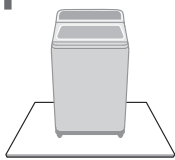
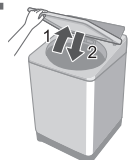


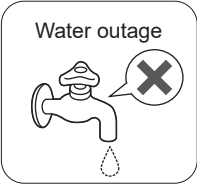
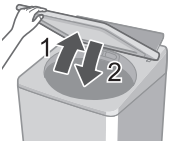
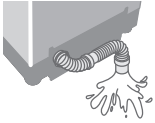
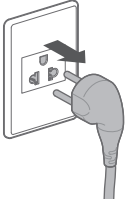
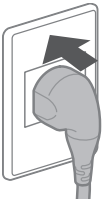
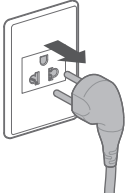
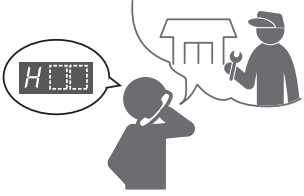
Error Display



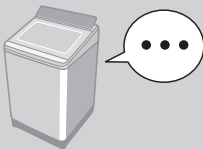
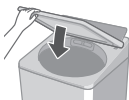
■ Preparation

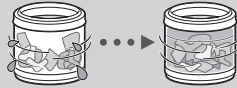
Cancel Child Lock (P. 18)
if it is set.

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   10 sec 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 Power  2 On Power 

	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. 

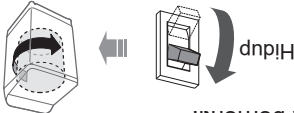
Troubleshooting (continued)

	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 ● Max. capacity (P. 11)  ☐ Try ● Pretreatments (P. 7)  ● Select according to the stain type. (P. 11) 

Specifications

Model No.	NA-FD180V3	NA-FD165V3	NA-FD145V3
Rated voltage	220 - 240 V		
Rated frequency	50 Hz		
Rated power consumption	1475 - 1750 W		
Standard water amount	105 L	99 L	93 L
Maximum mass of dry cloth	18.0 kg	16.5 kg	14.5 kg
Product dimensions	681 mm (W) x 747 mm (D) x 1112 mm (H)		
Product weight	49 kg		
Pressure of tap water	0.01 - 1 MPa		

Penyelesaian Masalah (sambungan)

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

No. Model			NA-FD180V3	NA-FD165V3	NA-FD145V3
Voltan terkadar			220 - 240 V		
Frekuensi terkadar			50 Hz		
Penggunaan kuasa terkadar			1475 - 1750 W		
Jumlah air standard			105 L	99 L	93 L
Berat maksimum kain kering			18.0 kg	16.5 kg	14.5 kg
Ukuran produk			681 mm (L) x 747 mm (D) x 1112 mm (T)		
Berat produk			49 kg		
Tekanan air paip			0.01 - 1 MPa		

Spesifikasi

Gejala		Perakera perlu diperiksa	
Basuh	Air dibekalkan semasa mencuci.	 Apabila paras air menurun.  Apabila jumlah dobi besar.	➡ Air ditambah secara automatik.
	Paras air	 Apabila pakaian basah.  Apabila terdapat air di dalam tab sebelum operasi.	➡ Paras air mungkin lebih tinggi.
	Tertialu tinggi	 Tertialu rendah	➡ Paras air mungkin lebih rendah.
	Operasi bermula dengan proses bilas, namun, air tidak dibekalkan.	 Apabila tiada air dalam tab.  Apabila terdapat air di dalam tab.	➡ Air dibekalkan selepas perah. ➡ Air dibekalkan selepas air sedia ada dibuang dan perah.
Bilas	Perubahan perah untuk bilas.	Jika pakaian tidak sekata, mesin basuh akan mengembalikan ketaksamarataan itu secara automatik dengan proses bilas.	
	Bilas bermula bukan perah.	 	
	Putaran tidak tetap	  Kelajuan putaran tab dilaraskan bagi mengurangkan getaran.	

Penyelesaian Masalah

Gejala

Penunjuk masa meningkat atau tidak menurun.



Lebih lama daripada penunjuk masa.



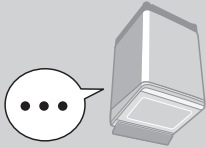
Operasi ini melewati masa pratetapan.



Masa

Unit utama

Tiada operasi!



Tidak dapat menukar tetapan proses (selepas memulakan).



Perkara perlu diperiksa

Petunjuk masa adalah anggaran sahaja. Baki masa diperbetulkan semasa operasi.



Apabila pakejan tidak sekata.



Apabila saliran air tidak baik.



Apabila bekalan air tidak baik.



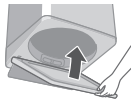
➡ Masa operasi menjadi lebih lama.

☐ Semak

● Kegagalan kuasa



● Tutup tudung.



● Hidupkan.



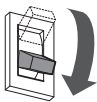
● Masa pratetapan



● Masukkan plag kuasa sepenuhnya.



● Hidupkan pemutus litar.

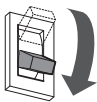


☐ Mencuba

● Tekan "Mula".



● Hidupkan pemutus litar.



☐ Mencuba

● Semasa proses membasuh

1 Jeda



1 Mati



● Selepas proses membasuh

2 Hidup



1 Jeda



1 Mati



● Selepas proses membasuh

2 Hidup

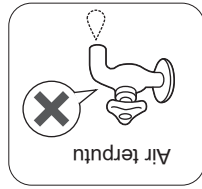


Paparan ralat

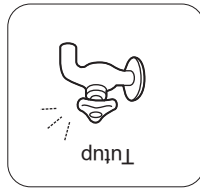
Perkara perlu diperiksa

U 14

Air tidak boleh
dibekalkan.



Air terputu



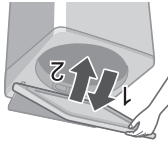
Tutup



1



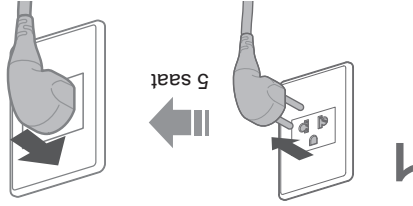
Penapis bekalan
air (H. 22)



2

U 99

Air disalurkan
keluar secara
paksa.



5 saat



Dengan Kunci Kanak-kanak
ditetapkan



10 saat



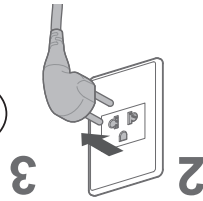
Keluar secara paksa

Pemeriksaan
diperlukan.

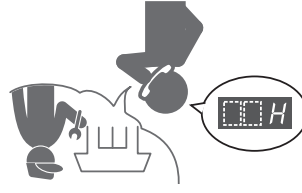
H



1

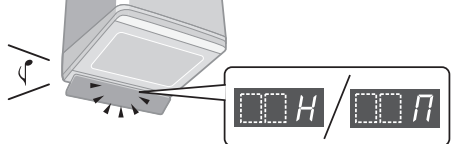


2



3

Paparan Ralat



■ **Persediaan**
Batalan Kunci Kanak-kanak
(H. 18) jika ia telah ditetapkan.

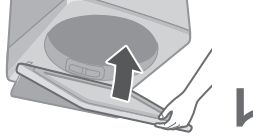
Paparan ralat

Paparan ralat

Air tidak boleh
disalurkan
keluar.

U 12

Penutup terbuka.



Perah atau "Air
Dry (Kering
Udara)" tidak
boleh dipilih.

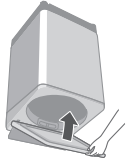
U 13



Tidak sekata



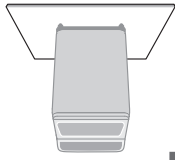
Sekata



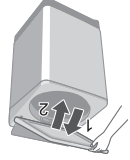
2



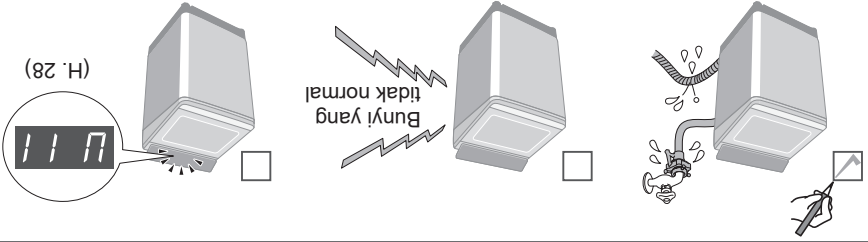
Tidak stabil atau condong



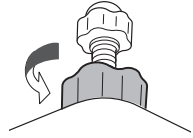
Stabil



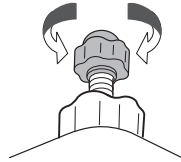
2



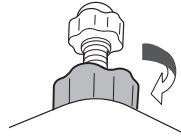
Operasi percobaan



Ketatkan



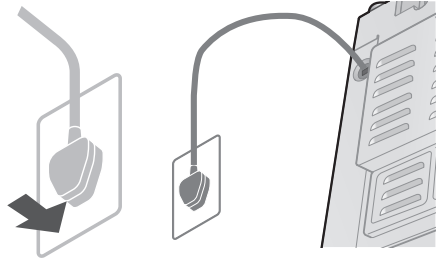
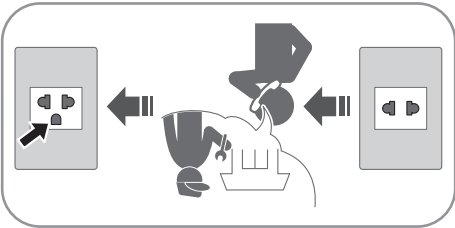
Melancarkan



Longgarkan

■ Jika mesin basuh bergoyang

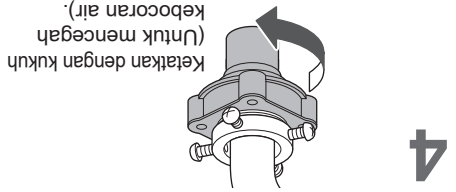
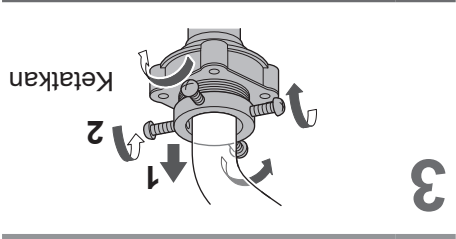
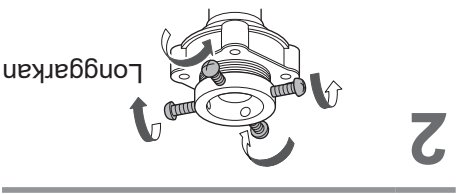
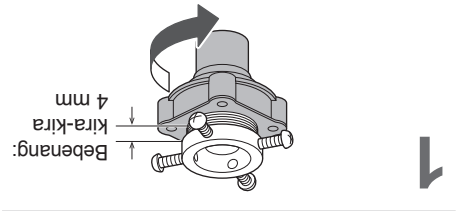
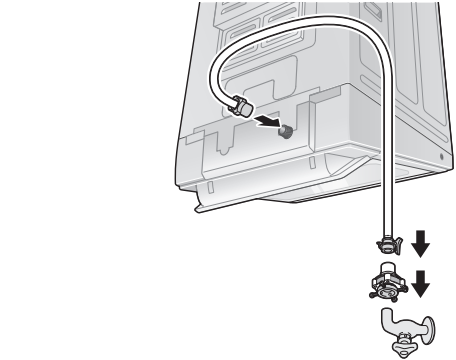
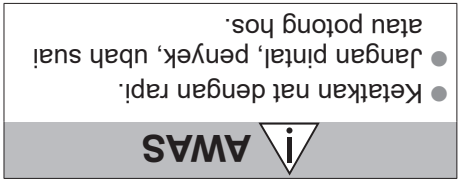
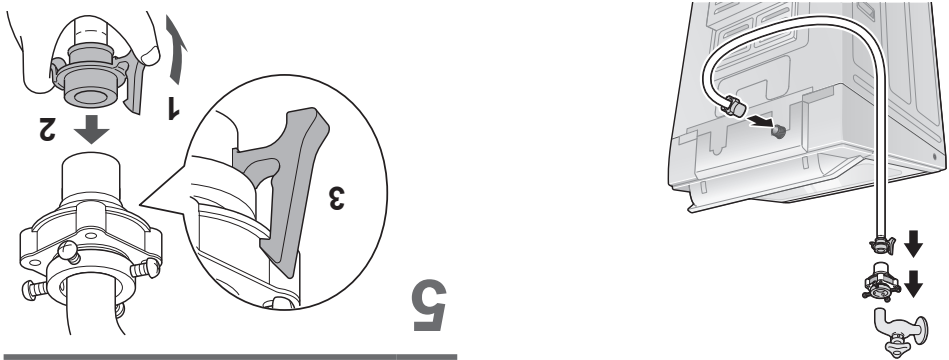
Pastikan mesin basuh adalah sekata

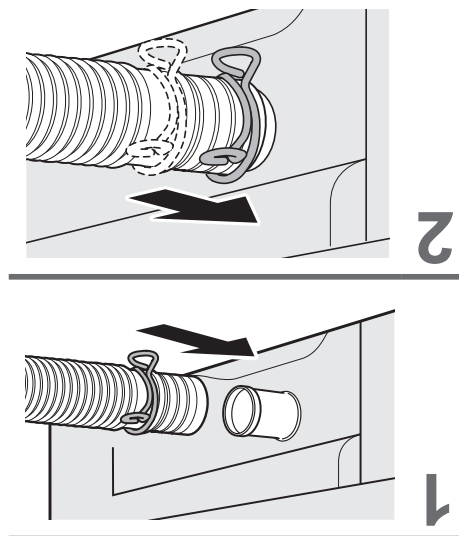
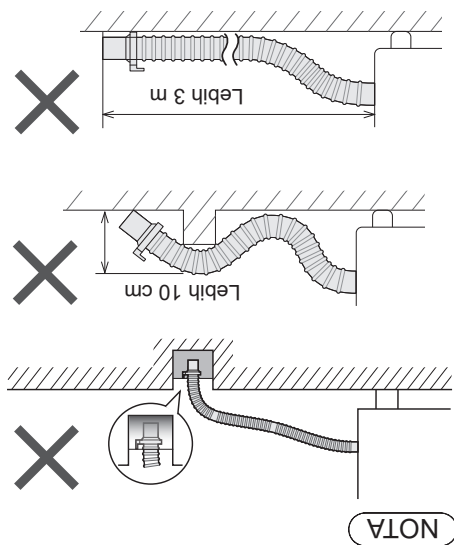


Sambungkan palam kuasa dan wayar pembumian

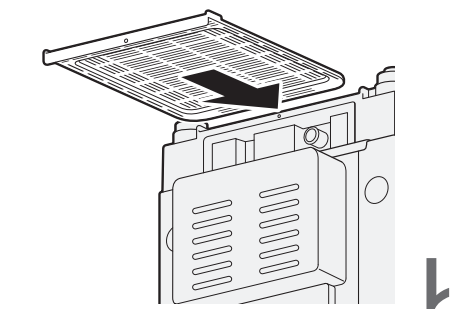
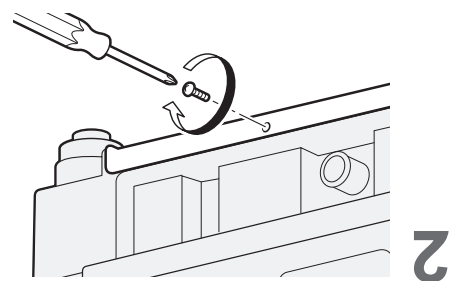
Pemasangan (sambungan)

Sambungkan hos bekalan air





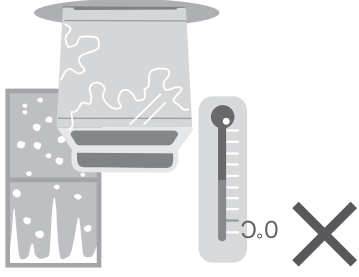
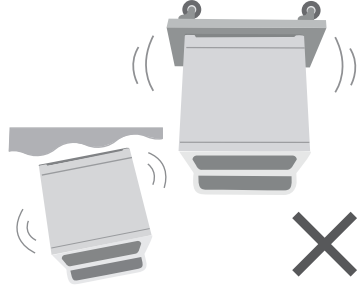
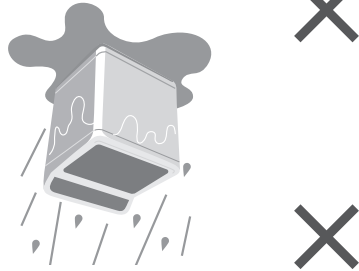
Pasangkan hos air saliran luar



Pasangkan penutup bawah

Pemasangan

Periksa lokasi.

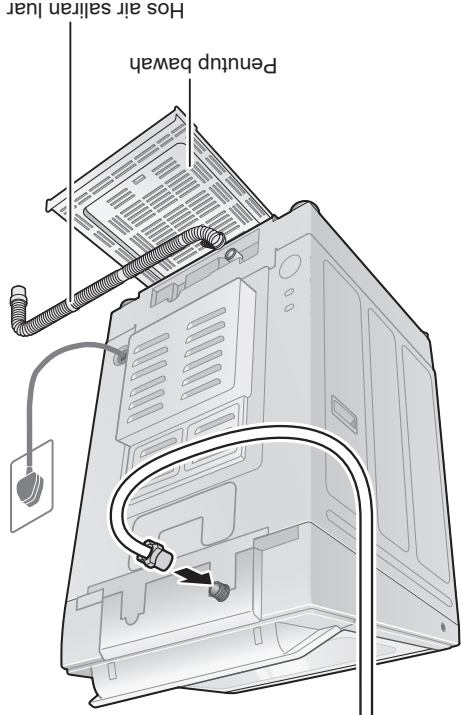
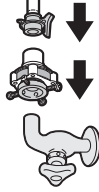


Pastikan anda meminta juruservis melakukan pemasangan.



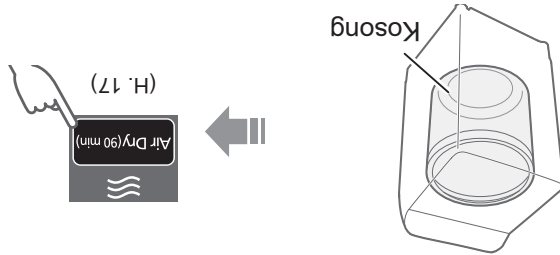
- Jangan pasang sendiri.
- Mengikut kaedah pemasangan ini.

Jika kamu tidak, Panasonic tidak akan bertanggungjawab atas sebarang kemalangan atau kerosakan.



Tab

Sekali seminggu <Air Dry (90 min) (Kering Udara (90 min))>

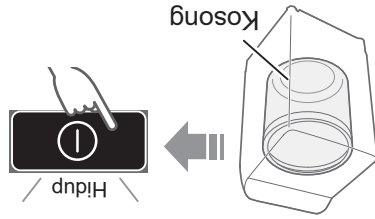


Sekali sebulan <Tub Hygiene (Kebersihan Tab)>

1



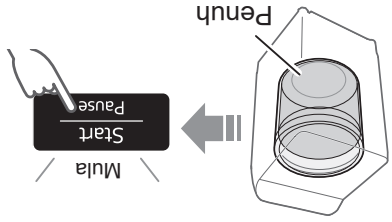
2



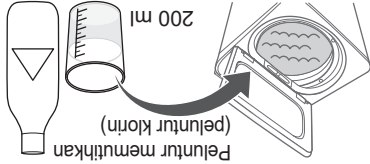
3



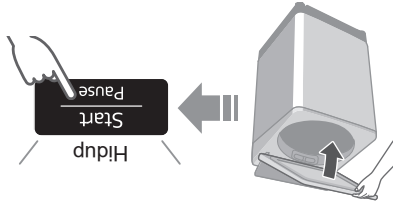
4



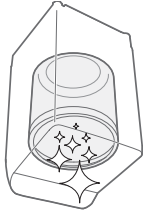
5



6



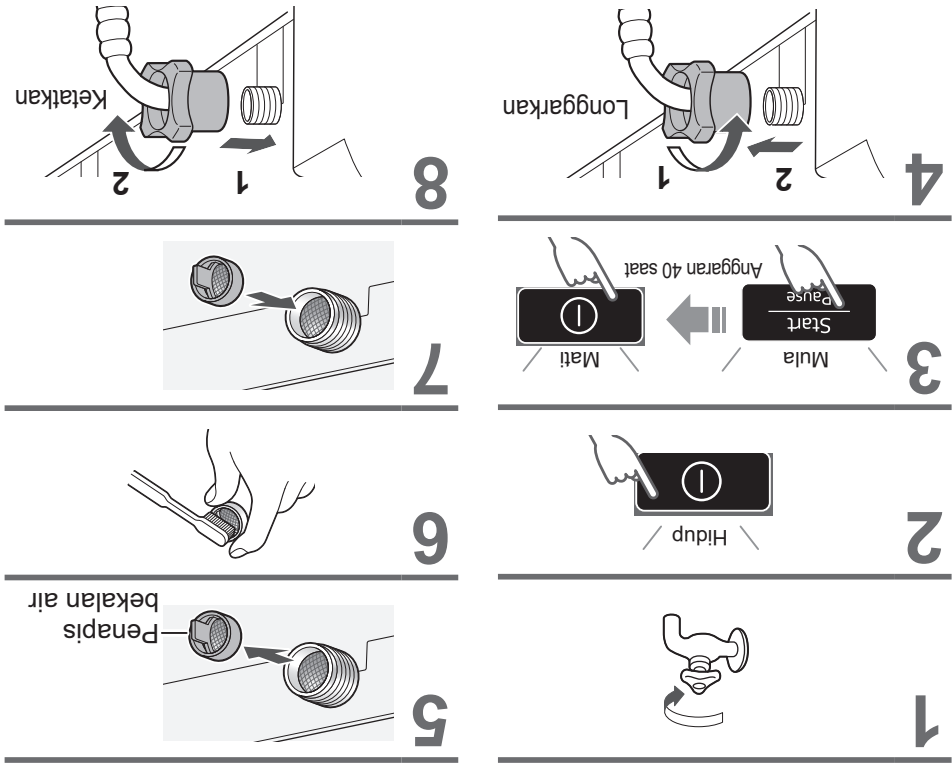
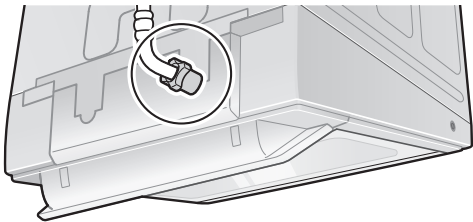
Anggaran 2.5 jam

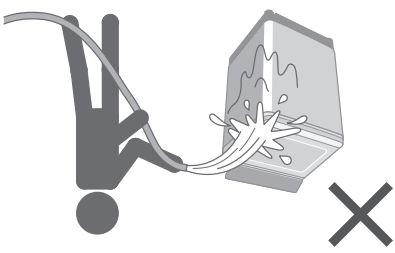


Penyenggaraan (sambungan)

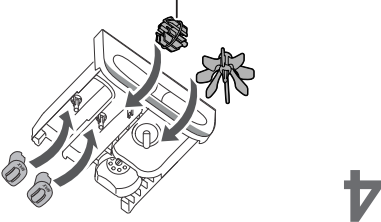
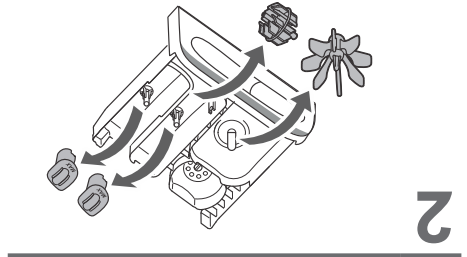
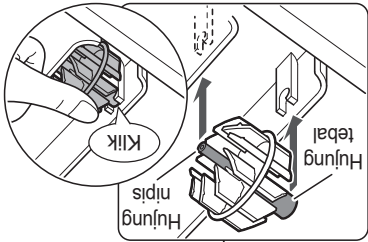
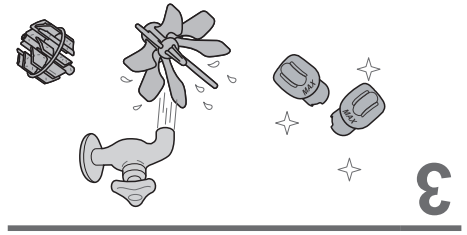
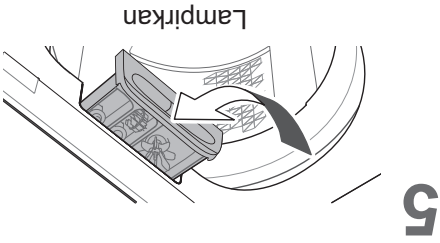
Penapis bekalan air

Jika air tidak mengalir dengan lancar





Unit utama, penutup



Jika ada kotoran sisa detergen atau pelembut

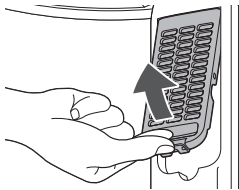
Laci detergen dan pelembut

Penyenggaraan

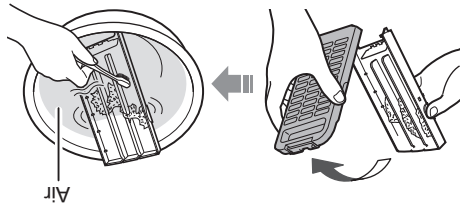
Penapis rumbai

Selepas setiap operasi

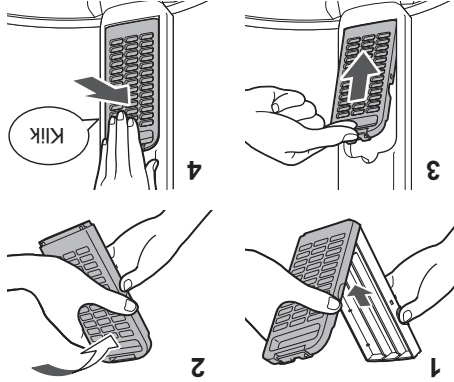
1



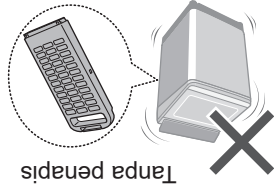
2



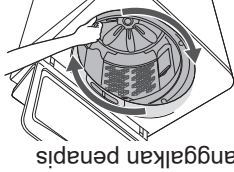
3



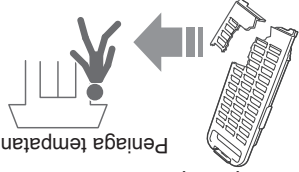
NOTA



Tanpa penapis



Jika sukar untuk memasukkan penapis



Jika penapis rosak

Peniaga tempatan

Kandungan Program

Program	Jumlah masa ¹ (anggaran)	Wash (Basuh) (minit)	Rinse (Bilas) (kall)	Spin (Perah) (minit)
Normal (Biasa)	65	9	2	7
Tangle Care (Penjagaan Kusut)	75	13	2	7
Speedy (Cepat)	50	3	2	5
Delicates (Halus)	50	9	2	1
Baby Care (Penjagaan Bayi)	80	9	2	7
Water Save (Jimat Air)	80	12	3	7
Blanket (Selimut)	80	12	2	7
Soak (Rendam)	130 ²	71 (Rendam 59)	2	7
Stain Master +	Odour/Aroma+ (Bau/Aroma+)	85	13	2
	Mud (Lumpur)	90	32	2
	Soya/Sauce (Kicap/Sos)	110 ²	54 (Rendam 29)	2
	Collar/Sleeve (Kolar/Lengan)	165 ²	33 ³	2
	Oily (Berminyak)	170 ²	38 ³	2
	Bacteria/Allergy (Bakteria/Alahan)	190 ²	30 ³	2
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. -- --> 99

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

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



Fungsi Menyengkan

Menetapkan Auto Tab Bersih

Mencegah kulupuk, tersedia dengan semua program kecuali "Water Save (Jimat Air)" dan "Air Dry (90 min) (Kering Udara (90 min))".

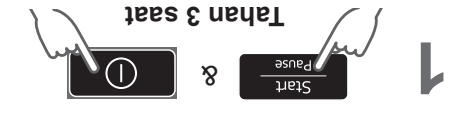
■ Penunjuk lampu

- Mengesan
- Auto Tub Clean
- Fungsi didayakan
- Fungsi dinyahdayakan
- Auto Tub Clean

■ Hidup / matikan

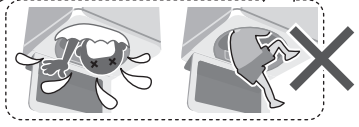
- 1
- 2 Air Dry (90 min)
- 3 Water Level
- 4 Water Level memilih mati hidup
- 5 Start Pause

Membatalkan pembaz akhir



■ Menetapkan semula: prosedur yang sama

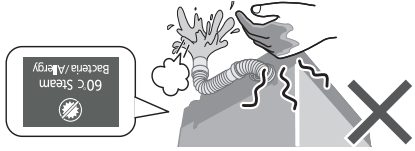
Menetapkan Kunci Kanak-kanak



2 Tahan 5 saat

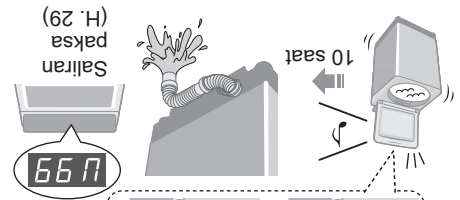


■ Membatalkan: prosedur yang sama



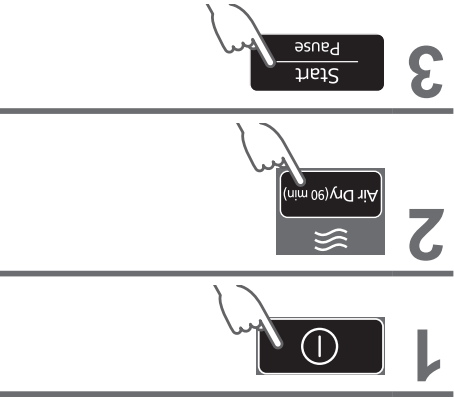
NOTA

* Fungsi ini tidak mengunci penutup dan operasi butang.



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

- Air disingkirkan daripada pakaian dengan tiupan udara daripada putaran tab.
- Pakaian kering: Gentian sintetik (Mask 3.0 kg)



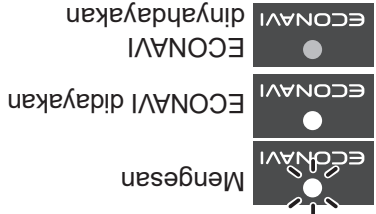
NOTA

- 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.

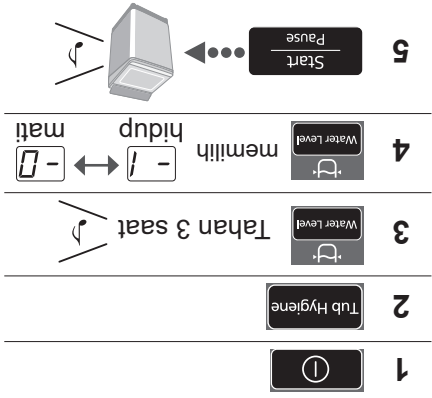
ECONAVI

- Program "Normal (Biasa)" sahaja Berat / Suhu
- Air dan penjimatan masa*
-

■ Penunjuk lampu



■ Hidup / matikan

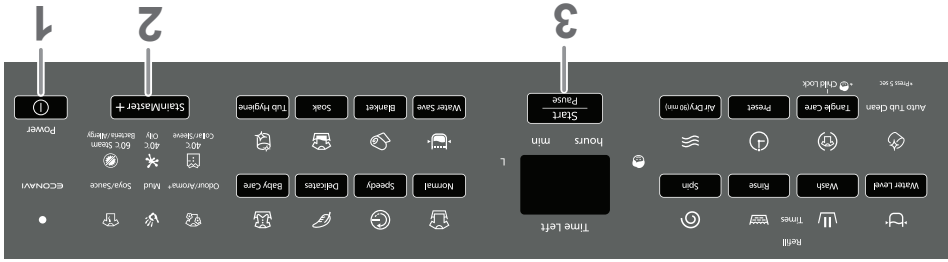


* Keadaan ujian:

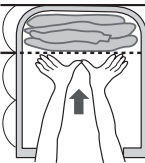
- Program "Normal (Biasa)"
- Perbandingan antara operasi yang menyedakkan ECONAVI (jumlah basuhan: 2.0 kg, suhu air: atas 35 °C) dan operasi yang menyedakkan ECONAVI (jumlah basuhan: 18.0 / 16.5 / 14.5 kg (kapasiti terkadar), suhu air: di bawah 15 °C)
- Ujian dijalankan berdasarkan IEC60456 kecuai untuk suhu air.

Stain Master +

Persediaan: (H. 7)



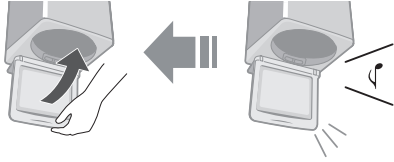
NOTA

- Maks. kapasitas (H. 11)
- 
- 1/3
- Jumlah maksimum air
 - Bacteria/Allergy: 66L
 - Orang lain: 81L
- Anda tidak boleh mengubah program ini.
- Semasa menggunakan
- | Colar/sleeve | Only | Bacteria/Allergy | 60°C Steam |
|--------------|------|------------------|------------|
| 40°C | 40°C | 40°C | 40°C |
- Pastikan penutup ditutup.

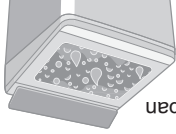
- Jumlah maksimum air
- Bacteria/Allergy: 66L
- Orang lain: 81L
- Anda tidak boleh mengubah tetapan proses basuhan program ini.
- Semasa menggunakan

	40 °C Collar/Sleeve		40 °C Oily		60 °C Steam Bacteria/Allergy
---	------------------------	---	---------------	---	---------------------------------

- Pastikan penutup ditutup.



Pemeliharaan



Pratetapan pemasa (jam) (n. 14)	3 - 24
Collar/Sleeve:	3 - 24
Oily:	3 - 24
Bacteria/Allergy:	4 - 24
Orang lain:	2 - 24

74 L	5.0 kg
66 L	3.0 kg
59 L	1.0 kg

Delicates (Halus)

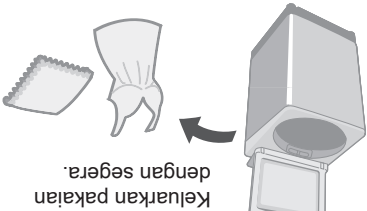
Maksimum jumlah air *	• Gentian sintetik 100 % • Kapas 100 %
4.2 kg	

Blanket (Selimut)

NOTA



■ Selepas operasi berakhir



NOTA



NOTA

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

Pilihan Membasuh

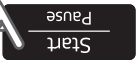
Preset (Pratetapan)

Tetapkan berapa jam kemudian untuk menyelesaikan operasi.

1



2



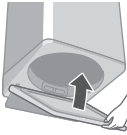
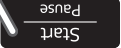
Semua tanda-tanda lain dimatikan.

2 saat

2



3



NOTA

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



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	-	

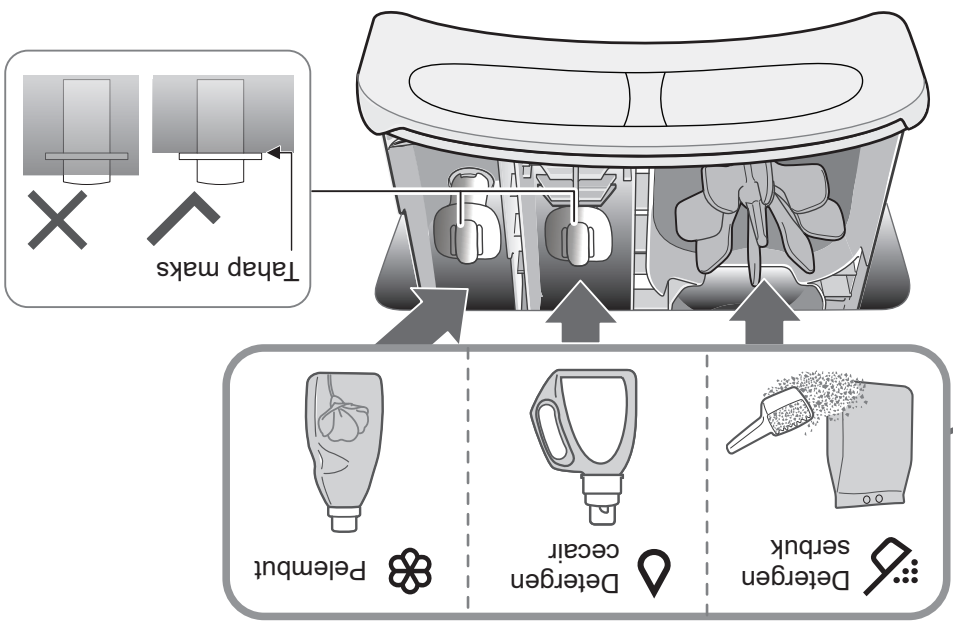
■ Untuk mengesahkan



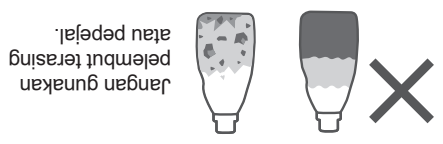
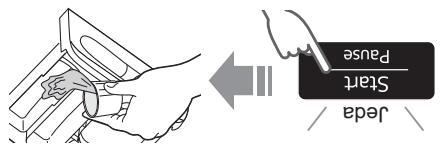
■ Untuk membatalkan atau menukar



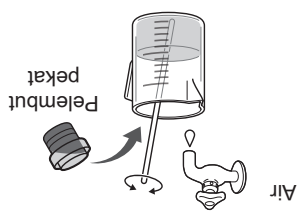
Pelembut



● Untuk menambah pelembut semasa operasi:

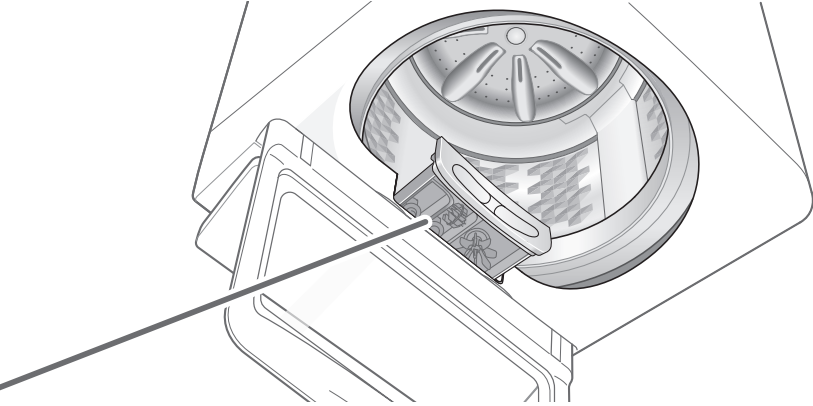


● Bahan pelembut tidak boleh digunakan dengan program "Water Save (Jimat Air)".



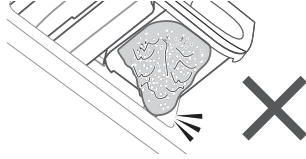
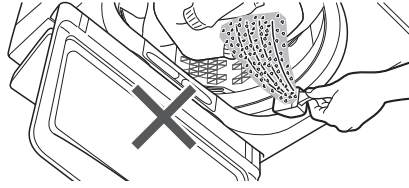
Detergen / Pelembut / Peluntur

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



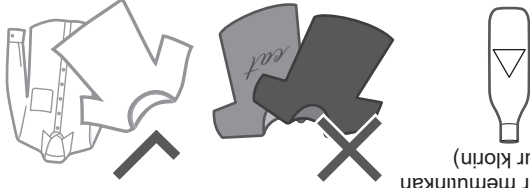
Detergen

- Jangan masukkan detergen terus ke dalam tab.
- Tahap berbuli 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).

Kapasiti maksimum* (kg)	Tujuan	Program
14.5 16.5 18.0	● Untuk sangat kotor ● Untuk sangat kotor ● Untuk sangat kotor	Soak (Rendam)  (H. 9)
6.0	● Untuk jenis noda yang berikut ● Untuk jenis noda yang berikut ● Untuk jenis noda yang berikut	StainMaster + (H. 16)  (H. 9)
5.0	● Untuk jenis noda yang berikut ● Untuk jenis noda yang berikut ● Untuk jenis noda yang berikut	Bacteria/Allergy (Bakteria/Alahan)  (H. 9)
3.0	● Mengeringkan pakaian gentian sintetik ● Mengeringkan pakaian gentian sintetik ● Mengerinkingan tab	Air Dry (90 min)  (H. 17, 23)
—	● Pencucian tab ● Pencucian tab ● Pencucian tab	Tub Hygiene (Kebersihan Tab)  (H. 23)

NOTA

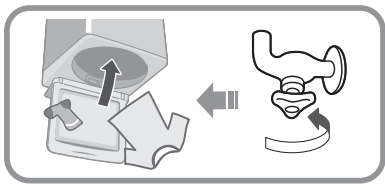
- Program “Normal (Biasa)” dan program “Water Save (Jimat Air)” disyorkan untuk beban dengan kotoran biasa pada kapasiti terkadat mesin basuh ini.

Pelbagai Program

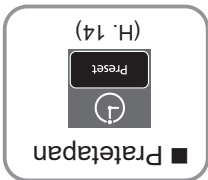
	Program	Tujuan	Kapasiti * (kg)
Basuh	 Normal (Biasa) (H. 9)	● Pakaian harian   	18.0 16.5 14.5
	 Tangle Care (Penjagaan Kusut) (H. 9)	● Anti-kusut • Mencuci lebih lembut daripada "Normal (Biasa)" untuk mengurangkan kusut. • Melerai kusut pakaian selepas memutar: 8 kg atau lebih rendah.	18.0 16.5 14.5
	 Speedy (Cepat) (H. 9)	● Untuk kotoran ringan  	18.0 16.5 14.5
	 Delicates (Halus) (H. 15)	● Membasuh dengan lembut  	5.0
	 Baby Care (Penjagaan Bayi) (H. 9)	● Pakaian untuk bayi & mereka yang berkulit sensitif Membilas sebersih-bersihnya  	18.0 16.5 14.5
	 Water Save (Umat Air) (H. 9)	● Menjimatkan air  	18.0 16.5 14.5
	 Blanket (Selimut) (H. 15)	● Selimut   Dengan tag mesin boleh dibasuh	4.2

Membasuh

1

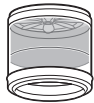


2



3

Mengukur jumlah dobi



10 saat

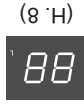


5 saat

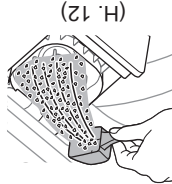


20 saat

4

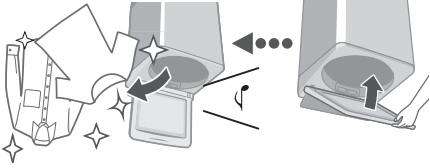


(H. 8)



(H. 12)

5



■ Selepas menekan "Start (Mula)"

- Untuk menukar setiap operasi (semasa membasuh).



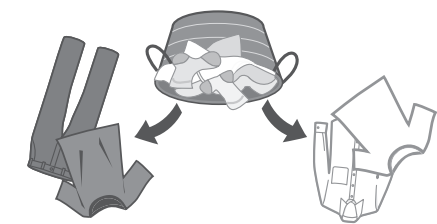
- Untuk memeriksa atau menukar paras air (semasa membasuh).

- Anda tidak boleh menukar program tersebut.

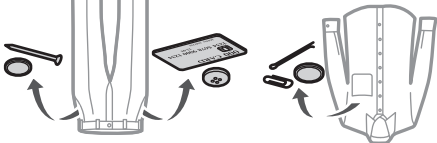
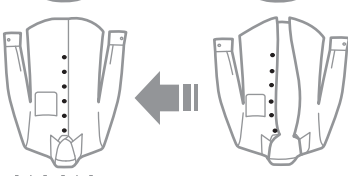
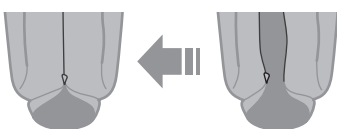
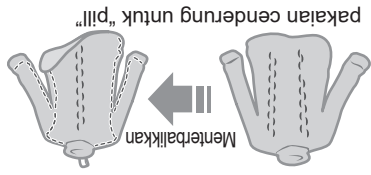
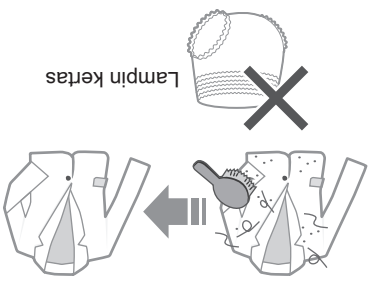
Sebelum Membasuh

Persediaan dan pemeriksaan basuhan

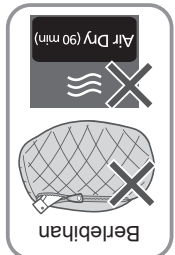
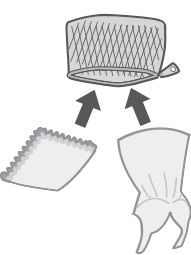
Pemeriksaan sebelum membasuh



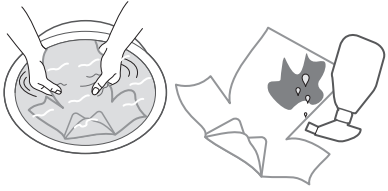
Untuk mengelakkan pudar



Menggunakan jaring dobi untuk kain halus



Untuk "Stain Master+" (H. 16)



● Pretreatments untuk noda berat

● Mematuhi label penjualan pakaian

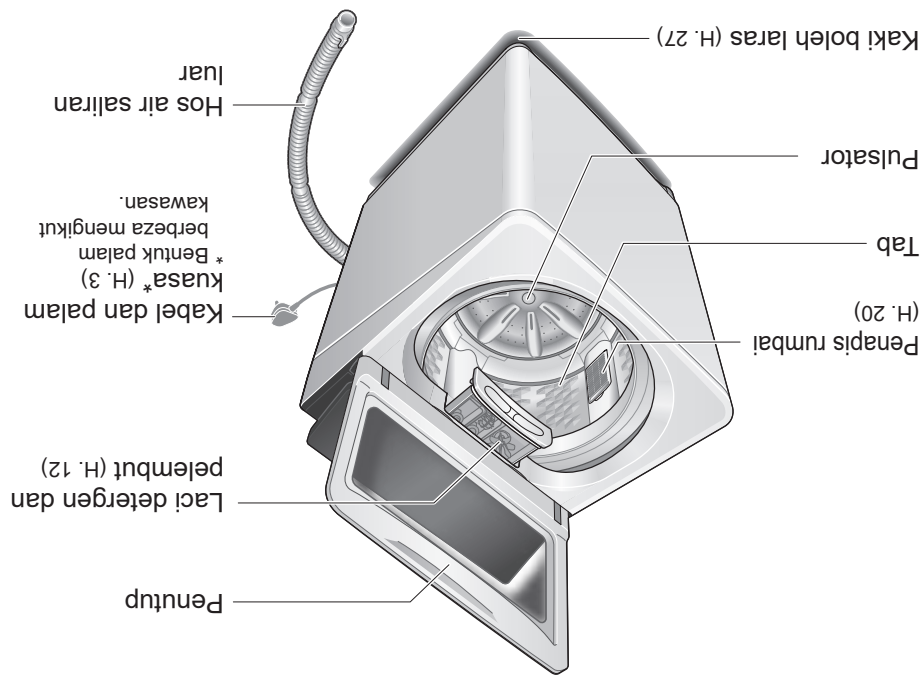
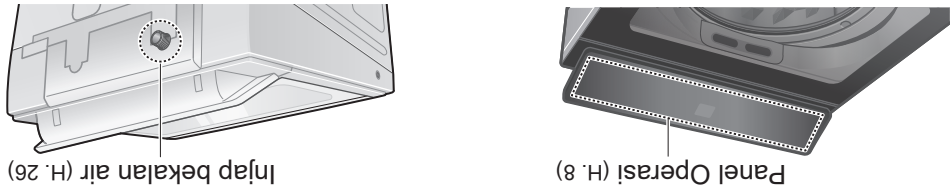


● Pakaian berwarna

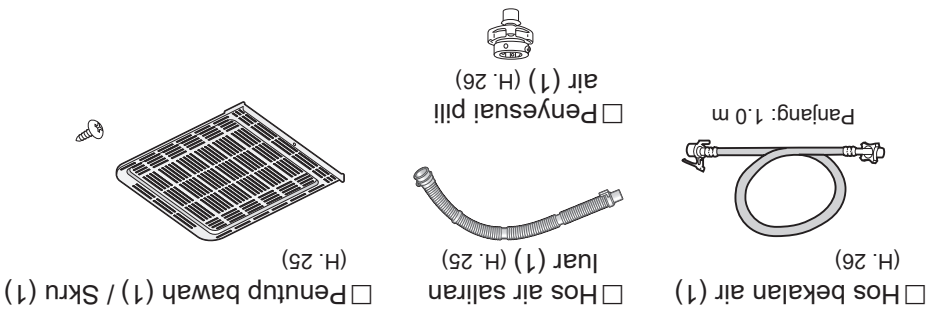


Nama Bahagian / Kengkapan

Nama bahagian

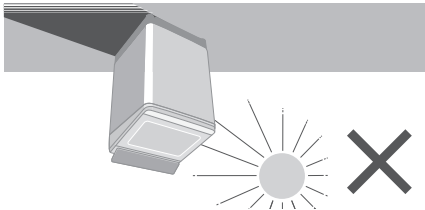


Kengkapan

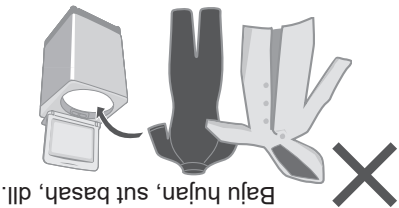


Boleh menyebabkan kegagalan.

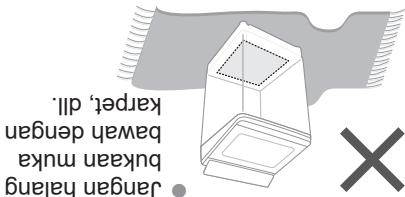
Jauhi daripada haba dan sinaran matahari secara langsung.



Jangan basuh barang kalis air.

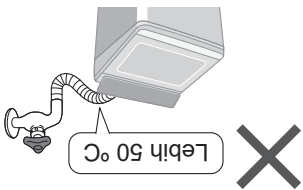


Jangan halang.

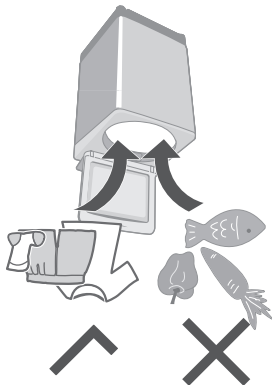


Untuk pakaian yang boleh dibasuh mesin sahaja.

Jangan gunakan air panas.



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

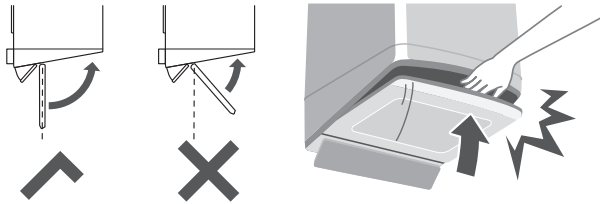


Langkah Berjaga-jaga Keselamatan (sambungan)

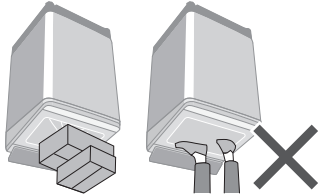
AWAS 

Boleh menyebabkan kecederaan.

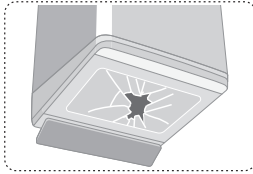
Berhati-hati agar jari anda tidak terselit.



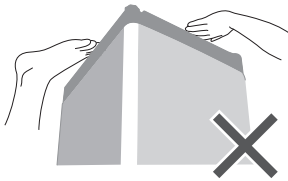
Jangan panjat atau letakkan benda di atas mesin basuh.



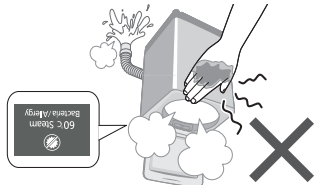
● Jika penutupnya rosak, berhenti menggunakan serta-merta.



Berhati-hati dengan tangan dan kaki anda.

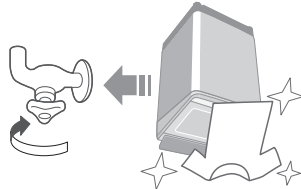


Jangan sentuh tab dan air panas yang mengalir.



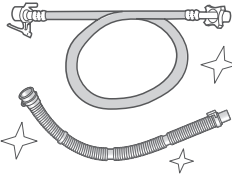
Boleh menyebabkan kebocoran air.

Tutup pili 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.

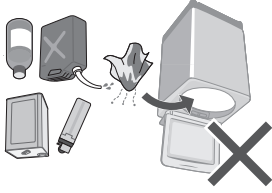


■ Untuk berat maksimum kain kering dan tekanan air paip, lihat halaman 32.



Jangan buka, baik atau ubah suai mesin ini sendiri.

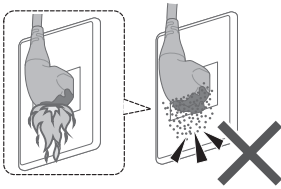
Boleh menyebabkan kegagalan.



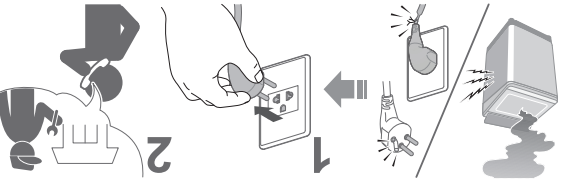
Jauhkan mudah terbakar.
bahan daripada



Lap palam kuasa
secara berkala.

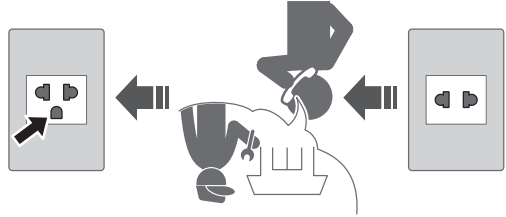


Jika kegagalan dan rosak pada kabel kord kuasa,
berhenti menggunakan dan hubungi juruteknik elektrik.
Habu yang terkumpul boleh
menyebabkan kebakaran.

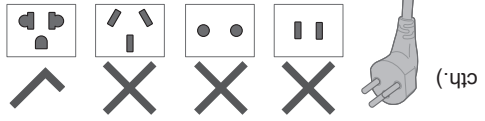


Masukkan palam dengan kemas.

Hubungi juruteknik elektrik untuk soket baharu.



Gunakan soket yang bersesuaian untuk
peralatan ini.



● Bentuk palam, bentuk soket dan keperluan
kadaran adalah berlainan mengikut rantau.
(cth.)

Langkah Berjaga-jaga Keselamatan

⚠️ AMARAN

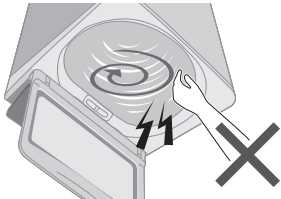
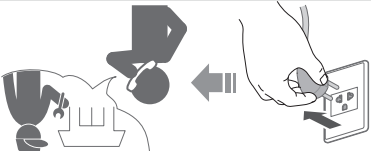
Boleh menyebabkan kecederaan serius atau kematian.

Kanak-kanak tidak boleh menggunakannya keseorangan.

- Perengkapan ini bukan untuk kegunaan individu (termasuk kanak-kanak) yang kurang kepayaan fizikal, deria atau mental, atau kurang pengalaman atau pengetahuan, kecuai! Jika mereka telah diberikan penyeliaan atau arahan berkaitan penggunaan perengkapan ini oleh individu yang bertanggungjawab keatas keselamatan mereka.
- Kanak-kanak harus diperhatikan untuk memastikan yang mereka tidak bermain dengan perengkapan ini.

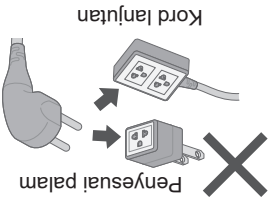
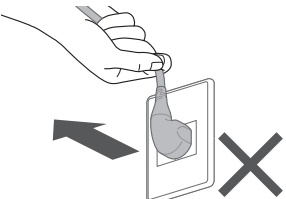
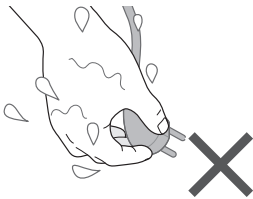
Jangan sentuh tab sehingga ia betul-betul berhenti.

- Jika tab tidak berhenti dalam masa 15 saat:

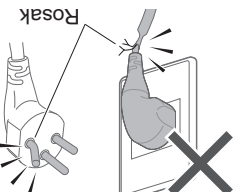
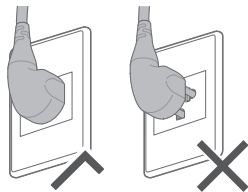


Boleh menyebabkan api atau kejutan elektrik.

Jangan sentuh dengan tangan basah, tarik kabel. Jangan pegang atau jangan guna.



Masukkannya sepenuhnya. Jangan guna.



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

Arahan Pengendalian & Pemasangan

Mesin Basuh Automatik Sepenuhnya
(Penggunaan Rumah)

No. Model **NA-FD180V3**

NA-FD165V3

NA-FD145V3

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



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.



AWW9901CFMC0-0C0
A0724-0(M)
Dicetak di Vietnam
07-2024