Panasonic

Arahan Pengendalian & Pemasangan

Mesin Basuh dan Pengering (Penggunaan Rumah)

No. Model **NA-S157FW1**

Penting untuk membaca arahan ini.

MY

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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.

AWW9901CGEC0-0C0

Langkah Berjaga-jaga Keselamatan

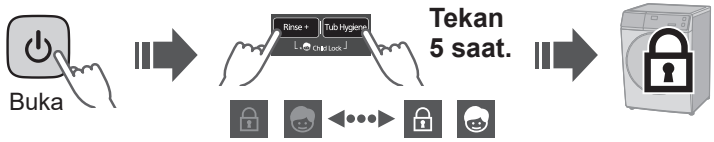
⚠ AMARAN

Boleh menyebabkan kecederaan serius atau kematian

Kanak-kanak tidak boleh menggunakannya keseorangan.

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

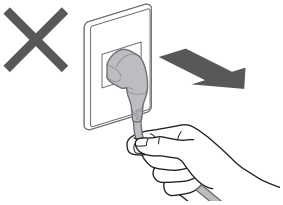
Menetapkan Kunci Kanak-kanak. (Hlm. 30)



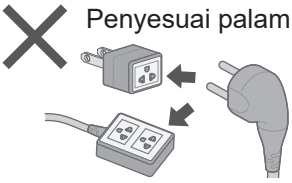
Boleh menyebabkan api atau kejutan elektrik

Jangan sentuh dengan tangan yang basah.

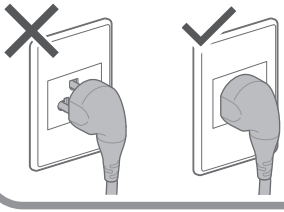
Jangan pegang atau tarik kabel.



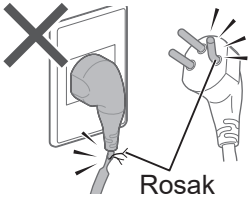
Jangan guna.



Masukkan sepenuhnya.

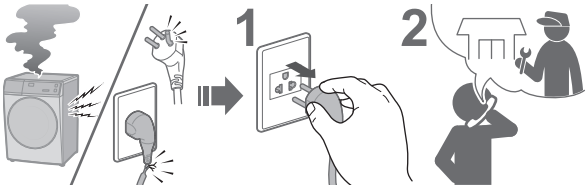


Jangan guna.

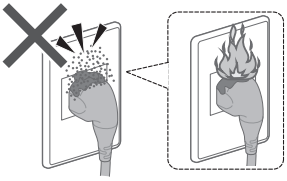


- **Jika kord kuasa rosak, ia mesti diganti oleh pengilang, wakil servisnya, atau orang yang berkelayakan bagi mengelakkan bahaya.**

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



Habuk yang terkumpul boleh menyebabkan kebakaran.

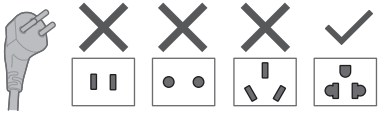


Masukkan palam dengan kemas. Hubungi juruteknik elektrik untuk soket baharu.

Lap palam kuasa secara berkala.

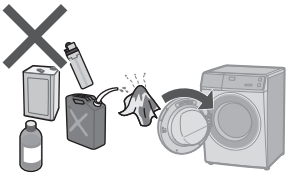
Gunakan soket yang bersesuaian untuk peralatan ini.

cth.)



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

Jauhkan daripada bahan mudah terbakar.



Boleh menyebabkan kegagalan

Jangan buka, baiki atau ubah suai mesin ini sendiri.

Apabila menggunakan aplikasi "Panasonic SmartApp+"

(Punca kerosakan akibat gelombang radio dari perkakas)

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

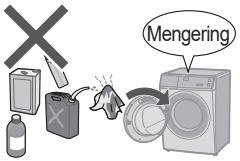
Langkah Berjaga-jaga Keselamatan (sambungan)

⚠ AMARAN

Boleh menyebabkan kebakaran

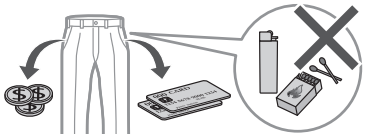
(Untuk penggunaan pengering dengan selamat)

Jangan keringkan pakaian yang dikotori bahan mudah terbakar.



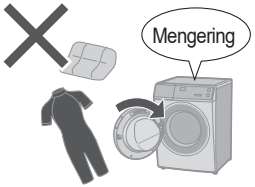
- Pakaian yang kotor kerana bahanbahan seperti minyak masak, aseton, alkohol, petrol, minyak tanah, penghilang noda, turpentin, lilin, penghilang lilin dan minyak kosmetik tidak boleh dikeringkan di dalam mesin walaupun selepas dibasuh.

Kosongkan semua poket.



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

Jangan keringkan item diperbuat daripada getah dll.



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

Lin tidak dibenarkan untuk mengumpul di sekitar mesin.

Patuhi yang berikut.

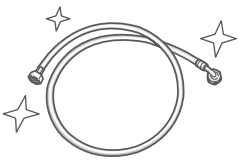
- Jangan sekali-kali menghentikan mesin sebelum kitaran pengeringan berakhir kecuali jika semua barang dikeluarkan dengan cepat dan disebar supaya haba hilang.
- Mesin ini tidak boleh digunakan jika bahan kimia perindustrian digunakan untuk pembersihan.
- Mesin tidak boleh dibekalkan menerusi peranti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

⚠ AWAS

Boleh menyebabkan kebocoran air

Tutup pili air.

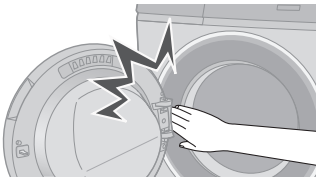
Gunakan set hos baharu.



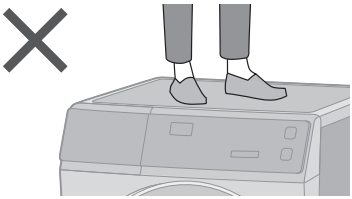
- Anda hendaklah menggunakan set hos baru yang dibekalkan dengan mesin basuh ini dan jangan gunakan semula set hos yang lama.

Boleh menyebabkan kecederaan

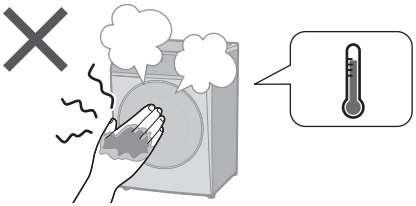
Berhati-hati agar jari anda tidak terperangkap.



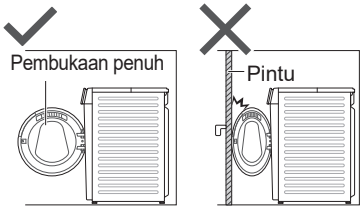
Jangan panjat ke atas mesin basuh ini.



Jangan sentuh semasa ia panas.



Pasang mesin dengan betul.



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

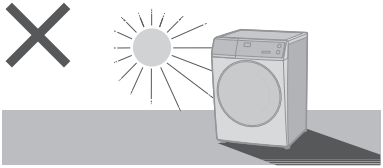
■ Untuk berat maksimum kain kering dan tekanan air paip, lihat halaman. 71.

Langkah Berjaga-jaga Keselamatan (sambungan)

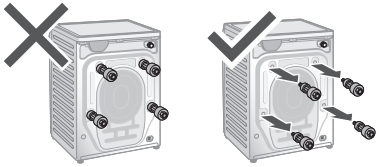
⚠ AWAS

Boleh menyebabkan kegagalan

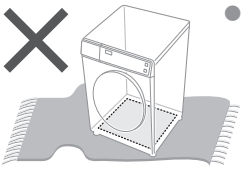
Jauhi daripada haba dan sinaran matahari secara langsung.



Keluarkan bolt penambat sebelum operasi.

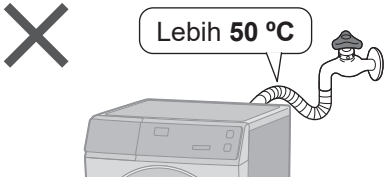


Jangan halang.

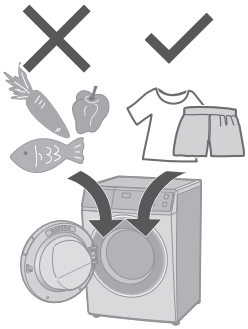


- Jangan halang bukaan muka bawah dengan karpet, dll.

Jangan gunakan air panas.

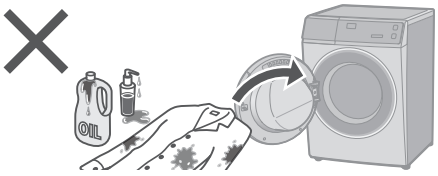


Untuk pakaian yang boleh dibasuh mesin sahaja.

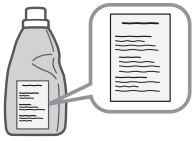


- Perkakas ini adalah untuk kegunaan rumah. Perkakas ini bukan untuk digunakan di:
  - kawasan dapur kakitangan di kedai, pejabat dan persekitaran kerja yang lain;
  - rumah ladang;
  - klien di hotel, motel dan persekitaran jenis tempat tinggal yang lain;
  - persekitaran penginapan dan sarapan;
  -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

Jangan basuh pakaian yang berlumuran dengan banyak minyak.



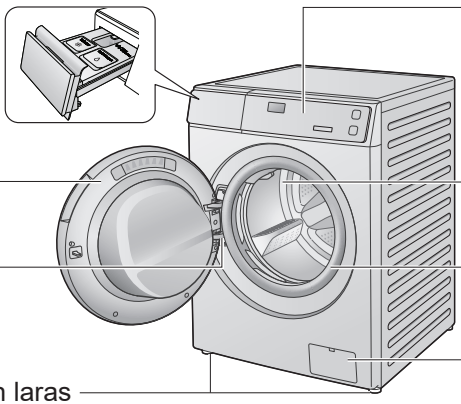
Ikuti arahan ini.

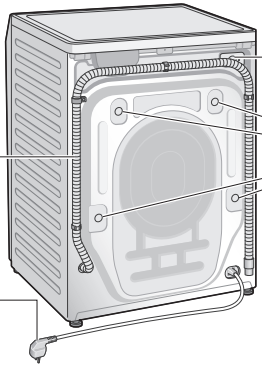


- Pelembut kain atau produk sejenis harus digunakan sesuai ketentuan dalam arahan pelembut kain.

Memeriksa Mesin Anda

Nama alat



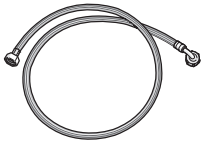


Aksesori

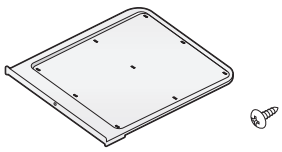
☐ Siku (1) (Hlm. 50)

☐ Tudung penutup (4) (Hlm. 48)

☐ Hos bekalan air (1) (Hlm. 49, 50)



☐ Penutup bawah (1) / Skru (1) (Hlm. 47)

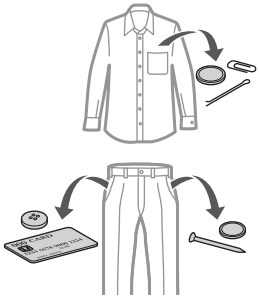


Sebelum Mencuci/Mengering

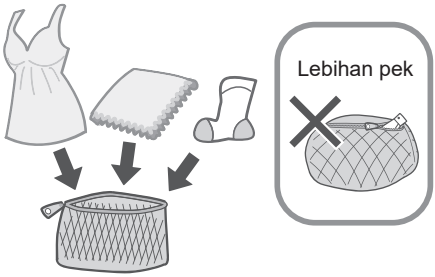
Menyediakan pakaian

Sebelum memasukkan pakaian dalam dram

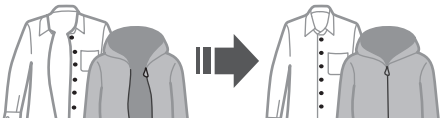
- Keluarkan objek asing.

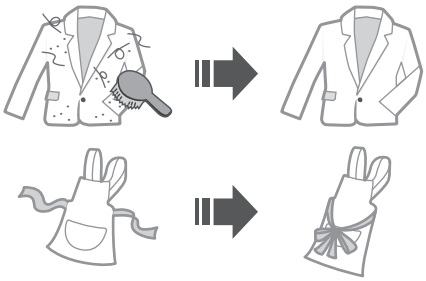


- Gunakan jaring pakaian untuk pakaian kecil dan yang mudah rosak.

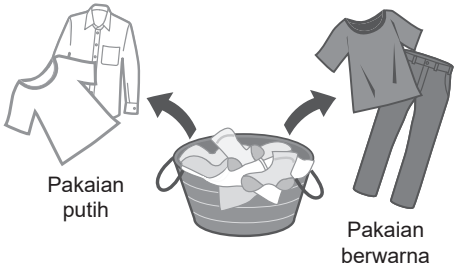


Pemeriksaan pra-cucian





- Cuci berasingan.



- Prarawat untuk kotoran yang degil.

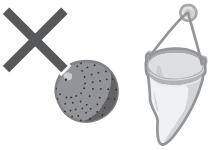
- Patuhi label penjagaan.

Tidak boleh dicuci atau dikeringkan

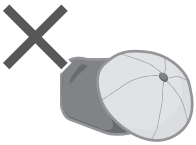
Tidak boleh dicuci atau dikeringkan

Kulit / bulu

Sutera, rayon dan cupro (Fabrik adunan)

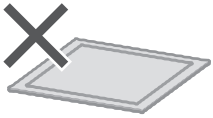


Pembantu pencucian yang tersedia di kedai



Topi dengan bahan teras yang keras

Kusyen, Bantal, dll.



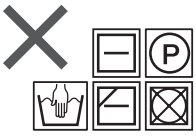
Uretana / tikar beralas getah atau tebal

Lampin kertas

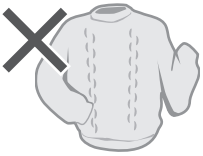
Lain-lain ...

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

Tidak boleh dikeringkan

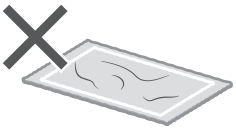


Semua tanda di atas

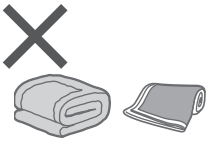


Pakaian bulu

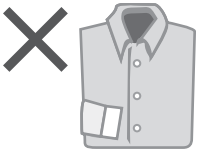
Seluar sama sendat atau sarung kaki



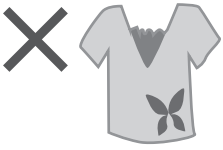
Tikar atau item lain di mana bulu binatang tersangkut



Kuilt



Pakaian berkanji



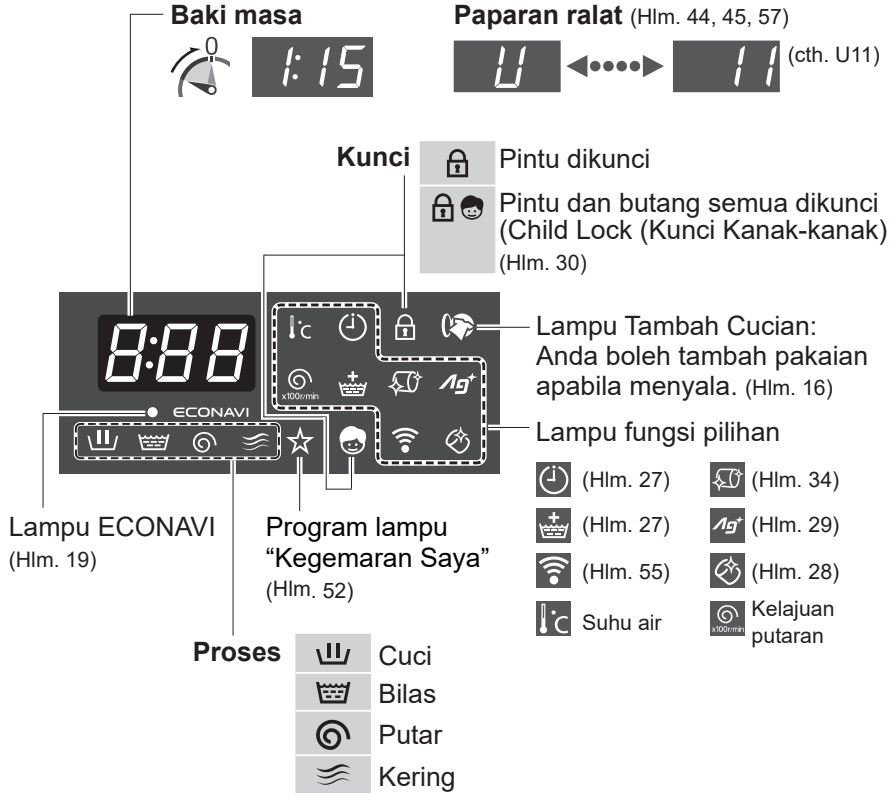
Pakaian dengan tali atau sulaman, serat sintetik baharu dll.

NOTA

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

Panel Kawalan

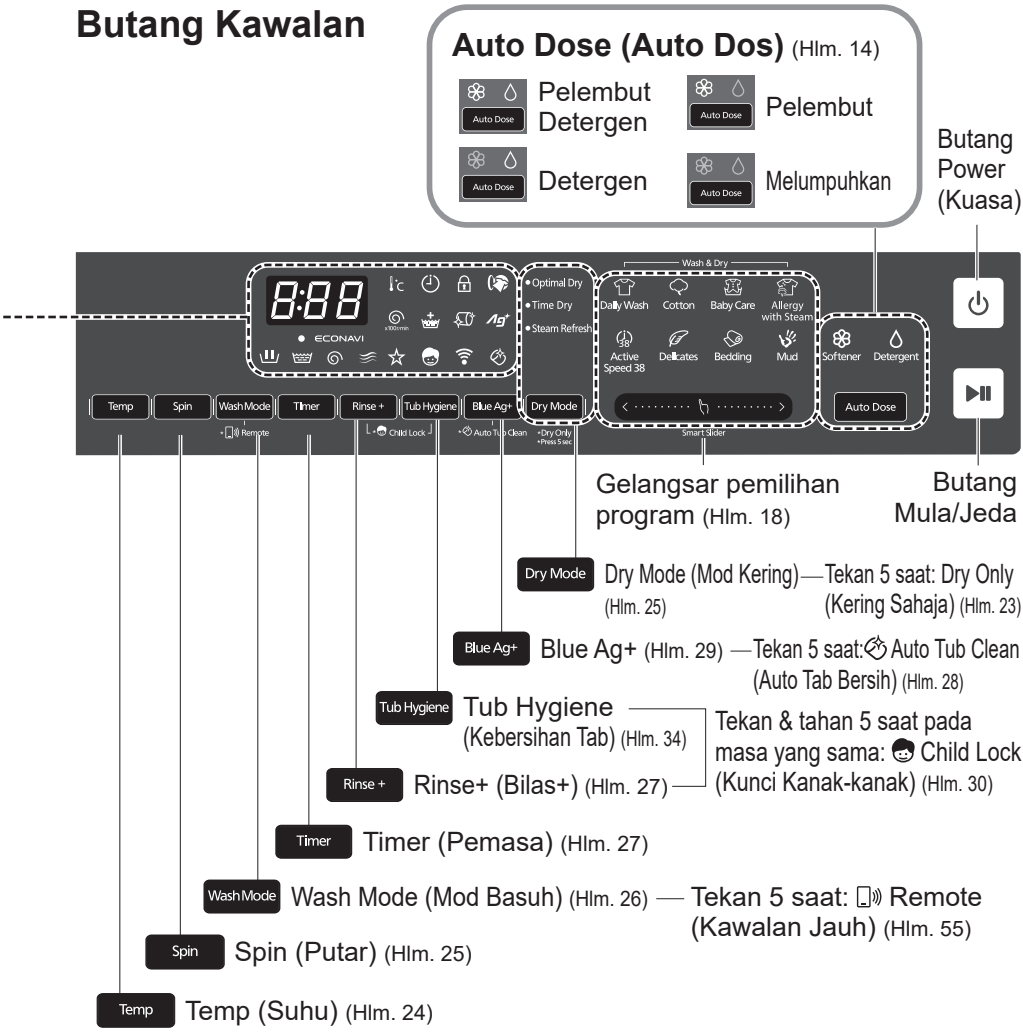
Paparan



Operasi Sentuh

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

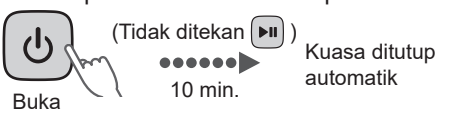
Butang Kawalan



NOTA

- Tutup ➠ buka semula

- Tiada operasi ➠ kuasa ditutup automatik



- Jika berlaku kegagalan kuasa
  ➠ Jika kuasa pulih, operasi akan bersambung di mana ia terhenti. (Mula Semula Auto)

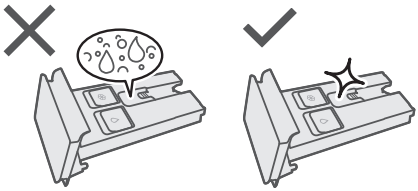
Detergen

- Ikut arahan di setiap bungkusan.

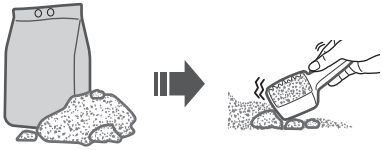
Detergen

Detergen buih rendah

- Untuk mencegah serbuk detergen tertinggal di dalam laci detergen:



Basah Kering



Ketulan Serbuk

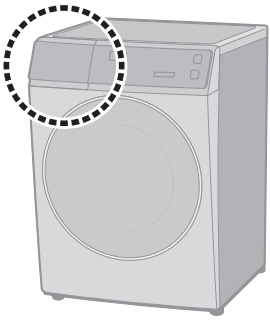
Peluntur

Peluntur memutihkan (peluntur klorin)

Tangki Detergen Manual

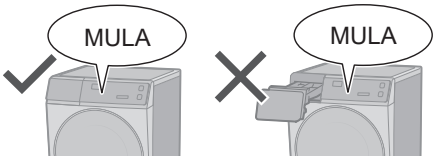
Detergen serbuk Detergen cecair

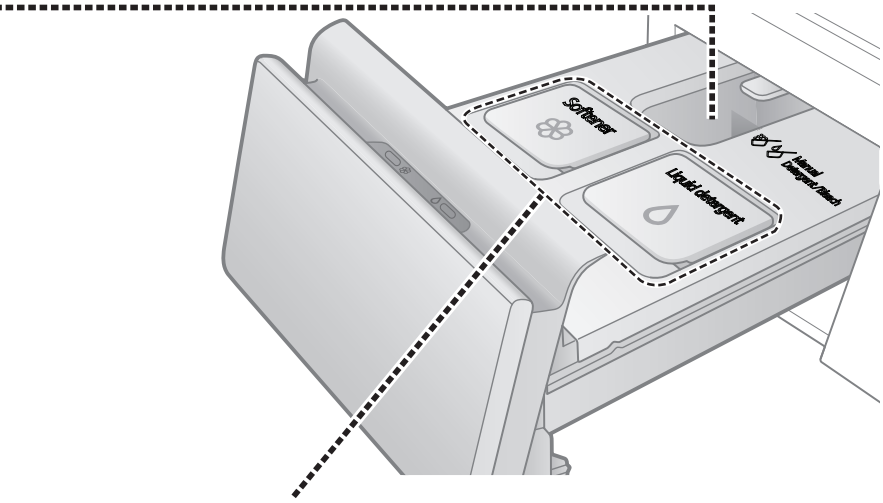
Peluntur



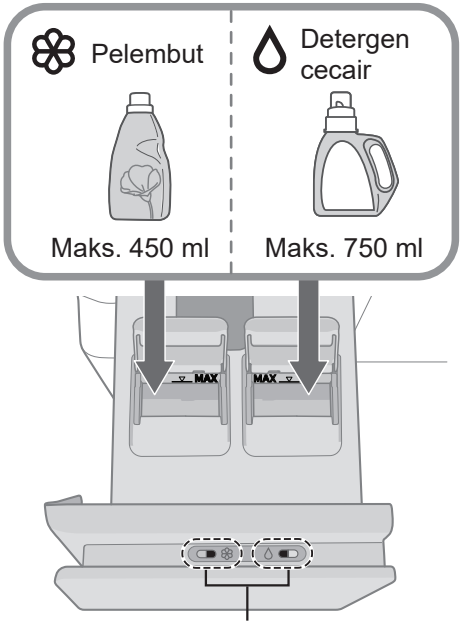
NOTA

- Tutup laci detergen sepenuhnya sebelum digunakan untuk mengelakkan kebocoran air.





Tangki Auto Dos



Apabila menambah detergen/ pelembut, tingkap bertukar daripada hitam kepada merah jambu (pelembut) dan biru (detergen). Tambah detergen/pelembut apabila tingkap kelihatan hitam.

NOTA

- Detergen cecair/pelembut yang dibiarkan lama mungkin berketul atau menjadi pejal. Dalam kes itu, bersihkan laci detergen. (Hlm. 32)

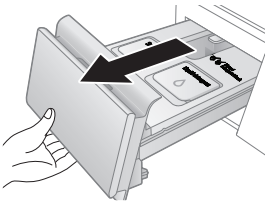
Jangan gunakan pelembut terasing atau pepejal.

Auto Dose (Auto Dos)

Detergen dan pelembut akan ditambah secara automatik bergantung pada jumlah cucian dan tetapan jumlah dos, tersedia dengan semua program kecuali “Tub Hygiene (Kebersihan Tab)” dan “Dry Only (Kering Sahaja)”.

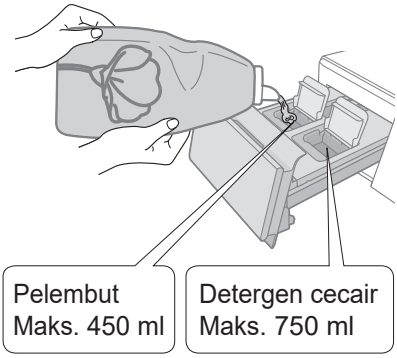
■ Untuk membekalkan detergen / pelembut

1



- Tarik laci keluar.

2

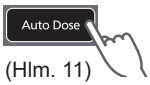


3 Tutup penutup tangki dan tolak laci masuk sepenuhnya.

■ Untuk menetapkan fungsi “Auto Dose (Auto Dos)”.

1

2



(Hlm. 11)

(Tetapan asal)

3

(Tetapan diingati.)

■ Jumlah standard

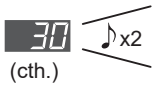
- Kain kering: 4 kg
- Detergen cecair: 30 ml
- Pelembut: 30 ml

■ Untuk menukar jumlah dos

1

2

Tahan 3 saat



(cth.)

pelembut detergen

3

- Untuk meningkatkan atau mengurangkan

- Nilai julat
  - Detergen: 6 ml - 60 ml
  - Pelembut: 6 ml - 81 ml

  Perubahan langkah: 3 ml

(Tetapan diingati.)

4

NOTA

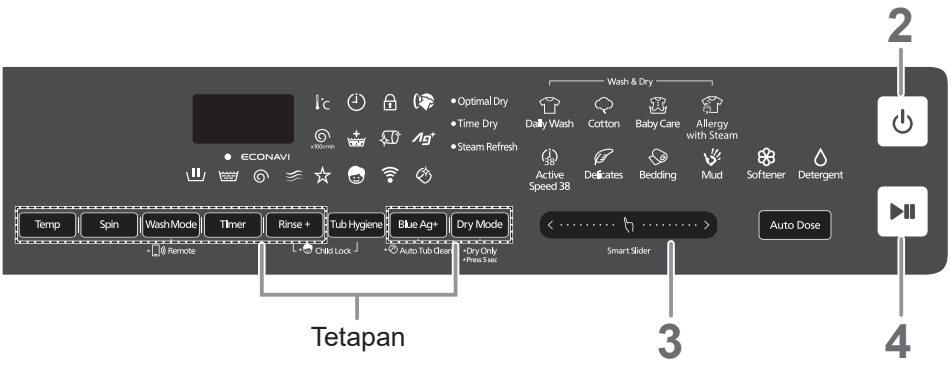
- Jika terdapat air di dalam tab sebelum ini, detergen dan pelembut tidak akan dibekalkan secara automatik semasa mencuci.
- Apabila suhu ambien rendah, masa operasi mungkin lebih lama kerana detergen/pelembut mungkin menjadi pejal.

■ Q&A

	Soalan	Jawapan
Detergen/Pelembut	**Apakah yang tidak boleh digunakan dengan fungsi “Auto Dose (Auto Dos)”?**	Perkara berikut tidak boleh digunakan: ● Detergen serbuk ● Peluntur ● Sabun cair ● Sabun serbuk ● Item yang tidak mempunyai label “Anggaran jumlah untuk digunakan” pada bungkusan Soda penaik tidak boleh digunakan untuk dos manual atau auto.
	Menukar jenama?	Ikuti langkah di bawah: ① Kosongkan tangki Auto Dos dan bersihkannya. (Hlm. 32) (Mencampurkan jenama yang berbeza boleh menyebabkan tersumbat) ② Tambah detergen/pelembut baharu. (Hm. 14)
	Bolehkah saya menambahkannya sebelum habis?	Jenama yang sama boleh ditambah.
	Apakah jumlah standard untuk detergen/ pelembut?	● umlah standard ialah jumlah detergen/pelembut yang digunakan per 4 kg kain kering. Semak maklumat pada pakej. ● Jika tiada maklumat pada pakej atau jika anda tidak pasti, hubungi pengilang.
Cara menggunakan fungsi “Auto Dose (Auto Dos)”	**Berapa kali cucian boleh dibasuh dengan tangki Auto Dos penuh?**	● Detergen: kira-kira 22 kali Bilangan kali berbeza-beza bergantung pada jumlah dobi dan tetapan jumlah dos.
	Jika anda tidak menetapkan jumlah dos?	● Jumlah standard ialah • 30 ml detergen per 4 kg kain kering • 30 ml pelembut per 4 kg kain kering ● Jika tetapan tidak sesuai untuk detergen/pelembut yang anda gunakan, kotoran mungkin tidak tanggal atau pakaian menjadi gelap.
	Apakah yang berlaku jika detergen dimasukkan kedalam Tangki Detergen Manual semasa menetapkan fungsi “Auto Dose (Auto Dos)”?	Kerana ia dimasukkan dua kali, ia akan menjadi terlalu banyak.

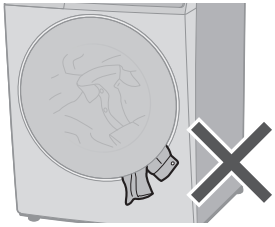
Mencuci & Mengering

Kaedah Asas



NOTA

■ **Jangan biarkan pakaian tersangkut di pintu.**

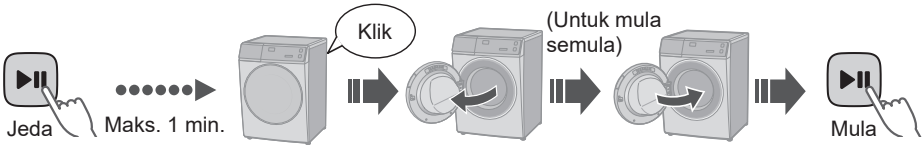


■ **Jangan terlebih isi pakaian.**

■ **Buka pintu semasa operasi**

● **Semasa mencuci**

(Anda boleh tambah pakaian apabila menyala.)

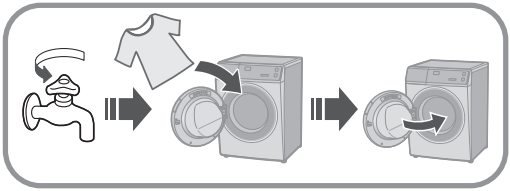


● **Semasa Mengering**

NOTA

● Pintu tidak boleh dibuka. ➡ (Hlm. 38)

1

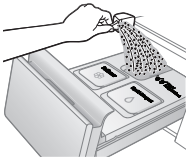


2

Buka

Menyemak tetapan “Auto Dose (Auto Dos)” (Hlm. 11, 14)

atau



3

Pilih program. (Hlm. 18)

■ **Menukar tetapan.**

Tetapan

Temp Temp (Suhu) (Hlm. 24)	Spin Spin (Putar) (Hlm. 25)	WashMode Wash Mode (Mod Basuh) (Hlm. 26)	Timer Timer (Pemasa) (Hlm. 27)
Rinse + Rinse+ (Bilas+) (Hlm. 27)	Tub Hygiene Tub Hygiene (Kebersihan Tab) (Hlm. 34)	Blue Ag+ Blue Ag+; Auto Tub Clean (Auto Tab Bersih) (Hlm. 28, 29)	Dry Mode Dry Mode (Mod Kering) (Hlm. 25)

4

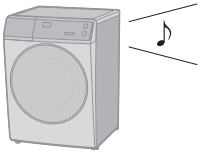
Mula

Mengukur jumlah cucian

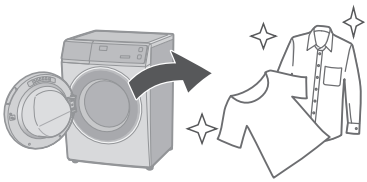
(30 saat)

Memaparkan masa yang diperlukan (dikira semula)

(cth.)



5



Senarai Program

CUCI & KERING / CUCI

Program	Huraian	Muatan maks (kg)		Masa keseluruhan	
		Cuci	Kering	CUCI	CUCI & KERING
Daily Wash (Cucian Harian)	● Pakaian harian	11.5	7.0	1:30	3:55 - 7:35
Cotton (Kapas)	● Pakaian harian dengan masa tambahan (lebih banyak penjimatan tenaga dan air daripada program “Daily Wash (Cuci Harian)”)	11.5	7.0	3:00	5:25 - 7:00
Baby Care (Penjagaan Bayi)	● Pakaian untuk bayi & mereka yang berkulit sensitif Membilas sebersih-bersihnya	5.0		2:20	4:50 - 6:15
Allergy with Steam (Alahan dengan Steam)	● Untuk kutu	5.0	5.0	2:05	4:30 - 6:00
Tub Hygiene (Kebersihan Tab)	● Mencuci dram.	Tiada		3:45	4:30

KERING

Program	Huraian	Muatan maks(kg)	Masa keseluruhan
Dry Only (Kering Sahaja) **Tekan 5 saat.**	● Digunakan untung mengeringkan pakaian.	7.0	1:39 - 6:10

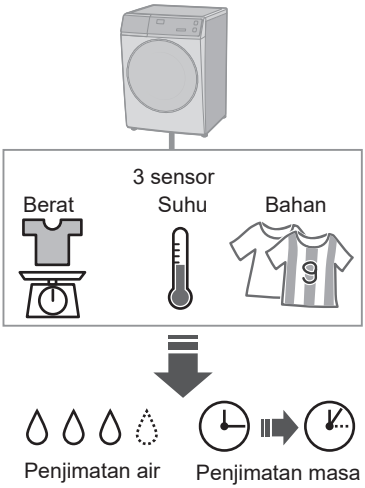
● **Jumlah masa ialah kira-kira** (Apabila kadar bekalan air standard ialah 15 L / min). Untuk suhu air lalai setiap program.

CUCI

Program	Huraian	Muatan maks (kg)	Masa keseluruhan
Active Speed 38 (Aktif Kelajuan 38)	● Muatan kecil	5.0	0:38
Bedding (Cadar)	● Item besar	3.0	1:30
Delicates (Mudah Rosak)	● Mencuci dengan lembut	2.0	0:50
Mud (Lumpur)	● Noda lumpur	11.5	3:35

ECONAVI

● Program “Daily Wash (Cucian Harian)”



■ **Lampu penunjuk**

Mengesan

ECONAVI didayakan

ECONAVI dinyahdayakan

Butiran Program

Program		Tetapan	Tetapan auto			
			Temp (Suhu) (°C)	Spin (Putaran) (r/min)	Dry (Kering)	Temp (Suhu) (°C)
CUCI & KERING		**Daily Wash (Cucian Harian)**	40	1200	Optimal	Sejuk, 30, 40, 60
		Cotton (Kapas)	60	1400	Optimal	Sejuk, 30, 40, 60
		Baby Care (Penjagaan Bayi)	40	1400	Optimal	Sejuk, 30, 40, 60
		Allergy with Steam (Alahan dengan Steam)	60	1400	Optimal	60
		Tub Hygiene (Kebersihan Tab)	40	1200	Optimal	40
CUCI		**Daily Wash (Cucian Harian)**	40	1200	–	Sejuk, 30, 40, 60
		Cotton (Kapas)	60	1400	–	Sejuk, 30, 40, 60
		Baby Care (Penjagaan Bayi)	40	1400	–	Sejuk, 30, 40, 60
		Allergy with Steam (Alahan dengan Steam)	60	1400	–	60
		Tub Hygiene (Kebersihan Tab)	40	1200	–	40
		Active Speed 38 (Aktif Kelajuan 38)	40	1200	–	Sejuk, 30, 40
		Bedding (Cadar)	Sejuk	700	–	Sejuk, 30
		Delicates (Mudah Rosak)	30	500	–	Sejuk, 30, 40
		Mud (Lumpur)	40	1200	–	40
KERING		**Dry Only (Kering Sahaja)**	–	✓ *1	Optimal	–

NOTA

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

Julat tetapan			Fungsi pilihan					
	Spin (Putaran) (r/min)	Dry Mode (Mod Kering)	Wash Mode (Mod Basuh)	Dry Mode (Mod Kering)	Timer (Pemasa)	Rinse+ (Bilas+)	Blue Ag+	Auto Tub Clean (Auto Tab Bersih)
	1200, 1400	Optimal, Time	✓	✓	✓	✓	✓	✓
	1200, 1400	Optimal, Time	✓	✓	✓	✓	✓	✓
	1200, 1400	Optimal, Time	✓	✓	✓	✓	✓	✓
	1200, 1400	Optimal, Time	–	✓	✓	–	–	✓
	1200	Optimal	–	✓	–	–	–	–
	, 500, 700, 1200, 1400	–	✓	–	✓	✓	✓	✓
	, 500, 700, 1200, 1400	–	✓	–	✓	✓	✓	✓
	, 500, 700, 1200, 1400	–	✓	–	✓	✓	✓	✓
	, 500, 700, 1200, 1400	–	–	–	✓	–	–	✓
	1200	–	–	–	–	–	–	–
	, 500, 700, 1200, 1400	–	✓	–	✓	–	✓	✓
	, 500, 700	–	✓	–	✓	✓	✓	–
	, 500	–	✓	–	–	✓	✓	–
	, 500, 700, 1200, 1400	–	✓	–	✓	✓	✓	✓
	–	Optimal, Time, Steam Refresh	–	✓	–	–	–	–

: Toskan sahaja (Tiada putaran)

- Menetapkan masa untuk Time Dry (Kering Masa): 30, 60, 90, 150, 210, 320 min.

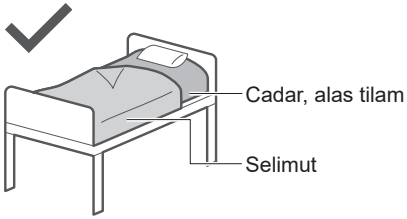
*1 Sekiranya mod “Optimal Dry (Kering Optimum)”,
Sekiranya berat pakaian berat, putaran dilakukan: 1200
Sekiranya berat pakaian ringan, putaran tidak dilakukan:

Tip Mencuci & Mengering

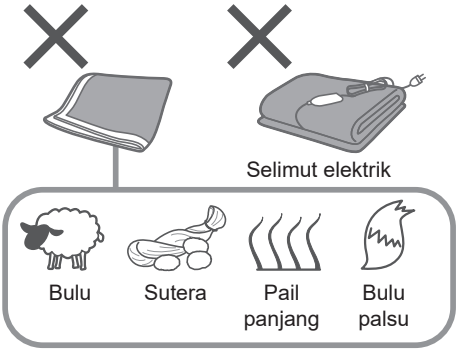
Bedding (Cadar)

■ Item boleh dicuci

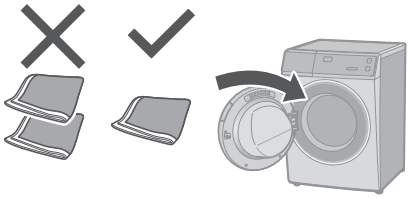
- 30 40 (Cuci) ● (Cucian tangan)
- 100 % kapas atau 100 % sintetik



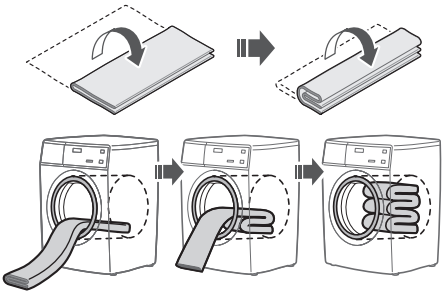
■ Item tidak boleh dicuci



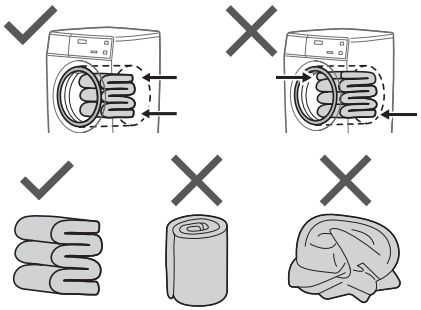
NOTA



■ Masukkan selimut ke dalam dram



NOTA



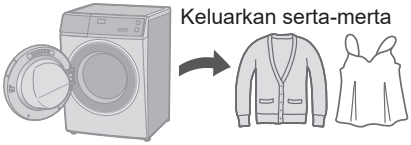
Delicates (Mudah Rosak)

■ Semasa mencuci

- Untuk membilas dengan lengkap, gunakan fungsi “Rinse+ (Bilas+)”. (Hlm. 27)

NOTA

■ Selepas operasi tamat



Dry Only (Kering Sahaja)

Anda boleh ubah mod kering bergantung kepada pakaian.

1

Buka

2

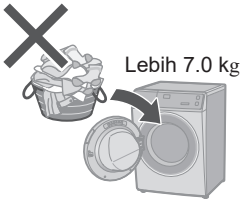
Tekan 5 saat. (untuk "Dry Only (Kering Sahaja)")

3 **Pilih "Dry Mode (Mod Kering)".**

4

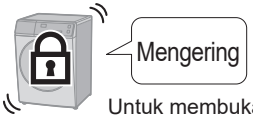
Mula

NOTA

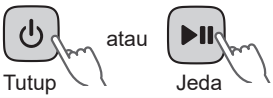


- Buka pili walaupun sedang mengering.

- Pintu dikunci semasa mengering.



Untuk membuka pintu (Hlm. 16)

Mod Kering	Huraian
Optimal Dry (Kering Optimum)	Untuk pakaian sensitif-haba (Maks. 7.0 kg).
Steam Refresh (Penyegaran Stim)	Gunakan wap untuk mengurangkan kedutan dan bau pada kain kering seperti linen atau blaus baju kapas atau fabrik tiruan. (Maks. 2.0 kg kain kering). *Masa: 37 min. *Selepas pengeringan, dram akan berputar setiap 5 minit selama 40 saat untuk mengelakkan kedutan yang disebabkan oleh pakaian ditinggalkan tanpa pengawasan. Lampu (Buka) Lebih kurang 2 jam • Untuk membuka pintu:  Tutup atau Jeda
Time Dry (Kering Masa) 30 60 90 150 210 320	• Untuk pakaian yang mudah kedut. Tekstur lebih nipis kosong dianyam dan krep dll. • Untuk pakaian sedikit (Maks. 0.5 kg). *Masa: 30 min. *Selepas mengering: Keluarkan serta-merta • Untuk pakaian separuh kering. *Masa: 30 min. dan lebih

Mengubah Tetapan Proses

■ **Menyediakan**

- Susun pakaian dan masukkan ke dalam dram. (Hlm. 8)
- Menyemak tetapan “Auto Dose (Auto Dos)” atau tambah detergen secara manual (Hlm. 11, 12, 14)

1

Buka

2 Pilih program. (Hlm. 18)

3 **Ubah tetapan program.**

Spin Spin (Putar)

Temp Temp (Suhu)

Dry Mode (Mod Kering) Dry Mode

- Pilihan dan julat tetapan yang tersedia adalah berbeza bergantung kepada program. (Hlm. 20)
- Penggera berbunyi jika anda memilih pilihan yang tidak tersedia.

4

Mula

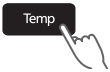
Temp (Suhu)

Mengubah suhu cucian.

Rendah Tinggi

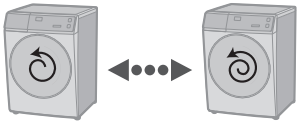
■ **Panduan tetapan**

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

3  (Hlm. 20)

r/min Spin (Putar)

Ubah kelajuan putaran.



■ Panduan tetapan

Rendah	Tinggi
● Mengurangkan kedutan 	● Untuk mengeringkan lebih menyeluruh

3

(Hlm. 21)

■ To mengubah tetapan semasa mencuci

Cuci

1
Jeda

2

3
Mula

CUCI & KERING Dry Mode (Mod Kering)

Pilih kombinasi proses.

(cth.)

3

Dry Mode (Mod Kering) (Hlm. 23)

Mengubah Tetapan Proses (sambungan)

■ **Menyediakan**

- Susun pakaian dan masukkan ke dalam dram. (Hlm. 8)
- Menyemak tetapan “Auto Dose (Auto Dos)” atau tambah detergen secara manual (Hlm. 11, 12, 14)

1

Buka

2 Pilih program. (Hlm. 18)

3 **Ubah tetapan program.**

Wash Mode (Mod Basuh) — Wash Mode

Timer (Pemasa) — Timer

Rinse+ (Bilas+) — Rinse +

- Pilihan dan julat tetapan yang tersedia adalah berbeza bergantung kepada program. (Hlm. 20)
- Penggera berbunyi jika anda memilih pilihan yang tidak tersedia.

4

Mula

Wash Mode (Mod Basuh)

Pilih kombinasi basuh, bilas dan putar.

(cth.) ☑ ☑ ☑

Cuci ▸ Bilas ▸ Putar

3

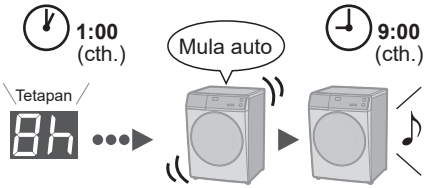
*1	Cuci
*2	Bilas
*2	Putar
	Cuci dan bilas
	Cuci dan putar
*2	Bilas dan putar

*1 Air dikeluarkan selepas proses cucian.

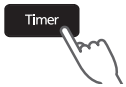
*2 Keluarkan air dahulu jika ada air di dalam dram.

Timer (Pemasa)

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



3



Tekan atau tahan

(cth.)

■ **Untuk periksa masa pratetap**

■ **Untuk batalkan tetapan**

(Semua tetapan dibatalkan)

Tutup

NOTA

Mula

Semua penanda dipadamkan kecuali

● Tidak tersedia: Hlm. 21

Rinse+ (Bilas+)

Tambah bilasan ekstra.

3

Padam (Tutup)

Lampu (Buka)

■ **To mengubah tetapan semasa mencuci**

Mencuci

1

Jeda

2

Tutup Buka

3

Mula

Mengubah Tetapan Proses (sambungan)

■ **Menyediakan**

- Susun pakaian dan masukkan ke dalam dram. (Hlm. 8)
- Menyemak tetapan “Auto Dose (Auto Dos)” atau tambah detergen secara manual (Hlm. 11, 12, 14)

1

Buka

2 Pilih program. (Hlm. 18)

3 **Ubah tetapan program.**

Blue Ag+
Auto Tub Clean
(Auto Tab Bersih)

- Pilihan dan julat tetapan yang tersedia adalah berbeza bergantung kepada program. (Hlm. 20)
- Penggera berbunyi jika anda memilih pilihan yang tidak tersedia.

4

Mula

Auto Tub Clean (Auto Tab Bersih)

Tambah proses pembersihan tab.

3 **Tekan 5 saat.**

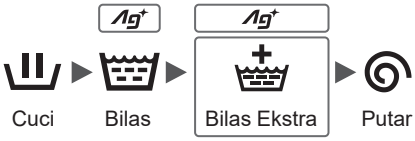
Padam (Tutup) — Lampu (Buka)

NOTA

- Tetapan diingati.

Ag+ Blue Ag+

Fungsi membunuh bakteria (Maks. 3.0 kg).

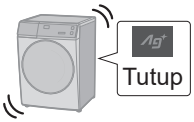


3

■ Hayat perkhidmatan untuk bekas Ag+

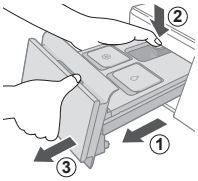
- "Blue Ag+" berkesan sehingga kira-kira 300 ke 350 kali (selama kira-kira 7 tahun jika digunakan seminggu sekali).
- Tukar bekas jika kandungan berkurang.

- Gantikan
- Cuci tanpa "Ag+"



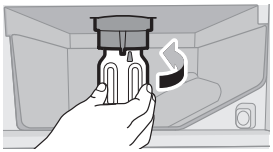
■ Tukar bekas Ag+

1 Keluarkan laci detergen.

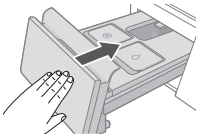


2 Keluarkan bekas Ag+

3 Tukar dan pasangkan bekas Ag+

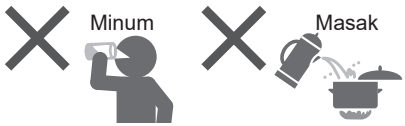


4 Pasang laci detergen sepenuhnya



NOTA

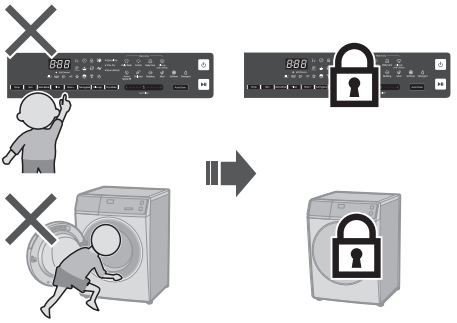
- Jangan guna air tersebut untuk tujuan.



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

Mengubah Tetapan Mesin

Menetapkan Kunci Kanak-kanak

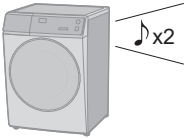


1

Buka

2

Tekan 5 saat.



Lampu
(Buka)

■ **Untuk batalkan:**

Prosedur yang sama

Padam
(Tutup)

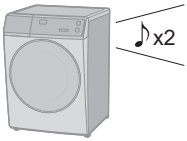
Membatalkan pembaz

1

Buka

2

Tekan 5 saat.



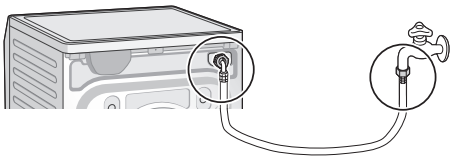
■ **Untuk menetapkan semula:**

Prosedur yang sama

Penyelenggaraan

Penapis bekalan air

Jika air tidak mengalir dengan lancar



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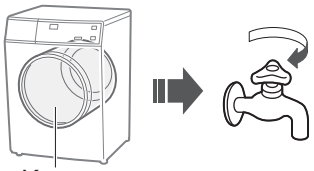


2

3

Pilih

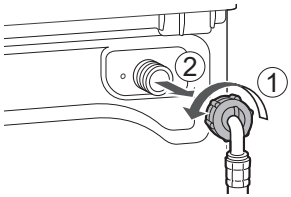
Daily Wash
(Cucian Harian)

4

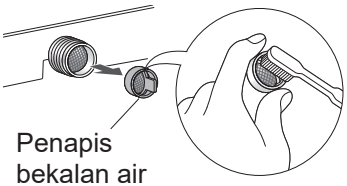
5

Keluarkan dan bersihkan penapis

6

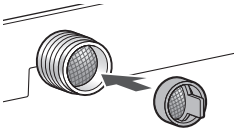


7



Penapis
bekalan air

8



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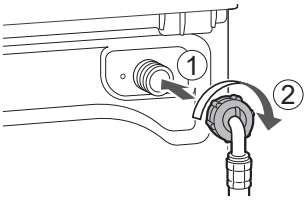

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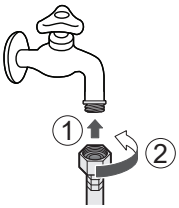
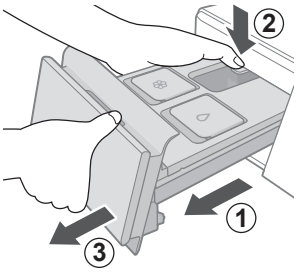


Penyenggaraan (sambungan)

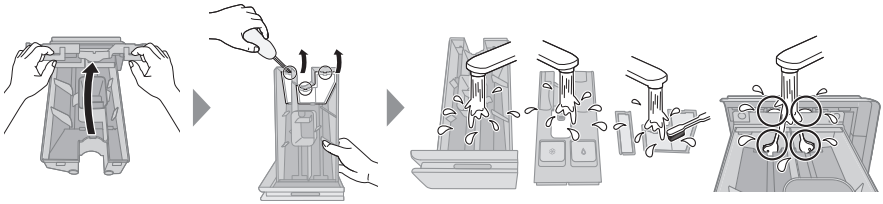
Laci detergen

3 bulan sekali	Apabila menukar jenama detergen atau pelembut	Apabila tidak digunakan lebih dari 1 bulan	Apabila tetingkap tidak berubah warna semasa digunakan

1 Keluarkan laci detergen.



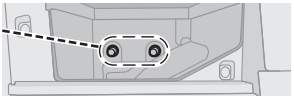
2 Buka penutup laci, keluarkan 2 penapis, kemudian basuh dengan air.



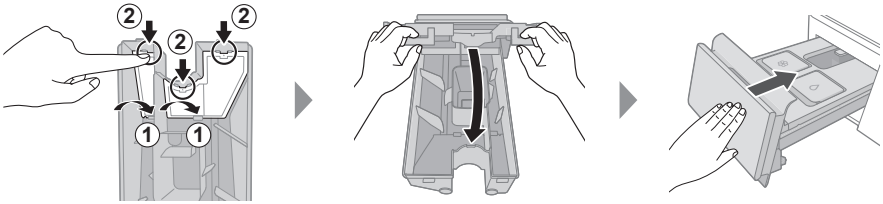
Buka penutup laci | Keluarkan penapis | Basuh dengan air | Basuh kedudukan yang dibulatkan untuk membersihkan tingkap

NOTA

- Jangan gunakan semula sisa detergen cecair dan pelembut.
- Jangan lap sendi. (sebab tersumbat)

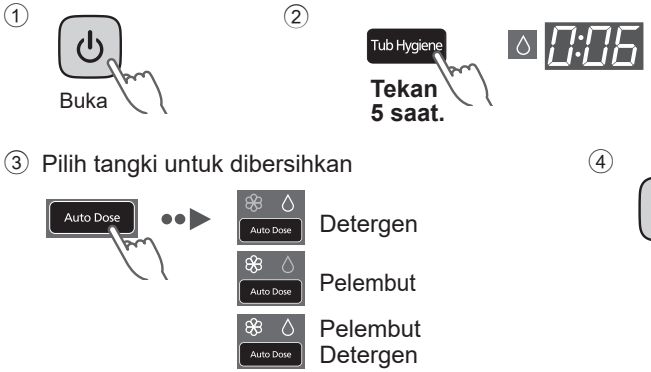


3 Pasang penapis, tutup penutup dan pasangkan laci.



4

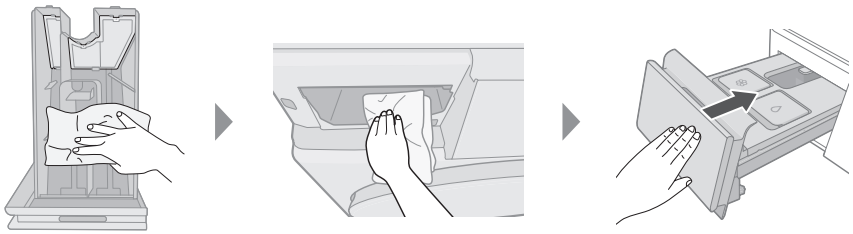
- Isikan tangki kira-kira separuh dengan air, kemudian tutup rapat.
- Tutup pintu mesin basuh dan jalankan fungsi “Bersihkan Tangki Auto Dos” untuk membersihkan (6 minit penyelenggaraan).



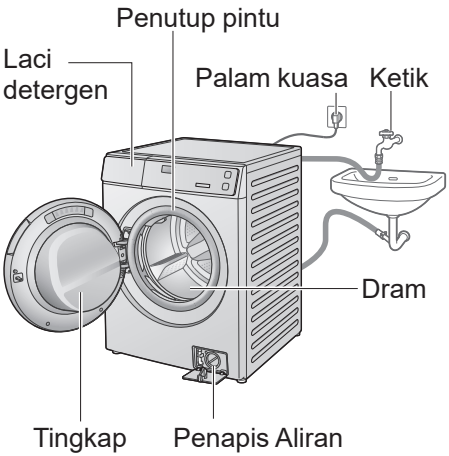
- Jika sambungan tersumbat, jalankan fungsi “Bersihkan Tangki Auto Dos” untuk membersihkan secara mendalam (47 minit penyelenggaraan).

5

Keluarkan laci, buang air yang tersisa dan lap sisa air, kemudian pasangkan laci.

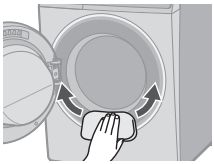


Penyenggaraan (sambungan)



Mesin

Penutup pintu



Untuk kotoran degil

NOTA

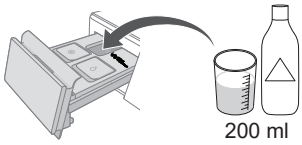
- Jangan guna pencuci atau pencair berpasir, atau produk yang mengandungi alkohol atau minyak parafin.

Dram

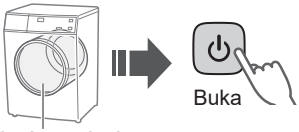
Sebulan sekali atau jika menyala <Tub Hygiene (Kebersihan Tab)>

1

2 Peluntur pemutih (peluntur klorin)



3



Tiada pakaian

4

- untuk Cuci

- untuk Cuci & Kering

5

NOTA

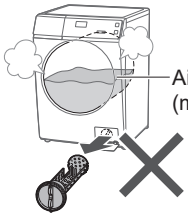
- Jika program “Tub Hygiene (Kebersihan Tab)” tidak berjalan, penunjuk berbunyi jika program lain berjalan sebanyak 3 kali.

Penapis Aliran

Sebulan sekali

Pastikan air di dalam dram dialirkan sebelum prosedur ini.

⚠ AWAS



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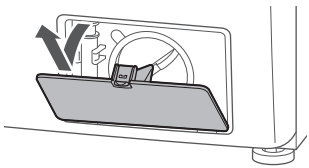

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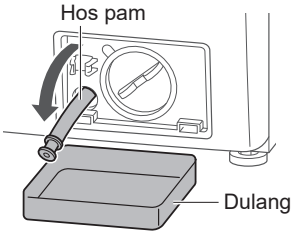

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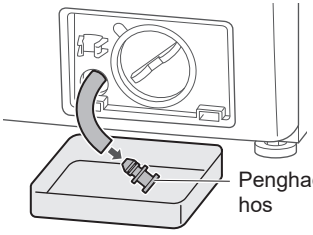

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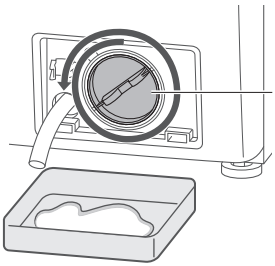

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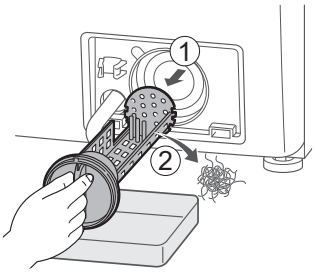
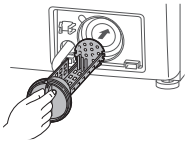


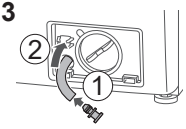
8 **Gantikan**

1



2 Sehingga ia di tempat yang betul

3



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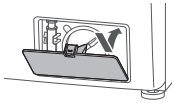
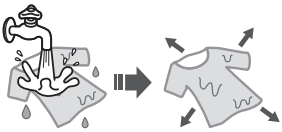
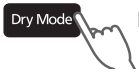
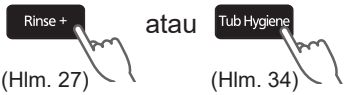
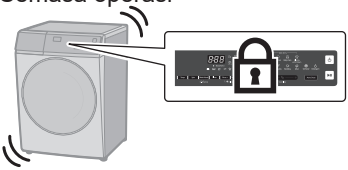
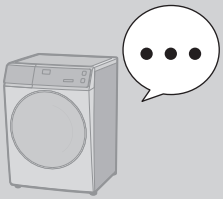
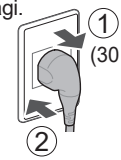
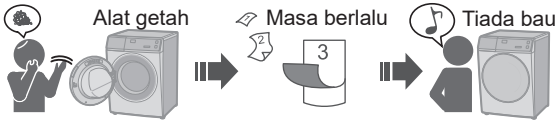


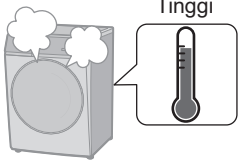
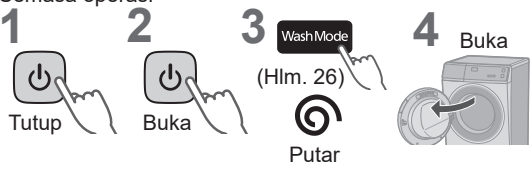
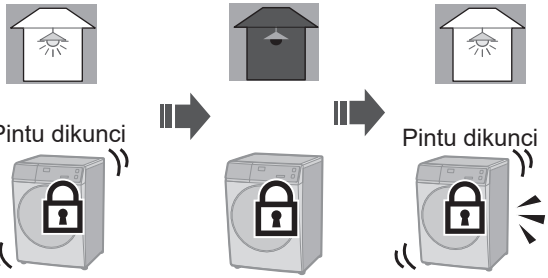
Untuk Hasil yang Lebih Baik

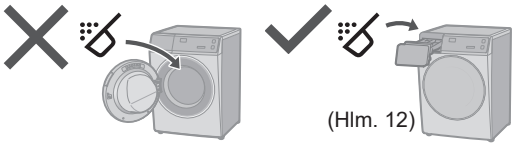
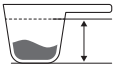
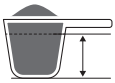
Simptom	Tip untuk hasil yang baik
Pakaian kecut 	Jika produk kapas mengecut daripada pengeringan ● Lembapkan dan regangkan. 
Rasa sentuhan berubah disebabkan kedutan 	● Kurangkan jumlah pakaian. ● Memilih mod kering. (Hlm. 23)  Bergantung kepada pakaian ● Selepas mengering Keluarkan serta-merta
• **Pengeringan tidak cukup** • **Pengeringan tidak sekata** 	● Kurangkan jumlah pakaian. ● Buka.
Rasa kasar 	● Apabila tuala rasa kasar selepas cucian
Terdapat lin 	● “Rinse+ (Bilas+)” atau “Tub Hygiene (Kebersihan Tab)”  (Hlm. 27) (Hlm. 34)

Penyelesaian Masalah

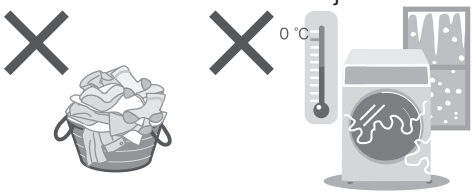
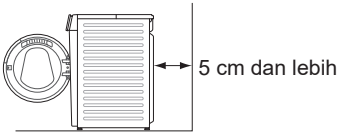
	Simptom	Titik untuk diperiksa
Unit utama	Tekan butang Tiada reaksi	☐Sebab yang mungkin ● Semasa operasi  ☐Cuba ● Child Lock (Kunci Kanak-kanak) (Hlm. 30) (Tutup)
	Tiada operasi 	☐Periksa ● Potongan kuasa ● Pemasa ☐Cuba ● Tutup pintu. ● Buka. ● Buka dan masukkan sekali lagi.  (30 saat) ● Tekan “Start (Mula)”. ● Hidupkan pemutus.
	Bau getah 	☐Sebab yang mungkin  Alat getah Masa berlalu Tiada bau ☐Cuba Tub Hygiene (Kebersihan Tab) (Hlm. 34)

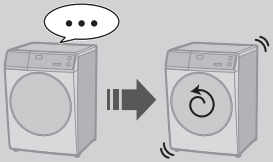
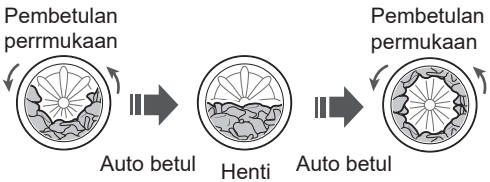
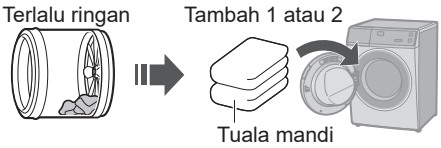
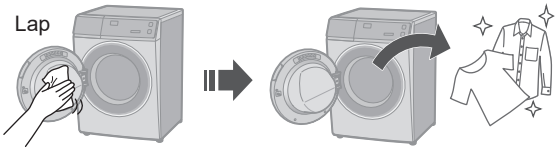
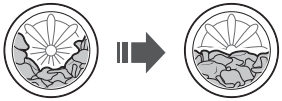
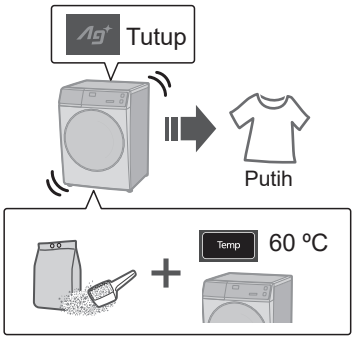
Penyelesaian Masalah (sambungan)

	Simptom	Titik untuk diperiksa
Unit utama	**Pintu tidak boleh dibuka**	☐Sebab yang mungkin ● Semasa operasi (Mencuci atau mengering) Pintu dikunci Untuk membuka pintu semasa operasi (Hlm. 16) ☐Periksa ● Suhu  Tinggi ● Paras air Tinggi ☐Cuba ● Child Lock (Kunci Kanak-kanak) (Hlm 30) ● Semasa operasi  1 Tutup 2 Buka 3 Wash Mode (Hlm. 26) Putar 4 Buka NOTA  Potongan kuasa Dipulihkan Pintu dikunci Pintu dikunci

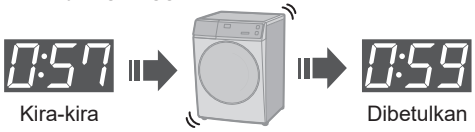
	Simptom	Titik untuk diperiksa
Pencuci dan buih	**Selepas mencuci** 	☐Periksa (Hlm. 12)
	 Buih	☐Sebab yang mungkin ● Jumlah buih berbeza-beza. ● Suhu ● Paras air ● Kelembutan air
	Tidak cukup 	☐Periksa ● Detergen serbuk  (Hlm. 12) ● Detergen terlalu sedikit atau menetapkan terlalu sedikit detergen dalam fungsi “Dos Auto (Auto Dos)”  ● Detergen rendah buih ● Sangat Kotor ● Muatan terlalu besar
	Terlalu banyak 	☐Periksa ● Detergen terlalu banyak atau menetapkan terlalu banyak detergen dalam fungsi “Auto Dose (Auto Dos)” 

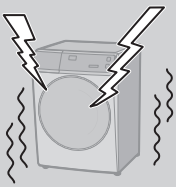
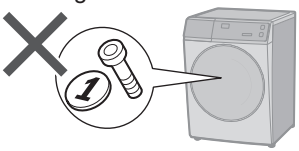
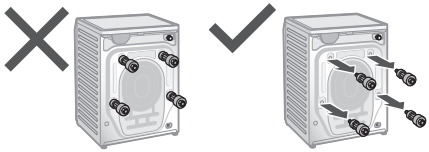
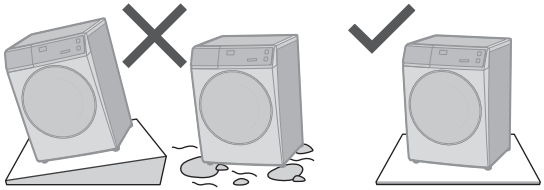
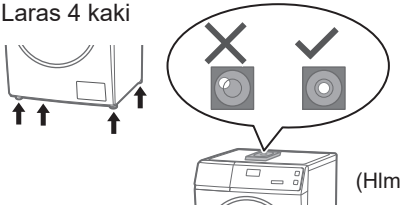
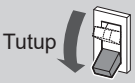
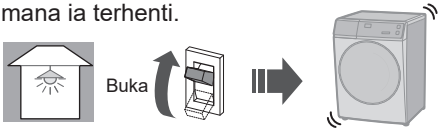
Penyelesaian Masalah (sambungan)

	Simptom	Titik untuk diperiksa
Cuci	Semasa mencuci **Saliran air**	☐Sebab yang mungkin
Kering	**Mengering ambil terlalu lama** 	☐Periksa ● Terlalu berat ● Terlalu sejuk  ☐Cuba ● Periksa lokasi. 

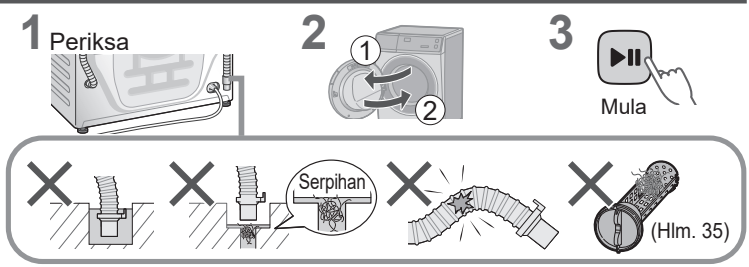
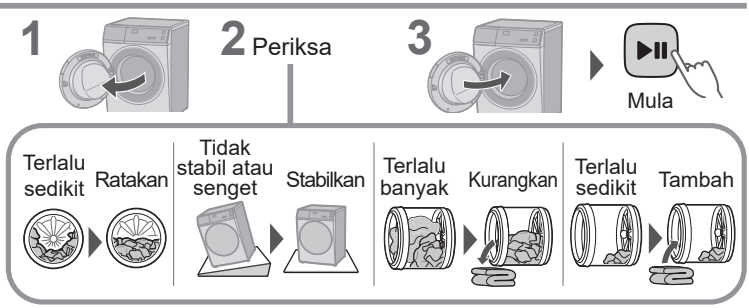
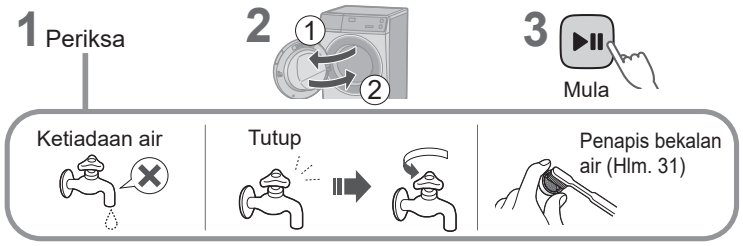
	Simptom	Titik untuk diperiksa
Bilas/Putar	Semasa proses putaran  **Henti** **Pusing beberapa kali**	☐Sebab yang mungkin  Pembetulan perrmukaan Pembetulan permukaan Auto betul Henti Auto betul ☐Cuba  Terlalu ringan Tambah 1 atau 2 Tuala mandi
	Selepas mencuci **Buih atau air**	☐Cuba  Lap
	Putaran bertukar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

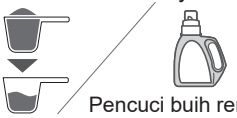
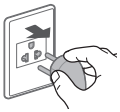
Penyelesaian Masalah (sambungan)

	Simptom	Titik untuk diperiksa
Masa	**Semasa mencuci** Masa dipapar 0:57 ···▸ 0:59 Perubahan	☐Sebab yang mungkin ● Masa yang tinggal dibetulkan semasa operasi.  Kira-kira Dibetulkan ● Jika tetapan diubah ● Jika pakaian tidak rata ➡ Masa yang tinggal boleh bertambah.
	Baki masa Tidak berkurang 0:57 ···▸ 0:57 **atau** Tiba-tiba berkurang 0:57 ···▸ 0:40	☐Sebab yang mungkin Masa yang dipaparkan adalah sebagai panduan.
Bunyi	**Semasa saliran air** 	☐Sebab yang mungkin ● Ini adalah normal. Pam saliran.
	Bunyi kipas berputar 	☐Sebab yang mungkin ● Ini adalah normal. Kipas tersebut menyejukkan alat elektrik.
	Motor mengeluarkan bunyi 	☐Sebab yang mungkin ● Ini adalah normal. Motor akan mengeluarkan bunyi pendek ketika dram bergerak.

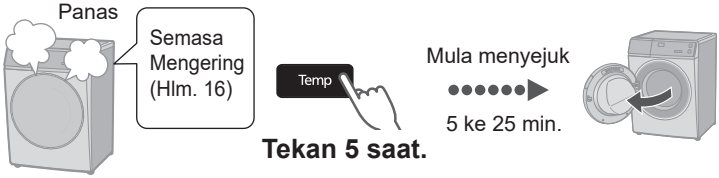
	Simptom	Titik untuk diperiksa
Bunyi	**Bunyi aneh (atau getaran)** 	☐Periksa ● Item logam  ● Bolt pengikat (Hlm. 48)  ● Cerun atau permukaan tidak stabil  ● Laras 4 kaki  (Hlm. 48)
Lain-lain	Potongan kuasa Pemutus  Tutup	☐Periksa ● Jika kuasa pulih, operasi akan bersambung di mana ia terhenti.  Buka

Paparan Ralat

Paparan Ralat	Titik untuk diperiksa
U11 **Tidak dapat disalirkan**	
U12 **Pintu dibuka**	
U13 **Tidak dapat berputar**	
U14 **Tidak dapat membekalkan air**	
U15 **Tidak dapat menyalirkan ketika mengering**	

Paparan Ralat	Titik untuk diperiksa
U 17 **Tidak dapat berputar**	**1** Mula semula **2** Jalankan Bilas dan Putar program "Active Speed 38 (Aktif Kelajuan 38)" ● Cucian seterusnya: 
H□□	**1** **2**  **3**

■ **Maklumat**

hot **Tidak dapat dibuka**	

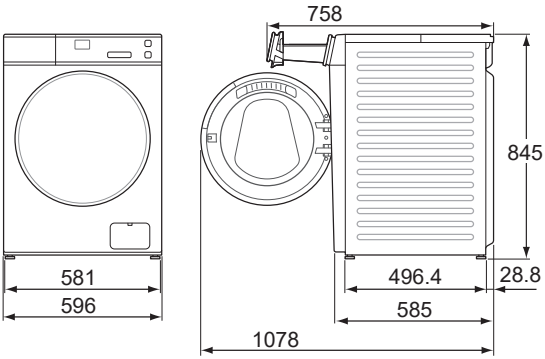
Pemasangan Memilih Lokasi yang Betul

Pastikan anda minta bantuan juruteknik servis untuk pemasangan.

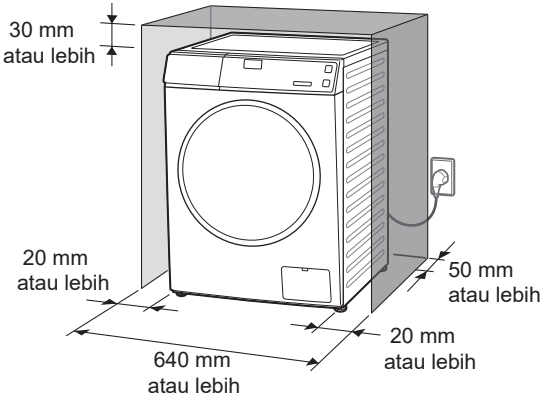
- Jangan pasang mesin ini sendiri.
- Ikuti kaedah pemasangan ini. Jika tidak, Panasonic tidak akan bertanggungjawab di atas apa-apa kemalangan atau kerosakan.

Ukuran mesin

(mm)

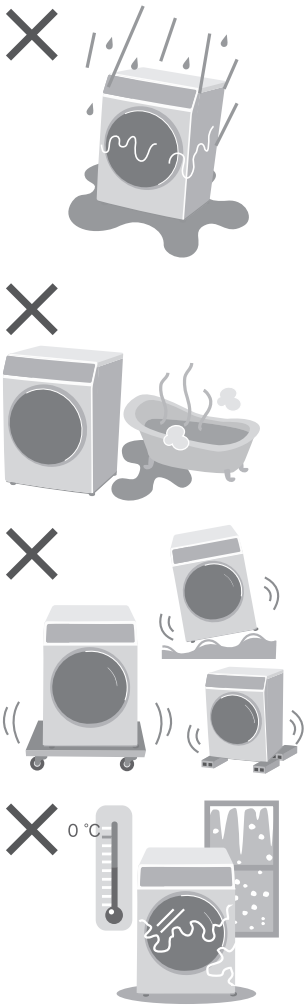


■ Tetapkan pemasangan



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

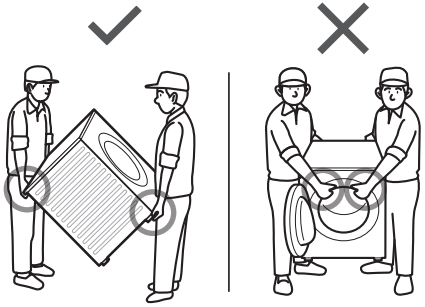
Periksa lokasi.

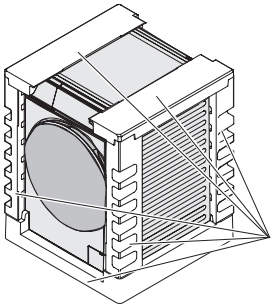


Pemasangan Memindah dan Memasang

Membawa mesin

Jangan lakukannya bersendirian.

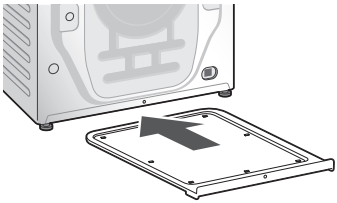




Tanggalkan semua kusyen pembungkusan sebelum mula menggunakan perkakas.

Pemasangan penutup bawah

1



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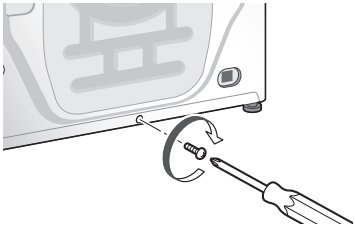
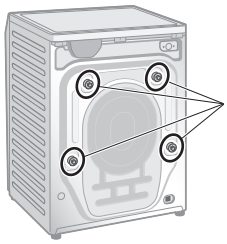
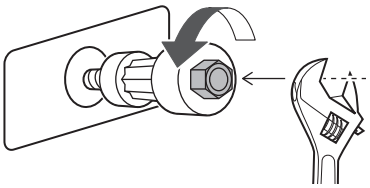


Pemasangan Memindah dan Memasang (sambungan)

Membuka bolt pengikat

1





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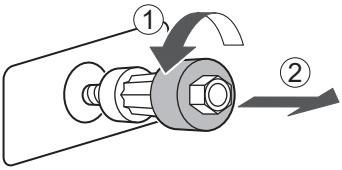

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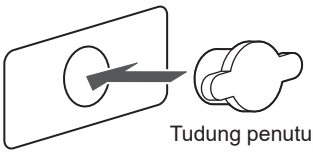
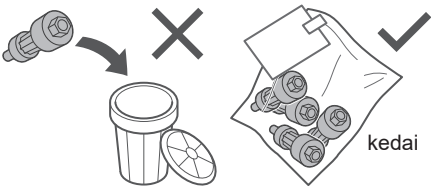
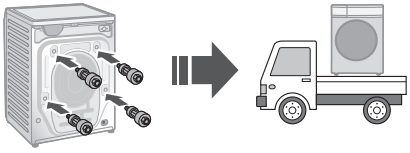


NOTA

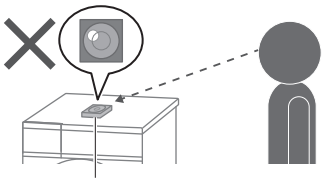


■ **Mengalihkan mesin sekali lagi**

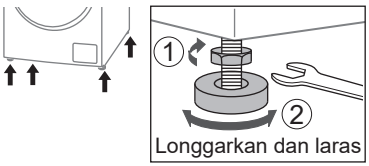


Meratakan mesin

1



2



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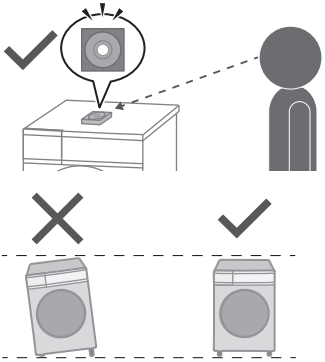
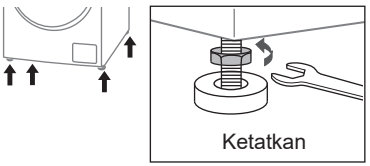
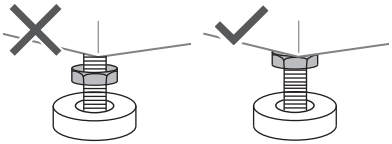


4



NOTA



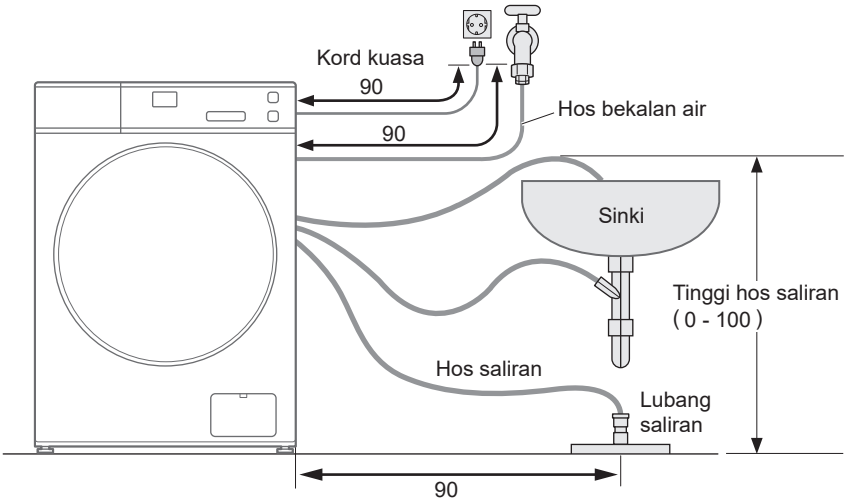
Menyambung Hos

Sambungkan hos dengan betul untuk mencegah kebocoran air.

Jarak sambungan maksimum untuk hos dan kabel kuasa

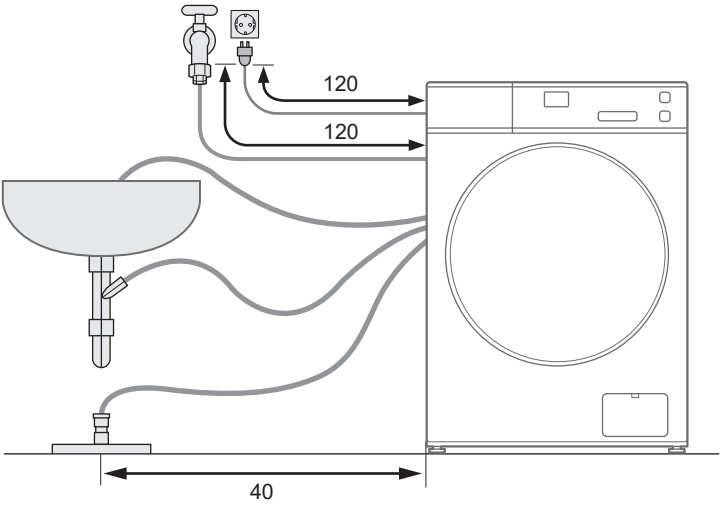
Sambungan sebelah kanan

(cm)



Sambungan sebelah kiri

(cm)



Pemasangan Menyambung Hos (sambungan)

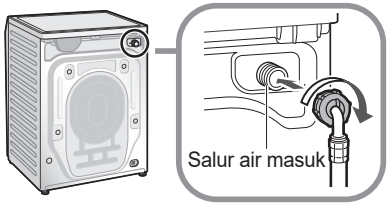
Hos bekalan air

■ Menyambung hos bekalan air

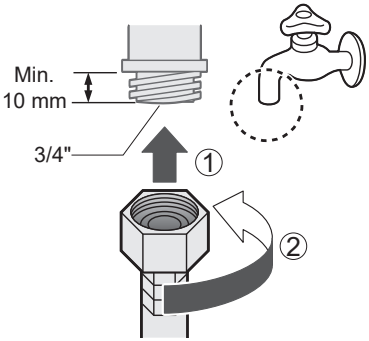
⚠ AWAS

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

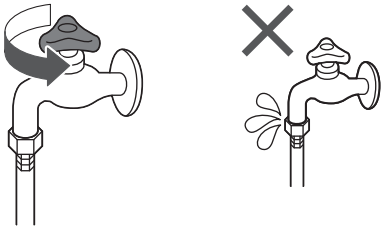
1



2



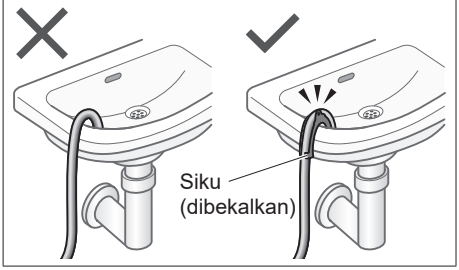
3



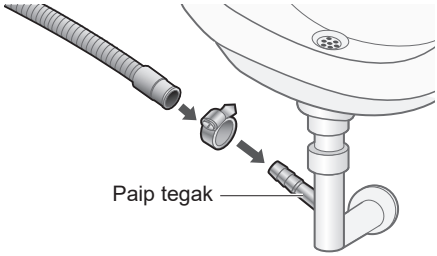
Hos saliran

■ Menyalirkan kepada sinki

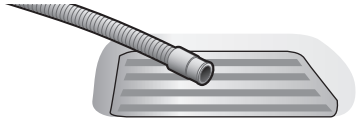
NOTIS



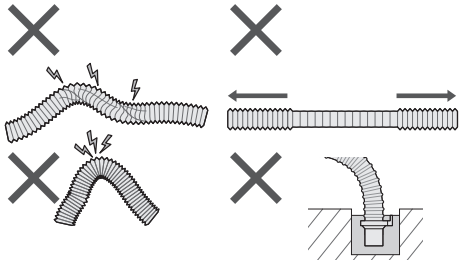
■ Menyalirkan kepada paip tegak



■ Menyalirkan kepada lubang saliran



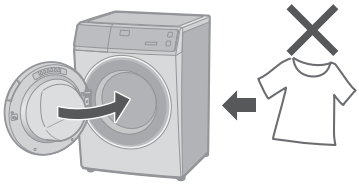
NOTA



Memandu Uji

1

2



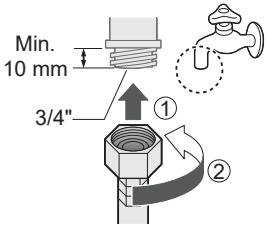
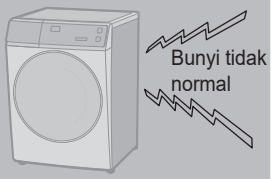
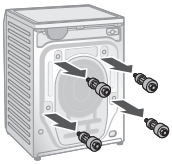
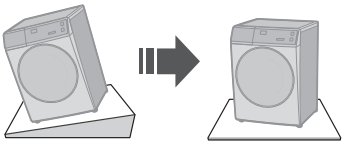
3

4

(i) **Active Speed 38**
(Aktif Kelajuan 38)

5

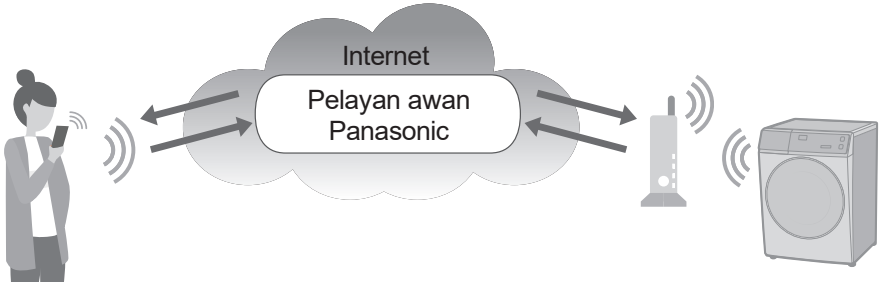
Memeriksa selepas memandu uji

Masalah	Sebab dan Langkah
Kebocoran air	Pasang hos bekalan air dengan betul 
	● Membuka bolt pengikat (Hlm. 48)  ● Pasang bolt pengikat 
Paparan ralat	Lihat Hlm. 44.

Panasonic SmartApp+

Lebih mudah dengan telefon pintar anda

Anda boleh menggunakan perkhidmatan menggunakan “Panasonic SmartApp+”.



Anda boleh mengendalikan mesin basuh atau menetapkan pemasa dengan aplikasi.

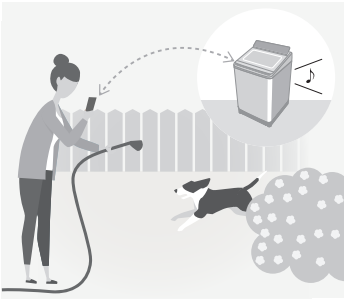
Menyokong pemilihan program daripada sejarah program.

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

- Sehingga 10 program untuk setiap operasi (CUCI, CUCI & KERING, KERING).

Pemberitahuan status mencuci dan tamat pengoperasian.

Pakaian boleh dikeluarkan dengan segera selepas dicuci.



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

Peralatan dan Persekitaran yang Diperlukan

Mari semak peralatan yang diperlukan untuk menggunakan aplikasi ini.

■ Telefon pintar Android atau iOS (iPhone)

- Mengenai OS yang disokong

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

Laman Web Panasonic

■ Persekitaran Internet

Sila sahkan bahawa ia adalah talian jalur lebar.

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

komunikasi Internet caj akan ditanggung oleh pelanggan.

■ Penghala LAN wayarles

Gunakan penghala LAN wayarles untuk menyambung ke Internet.

NOTA

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

Panasonic SmartApp+ (sambungan)

Tetapan Awal

Ikut tetapan pada skrin aplikasi.

1 Pasangkan “Panasonic SmartApp+” (percuma)

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

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

  Laman Web Panasonic

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

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

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

Gunakan aplikasi (Hlm. 55)

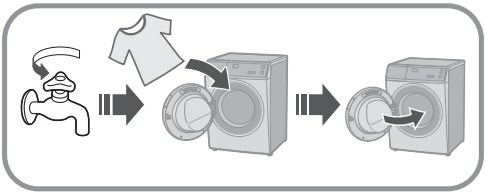
Menggunakan “Panasonic SmartApp+”

Selepas tetapan awal selesai, anda boleh menggunakan aplikasi tersebut.

Bersedia untuk menggunakan “Remote (Kawalan Jauh)”

Selepas tetapan awal selesai, anda boleh menggunakan aplikasi tersebut.

1



NOTA

- Tutup pintu sepenuhnya.

2

Buka

Lampu (Buka)

Menyemak tetapan “Auto Dose (Auto Dos)” (Hlm. 11, 14)

atau

3

Tekan 5 saat.

lebih kurang 2 saat.

Selepas 10 min. ●●●●●▶

Semua petunjuk lain dimatikan, kecuali:

NOTA

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

Untuk menyemak status komunikasi dengan lampu pada panel kawalan.

	Menyala	Boleh Berkomunikasi (Disambungkan)
	Berkelipkelip	Cuba untuk berkomunikasi (Menyambung ke pelayan)
	Mati	Tidak bersambung

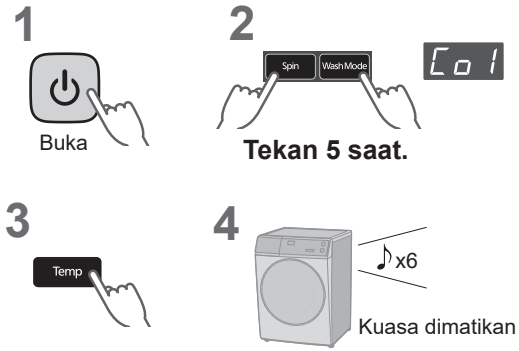
■ Kedudukan lampu

Panasonic SmartApp+ (sambungan)

Memulakan

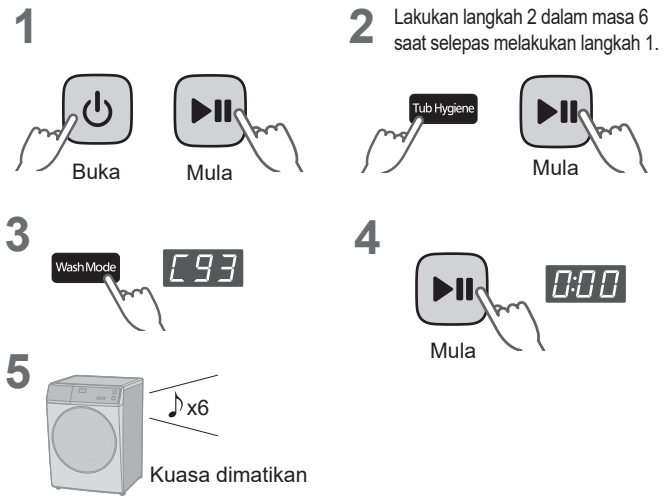
- Bila anda berhenti menggunakan “Panasonic SmartApp+”
- Disyaki digunakan untuk akses yang tidak dibenarkan
- Jika perkakas adalah mesin terpakai

Tetapkan semula tetapan LAN wayarles kepada tetapan lalai.
(Kendalikan pada mesin basuh)
Anda juga harus berhenti menggunakan perkhidmatan aplikasitersebut.

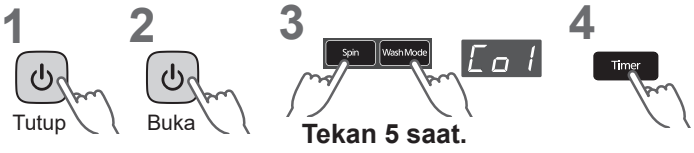


Apabila anda membuang atau memindahkan

Tetapkan semula semua kandungan seperti tetapan LAN wayarles, tetapan mesin basuh, sejarah operasi, dll. kepada keadaan semasa pembelian. Kod QR yang terletak di belakang pintu peranti tidak boleh digunakan untuk pendaftaran seterusnya.
(Memulakan penuh)
(Kendalikan pada mesin basuh)



Paparan Ralat

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

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Penggunaan untuk LAN/Bluetooth® wayarles

■ Sekatan penggunaan

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

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

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

■ Langkah keselamatan

- Memandangkan LAN wayarles menggunakan gelombang radio untuk menghantar dan menerima data, terdapat risiko capaian yang tidak dibenarkan. Ambil langkah keselamatan untuk memastikan keselamatan data anda. (Hlm. 53) Sila ambil perhatian bahawa kami tidak bertanggungjawab untuk sebarang masalah yang berlaku tanpa mengambil langkah keselamatan.
- Untuk kata laluan (kunci penyulitan) penghala LAN wayarles, rujuk masukpanduan manual penghala LAN wayarles dan tetapkannya sebagai pertimbangan keselamatan.

■ Mengenai perisian tegar

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

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Panasonic SmartApp+ (sambungan)

Hak Cipta, dll. (sambungan)

(14) Alexey Zelkin

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Author: S. L. Moshier.

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Spesifikasi

		NA-S157FW1
Voltan terkadar (V)		220 - 240
Frekuensi terkadar (Hz)		50
Input kuasa terkadar tenaga maksimum (W)		1600 - 1900
Input kuasa tenaga pemanasan maksimum (W)	Untuk membasuh	1445 - 1710
	Untuk mengeringkan	905 - 1090
Putaran perah maksimum (r/min)		1400
Ukuran produk (L x D x T) (mm)		596 × 585 × 845
Berat produk (kg)		70
Berat maksimum kain kering (Cucian) (kg)		11.5
Berat maksimum kain kering (Kering) (kg)		7.0
Tekanan air paip (MPa)		0.01 - 1

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A0824-0(M)
Dicetak di Vietnam
08-2024

Panasonic®

Operating & Installation Instructions

Washer Dryer
(Household Use)

Model No. **NA-S157FW1**

It is essential to read these instructions.

EN

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

Contents

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AWW9901CGEC0-0C0

Safety Precautions

⚠ WARNING

May cause serious injury or death

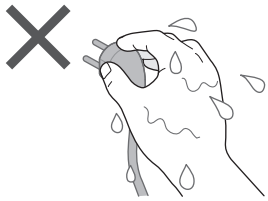
Children must not use it alone.

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

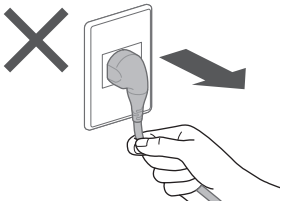
Setting the Child Lock. (P. 30)

May cause fire or electric shock

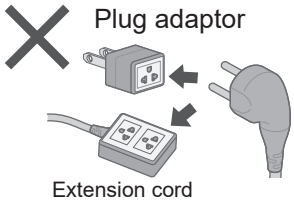
Do not touch it with wet hands.



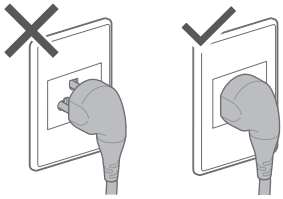
Do not hold or pull on the cord.



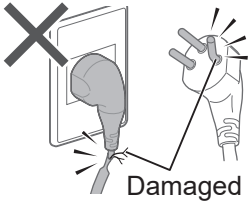
Do not use.



Fully insert it.

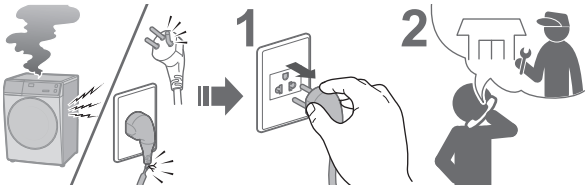


Do not use.

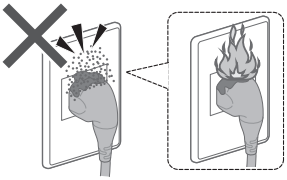


- **If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.**

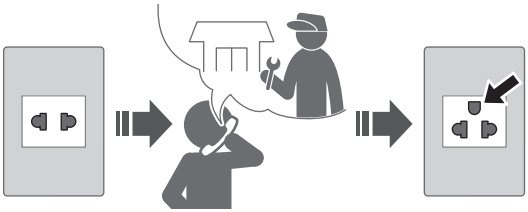
In case of failure or damaged power cord, stop use and ask the electrical technician.



Accumulated dust may cause fire.



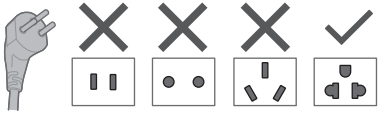
Securely insert the ground prong.
Ask the electrical technician for a new socket.



Wipe the power plug periodically.

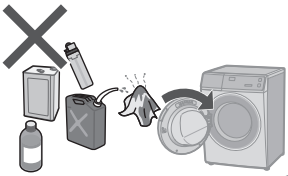
Use a socket appropriate for this appliance.

e.g.)



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

Keep away from flammable materials.



May cause failure

Do not disassemble, repair or modify it by yourself.

When using the “Panasonic SmartApp+” app

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

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

Safety Precautions (continued)

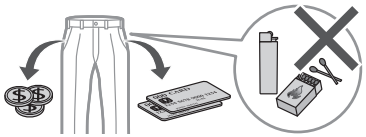
⚠ WARNING

May cause fire (For safety use of the dryer)

Do not dry items soiled with flammable materials.

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

Empty all pockets.



- Make sure that no objects are left in any of the pockets. Pay particular attention to cigarette lighters and matches. They may cause fire.

Do not dry items made of rubber, etc.

- Items such as foam rubber (latex foam), shower caps, waterproof textiles, airtight fabrics, rubber backed articles and clothes or pillows fitted with foam rubber pads should not be dried in the appliance. Such materials may be destroyed and thereby damage the appliance.
- Do not dry unwashed items in the appliance.

The lint must not be allowed to accumulate around the appliance.

Observe the following.

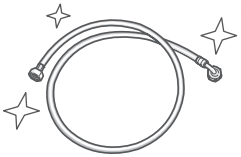
- Never stop the appliance before the end of the drying cycle unless all items are quickly removed and spread out so that the heat is dissipated.
- The appliance is not to be used if industrial chemicals have been used for cleaning.
- The appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by a utility.

⚠ CAUTION

May cause water leakage

Turn off the water faucet.

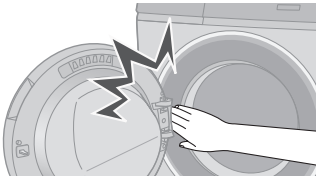
Use new hose-sets.



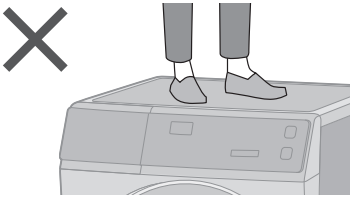
- New hose-sets supplied with the appliance are to be used and old hose-sets should not be reused.

May cause injury

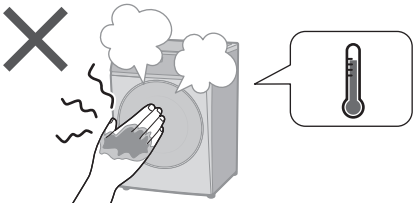
Be careful not to get your fingers caught.



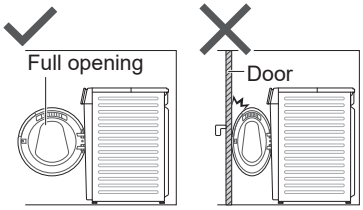
Do not climb on the appliance.



Do not touch when it is hot.



Install the appliance correctly.



- The appliance must not be installed behind a lockable door, a sliding door or a door with a hinge on the opposite side to that of the appliance, in such a way that a full opening of the appliance door is restricted.

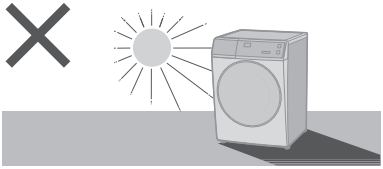
■ For maximum mass of dry cloth and pressure of tap water, see P. 71.

Safety Precautions (continued)

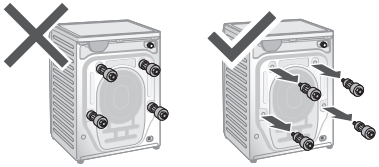
⚠ CAUTION

May cause failure

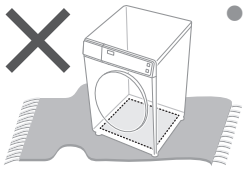
Keep away from heat and direct sunlight.



Remove anchor bolts before operation.

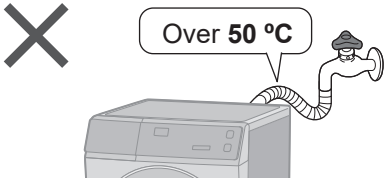


Do not obstruct.

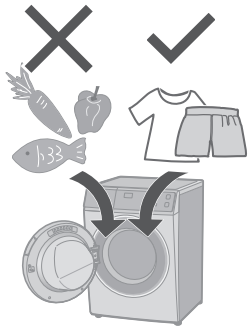


- Do not obstruct the openings of the bottom face with carpet, etc.

Do not use hot water.

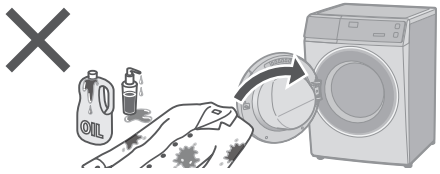


For machine-washable items only.

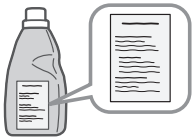


- This appliance is intended to be used in household.
  This appliance is not intended to be used in applications such as:
  - staff kitchen areas in shops, offices and other working environments;
  - farm houses;
  - by clients in hotels, motels and other residential type environments;
  - bed and breakfast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

Do not wash excessively oily clothes.



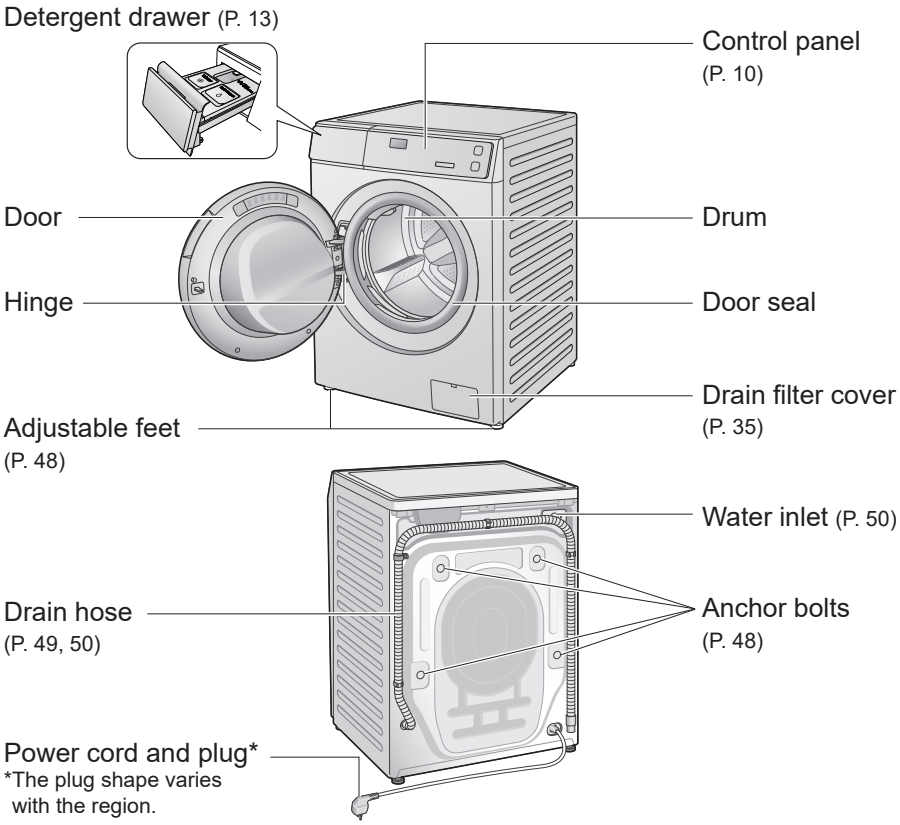
Follow the instructions.



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

Checking Your Appliance

Part names

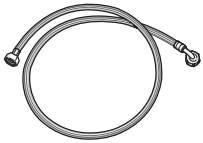


Accessories

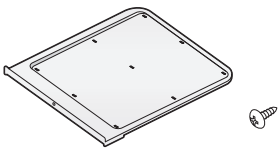
☐Elbow (1) (P. 50)

☐Cover caps (4) (P. 48)

☐Water supply hose (1) (P. 49, 50)



☐Bottom cover (1) / Screw (1) (P. 47)

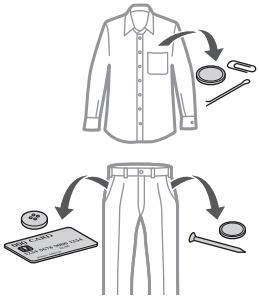


Before Washing/Drying

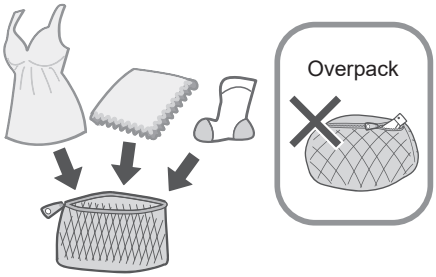
Preparing laundry

Before put clothes in drum

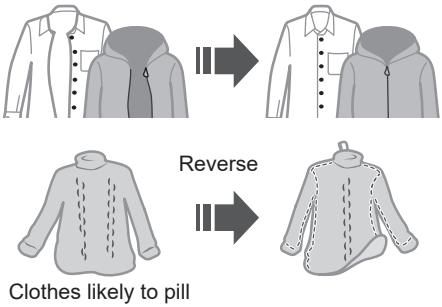
- Remove foreign objects.



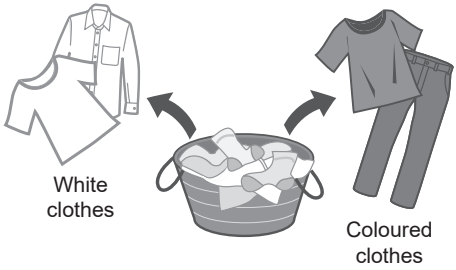
- Use laundry nets for delicates and small items.



Pre-laundry check



- Wash separately.



- Pretreat for heavily stains.

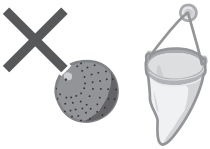
- Observe care labels.

Cannot wash or dry

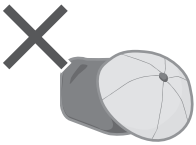
Cannot wash or dry

Leather / fur

Silk, rayon and cupro (Blended fabric)

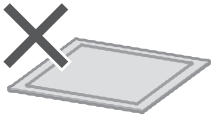


Commercially available washing aids



Cap with hard core materials

Cushion, Pillow, etc.



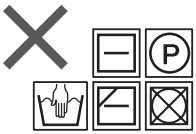
Urethane / rubber backed or thick mats

Paper diapers

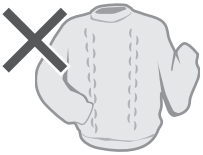
Others ...

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

Cannot dry

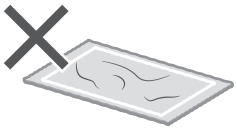


Any of the above marks

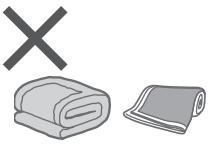


Woollen clothing

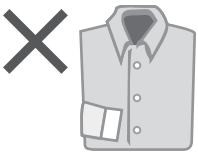
Tights or pantyhose



Mats and other items with hair of pets attached



Quilts



Starched clothing

Clothing with laces or embroidery, new synthetic fibres, etc.

NOTE

- May cause clothing deformation, damage and harm or malfunction to the appliance.

Control Panel

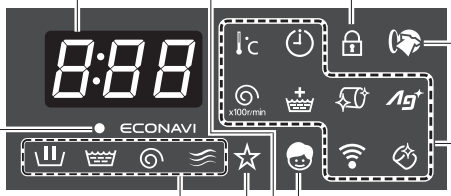
Display

Remaining time

Error display (P. 44, 45, 57) (e.g. U11)

Lock

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



Add Wash lamp: You can add clothes while lit. (P. 16)

Optional function lamp

- (P. 27)
- (P. 27)
- (P. 55)
- Water temperature
- (P. 34)
- (P. 29)
- (P. 28)
- Spin speed

ECONAVI lamp (P. 19)

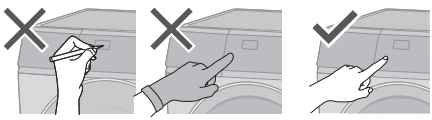
"My Favorite" program lamp (P. 52)

Process

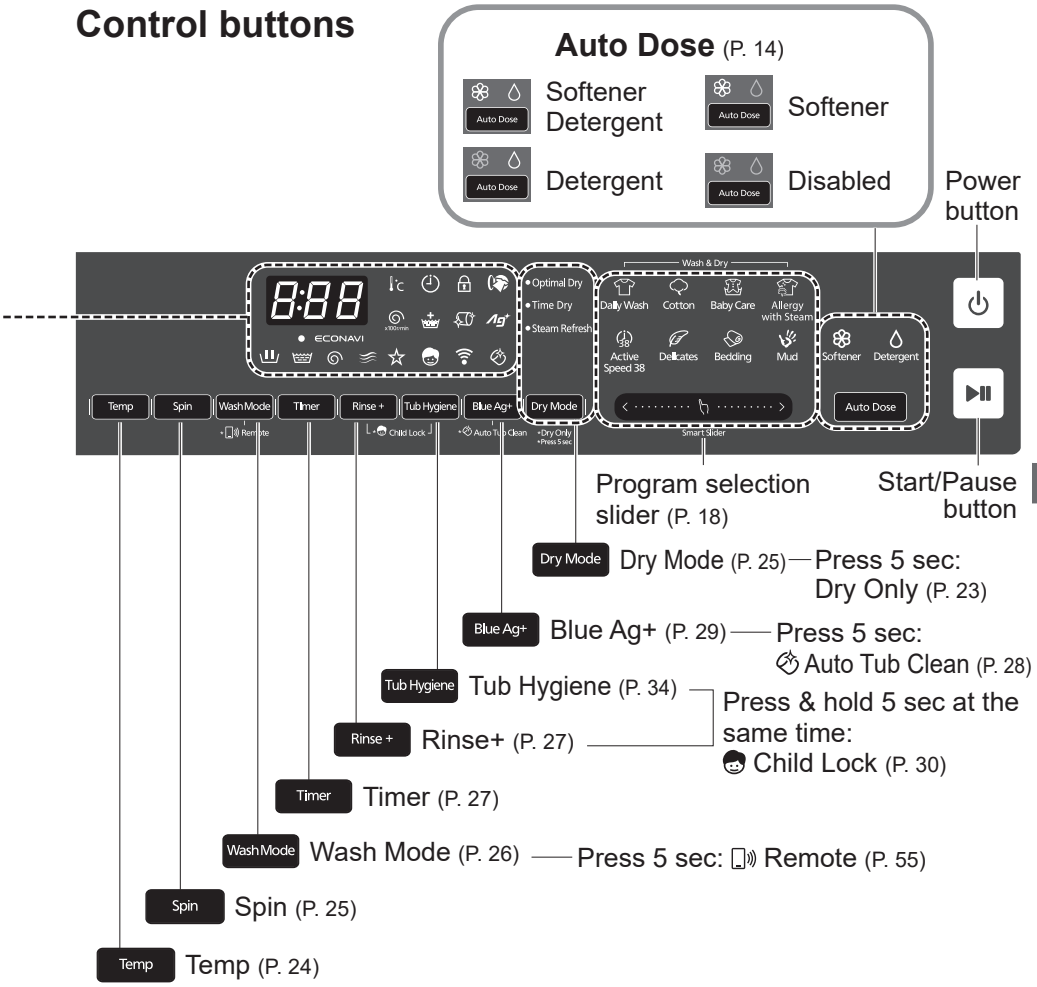
- Wash
- Rinse
- Spin
- Dry

Touch operation

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

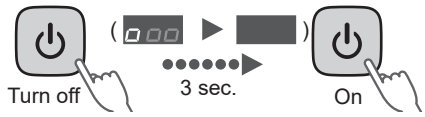


Control buttons



NOTE

- Turn off ➠ back on



- No operation ➠ auto power off

- In case of a power failure
  ➠ When the power recovers, operation resumes from where it stopped. (Auto Restart)

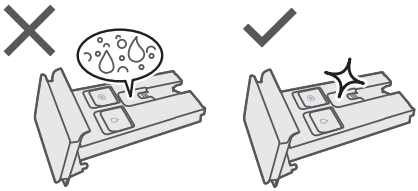
Detergent

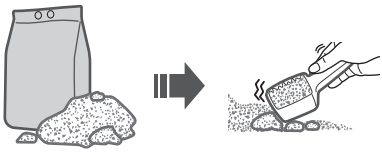
- Follow the instructions on each package.

Detergent

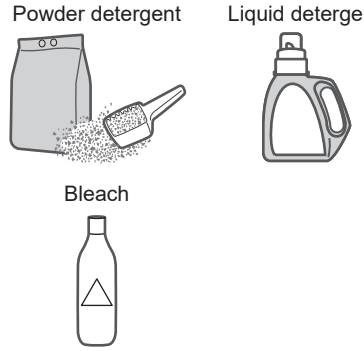
Use a low foam detergent.

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



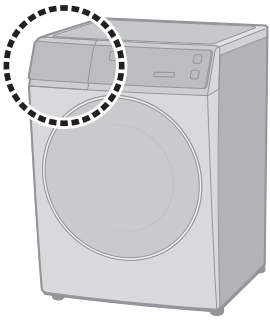


Manual Detergent tank



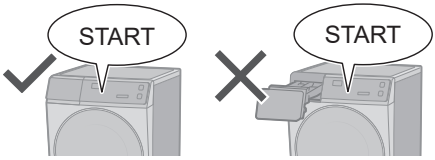
Bleach

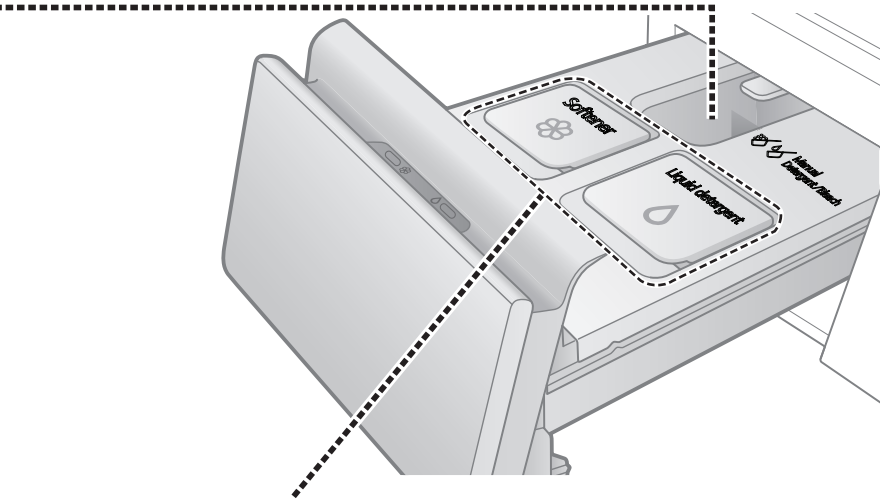
Whiten bleach
(chlorine bleach)



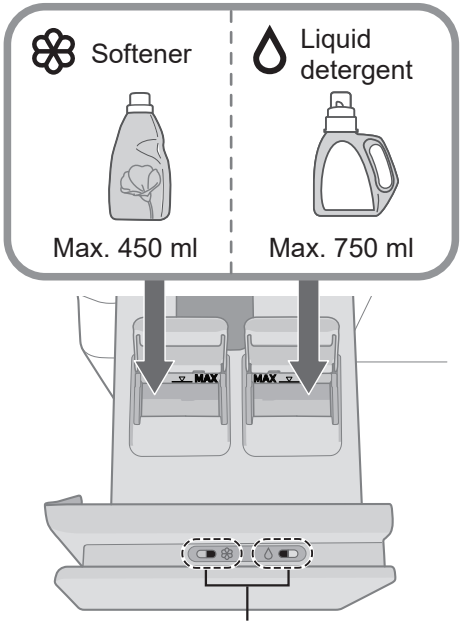
NOTE

- Close detergent drawer completely before use to prevent water leakage.





Auto Dose tank



When adding detergent/softener, the window turns from black to pink (softener) and blue (detergent). Add detergent/softener when the window appears black.

NOTE

- Liquid detergent/softener left for a long time may clump or solidify. In that case, clean detergent drawer. (P. 32)

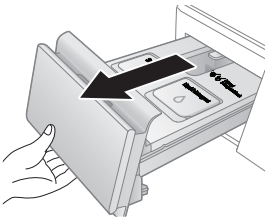
Do not use separated or solidified detergent/softener

Auto Dose

Detergent and softener will be automatically added depending on the amount of laundry and dose amount setting, available with all programs except “Tub Hygiene” and “Dry Only”.

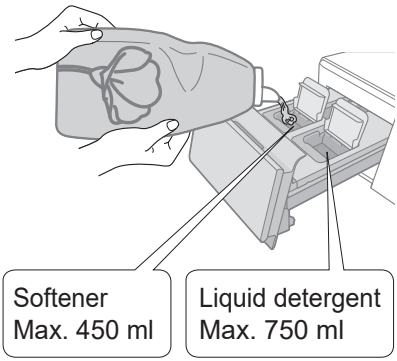
■ To supply detergent / softener

1



- Pull the drawer out.

2

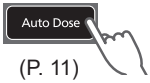


3 Close tank lid and push the drawer in completely

■ To set “Auto Dose” function

1

2



(P. 11)

(Default setting)

3

(The setting is memorized.)

■ Standard amount

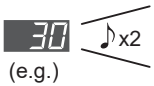
- Dry cloth: 4 kg
- Liquid detergent: 30 ml
- Softener: 30 ml

■ To change the dose amount

1

2

Hold 3 sec



(e.g.)

3

- To increase or decrease

- Range value
  - Detergent: 6 ml - 60 ml
  - Softener: 6 ml - 81 ml

  Step change: 3 ml

(The setting is memorized.)

4

NOTE

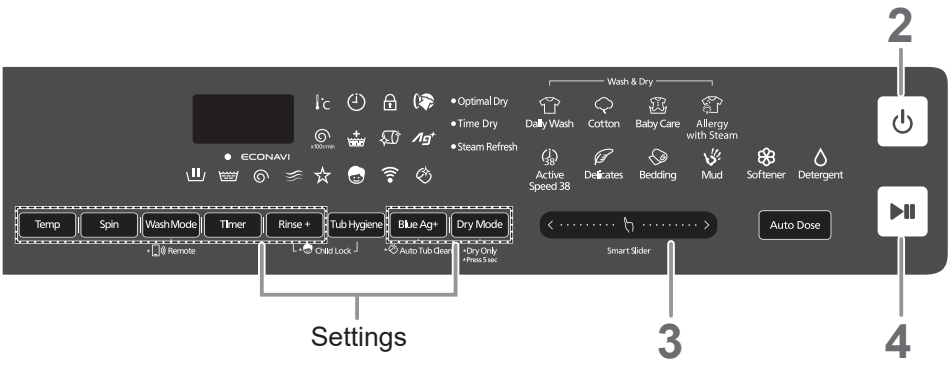
- If there is water in the tub before, detergent and softener will not be automatically supplied when washing.
- When the ambient temperature is low, operation time may be longer because the detergent/softener may solidify.

■ Q&A

	Questions	Answers
Detergent/Softener	**What cannot be used with “Auto Dose” function?**	The following cannot be used: ● Powder detergent ● Liquid soap ● Items that do not have a “Estimated amount to use” label on the package ● Bleach ● Powder soap Baking soda cannot be used for manual or auto dosing.
	Changing brand?	Follow the steps below: ① Empty the Auto Dose tank and clean it. (P. 32) (Mixing different brands can cause clogging) ② Add new detergent/softener. (P. 14)
	Can I add more before it runs out?	The same brand can be added as it is.
	What is the standard amount for detergent/ softener?	● The standard amount is the amount of detergent/softener used per 4 kg of dry cloth. Check information on the package. ● If there is no information on the package or if you are unsure, contact the manufacturer.
How to use “Auto Dose” function	**How many times can the laundry be washed with Auto Dose tank full?**	● Detergent: about 22 times The number of times varies depending on the amount of laundry and dose amount setting.
	If the dose amount is not set?	● The standard amount is • 30 ml detergent per 4 kg of dry cloth • 30 ml softener per 4 kg of dry cloth ● If the settings are not appropriate for detergent/softener you are using, stains may not come off or the laundry may darken.
	What happens if put detergent in manual detergent tank while setting “Auto Dose” function?	Because it is put in twice, it will be too much.

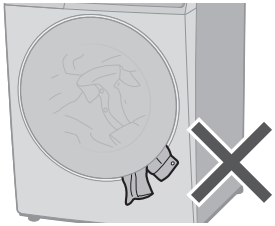
Washing & Drying

Basic Method



NOTE

■ **Do not let laundry get caught in the door.**

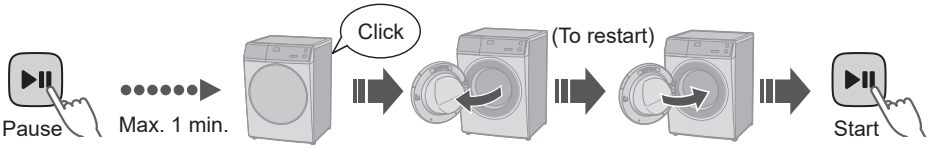


■ **Do not overfill the drum with laundry.**

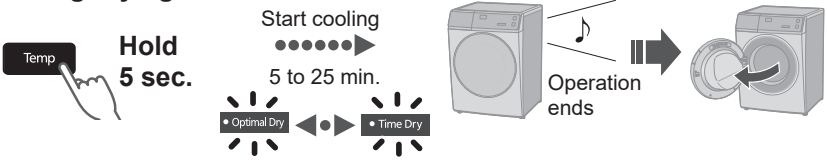
■ **To open the door during operation**

● **During washing**

(You can add clothes when lit.)



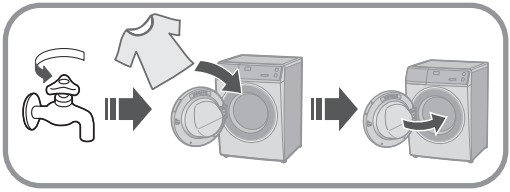
● **During drying**



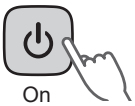
NOTE

● Door does not open ➠ (P. 38)

1

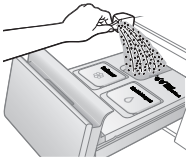


2



Checking "Auto Dose" setting (P. 11, 14)

or



3

Select a program. (P. 18)

■ **Changing the settings.**

Settings

Temp Temp (P. 24)	Spin Spin (P. 25)	Wash Mode Wash Mode (P. 26)	Timer Timer (P. 27)
Rinse + Rinse+ (P. 27)	Tub Hygiene Tub Hygiene (P. 34)	Blue Ag+ Blue Ag+; Auto Tub Clean (P. 28, 29)	Dry Mode Dry Mode (P. 25)

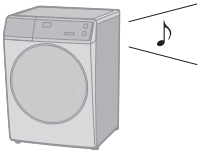
4

Measures the amount of laundry

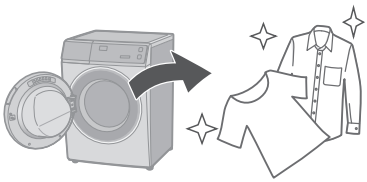
(30 sec.)

Displays the time required (recalculated)

(e.g.)



5



Program List

WASH & DRY / WASH

Program	Description	Max load (kg)		Total time	
		Wash	Dry	WASH	WASH & DRY
Daily Wash	● Everyday clothes	11.5	7.0	1:30	3:55 - 7:35
Cotton	● Everyday clothes with extra time (more energy and water savings than “Daily Wash” program)	11.5	7.0	3:00	5:25 - 7:00
Baby Care	● Clothes for babies & sensitive skin Rinsing thoroughly	5.0		2:20	4:50 - 6:15
Allergy with Steam	● For mites	5.0	5.0	2:05	4:30 - 6:00
Tub Hygiene	● Cleaning the drum.	None		3:45	4:30

DRY

Program	Description	Max load (kg)	Total time
Dry Only **Hold 5 sec.**	● Used to dry clothes.	7.0	1:39 - 6:10

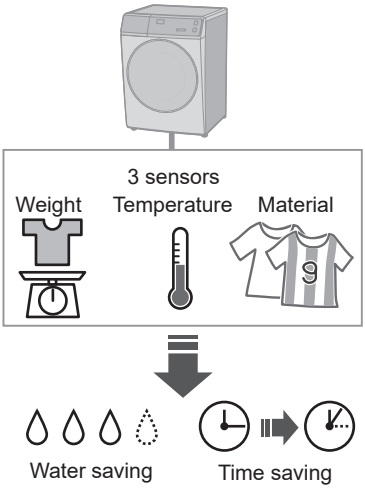
● **Total time is approximate** (When the standard water supply rate is 15 L / min).
For each program's default water temperature.

WASH

Program	Description	Max load (kg)	Total time
Active Speed 38	● Small loads	5.0	0:38
Bedding	● Large items	3.0	1:30
Delicates	● Washing gently	2.0	0:50
Mud	● Mud stains	11.5	3:35

ECONAVI

● “Daily Wash” program



■ **Lamp indications**

Detecting

ECONAVI enabled

ECONAVI disabled

Details of Programs

Program \ Settings		Auto setting			
		Temp (°C)	Spin (r/min)	Dry	Temp (°C)
WASH & DRY	Daily Wash	40	1200	Optimal	Cold, 30, 40, 60
	Cotton	60	1400	Optimal	Cold, 30, 40, 60
	Baby Care	40	1400	Optimal	Cold, 30, 40, 60
	Allergy with Steam	60	1400	Optimal	60
	Tub Hygiene	40	1200	Optimal	40
WASH	Daily Wash	40	1200	–	Cold, 30, 40, 60
	Cotton	60	1400	–	Cold, 30, 40, 60
	Baby Care	40	1400	–	Cold, 30, 40, 60
	Allergy with Steam	60	1400	–	60
	Tub Hygiene	40	1200	–	40
	Active Speed 38	40	1200	–	Cold, 30, 40
	Bedding	Cold	700	–	Cold, 30
	Delicates	30	500	–	Cold, 30, 40
	Mud	40	1200	–	40
DRY	Dry Only	–	✓ *1	Optimal	–

NOTE

- For normally soiled laundry at the rated capacity, we recommend using the “Cotton, 60 °C, 1400 r/min” which is tested in accordance with IEC 60456 for the energy and water efficiency aspects.
- Actual water temperature may differ from the declared cycle temperature.
- These results depend on water pressure, water hardness, water inlet temperature, room temperature, type and amount of load, degree of soiling, utilized detergent, fluctuations in the main electricity supply and chosen additional options.

Setting range			Optional functions					
	Spin (r/min)	Dry Mode	Wash Mode	Dry Mode	Timer	Rinse+	Blue Ag+	Auto Tub Clean
	1200, 1400	Optimal, Time	✓	✓	✓	✓	✓	✓
	1200, 1400	Optimal, Time	✓	✓	✓	✓	✓	✓
	1200, 1400	Optimal, Time	✓	✓	✓	✓	✓	✓
	1200, 1400	Optimal, Time	–	✓	✓	–	–	✓
	1200	Optimal	–	✓	–	–	–	–
	Ø, 500, 700, 1200, 1400	–	✓	–	✓	✓	✓	✓
	Ø, 500, 700, 1200, 1400	–	✓	–	✓	✓	✓	✓
	Ø, 500, 700, 1200, 1400	–	✓	–	✓	✓	✓	✓
	Ø, 500, 700, 1200, 1400	–	–	–	✓	–	–	✓
	1200	–	–	–	–	–	–	–
	Ø, 500, 700, 1200, 1400	–	✓	–	✓	–	✓	✓
	Ø, 500, 700	–	✓	–	✓	✓	✓	–
	Ø, 500	–	✓	–	–	✓	✓	–
	Ø, 500, 700, 1200, 1400	–	✓	–	✓	✓	✓	✓
	–	Optimal, Time, Steam Refresh	–	✓	–	–	–	–

Ø : Drain only (No spin)

- Setting time for Time Dry: 30, 60, 90, 150, 210, 320 min.

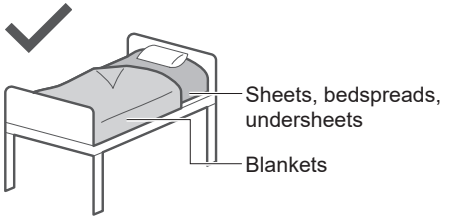
*1 In case of “Optimal Dry” mode,
If the weight of clothes is heavy, spin is performed: 1200
If the weight of clothes is light, spin is not performed: Ø

Washing & Drying Tips

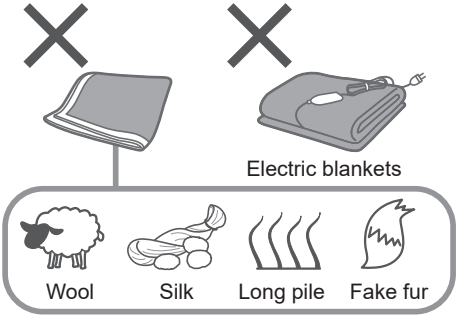
Bedding

■ Washable items

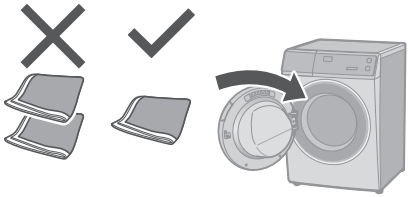
- 30 40 (Wash) ● (Handwash)
- 100 % cotton or 100 % synthetic



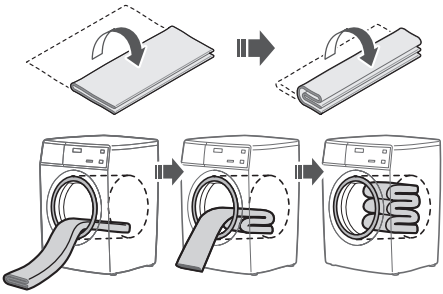
■ Not washable items



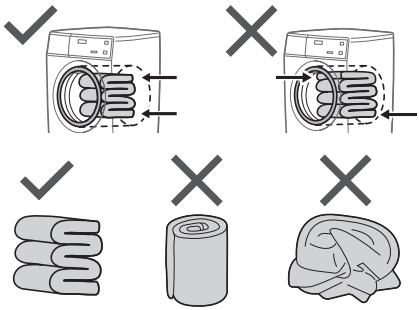
NOTE



■ Putting blankets into the drum



NOTE

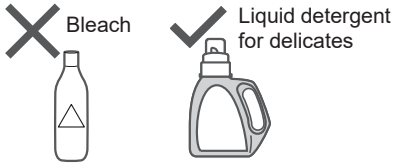


Delicates

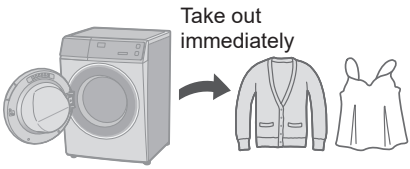
■ When washing

- To rinse fully, use the “Rinse+” function. (P. 27)

NOTE



■ After operation ends



Dry Only

You can change dry modes depending on clothes.

1

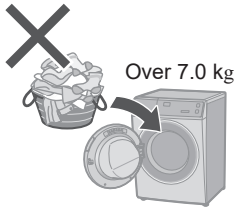
2

Hold 5 sec. (for Dry Only)

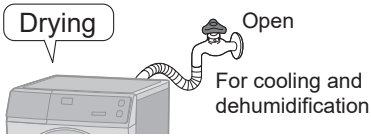
3 **Select Dry Mode.**

4

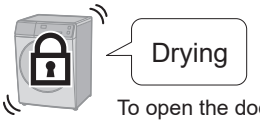
NOTE



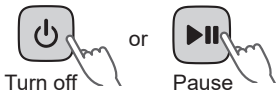
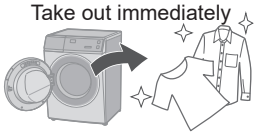
- Open the tap even in drying.



- The door is locked during drying.



To open the door (P. 16)

Dry Mode	Description
Optimal Dry	For heat-sensitive clothes (Max. 7.0 kg).
Steam Refresh	Use steam to reduce wrinkles and odors on dry cloths such as linen or blouses cotton shirt or artificial fabric. (Max. 2.0 kg dry cloths). *Time: 37 min. *After drying, the drum will rotate every 5 minutes for 40 seconds to prevent wrinkles caused by leaving the clothes unattended. • To open the door: 
Time Dry 	• For clothes easy to be wrinkled. Thinner plain woven and crepe texture etc. • For small amount laundry (Max. 0.5 kg). *Time: 30 min. *After drying: Take out immediately  • For half-dry clothes. *Time: 30 min. and more

Changing Program Settings

■ **Preparing**

- Sort the laundry and put it into the drum. (P. 8)
- Checking “Auto Dose” setting or add detergent manually (P. 11, 12, 14)

1

2 Select a program. (P. 18)

3 **Change the program's settings.**

Spin: Spin

Temp: Temp

Dry Mode: Dry Mode

- Available options and setting ranges are different depending on the program. (P. 20)
- An alarm sounds if you select an option that is unavailable.

4

Temp

Change the washing temperature.

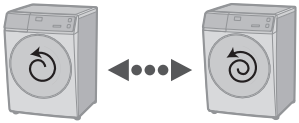
■ **Setting guide**

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

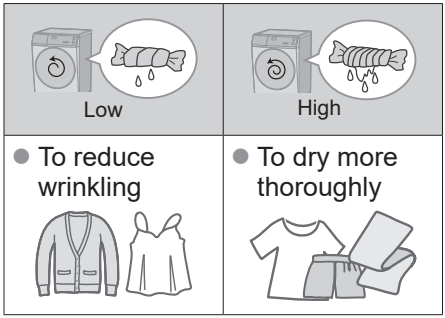
3 Temp (P. 20)

r/min Spin

Change the spin speed.



■ **Setting guide**



3 Spin (P. 21)

■ **To change the setting while washing**

1 Pause

2 Spin

3 Start

WASH & DRY Dry Mode

Select a combination of processes.

3 Dry Mode (P. 23)

Changing Program Settings (continued)

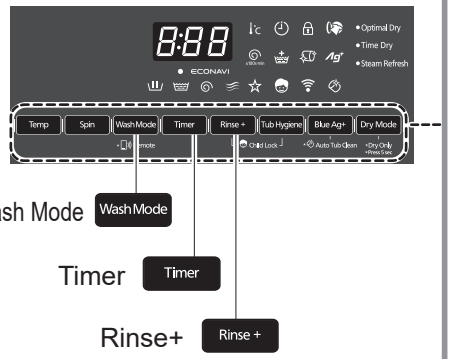
■ **Preparing**

- Sort the laundry and put it into the drum. (P. 8)
- Checking “Auto Dose” setting or add detergent manually (P. 11, 12, 14)

1

2 Select a program. (P. 18)

3 **Change the program's settings.**



- Available options and setting ranges are different depending on the program. (P. 20)
- An alarm sounds if you select an option that is unavailable.

4

Wash Mode

Select a combination of wash, rinse and spin.

(e.g.)

3

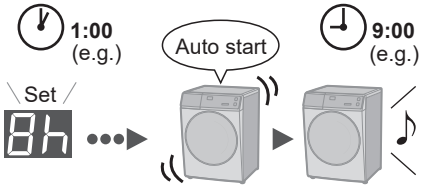
*1	Wash
*2	Rinse
*2	Spin
	Wash and rinse
	Wash and spin
*2	Rinse and spin

*1 Water is drained after wash process.

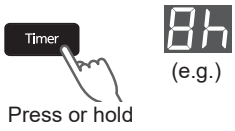
*2 Drains first if there is water in the drum.

Timer

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



3

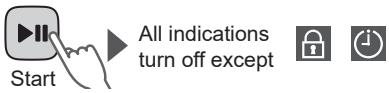


■ To check a preset time

■ To cancel settings

(All settings are cancelled)

NOTE

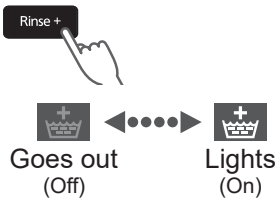


● Not available: P. 21

Rinse+

Add an extra rinse.

3



■ To change the setting while washing

1

2

3

Changing Program Settings (continued)

■ **Preparing**

- Sort the laundry and put it into the drum. (P. 8)
- Checking “Auto Dose” setting or add detergent manually (P. 11, 12, 14)

1

On

2 Select a program. (P. 18)

3 **Change the program's settings.**

Blue Ag+
Auto Tub Clean

Blue Ag+

- Available options and setting ranges are different depending on the program. (P. 20)
- An alarm sounds if you select an option that is unavailable.

4

Start

Auto Tub Clean

Add tub cleaning process.

3 Blue Ag+ **Hold 5 sec.**

Goes out (Off) ◀••••▶ Lights (On)

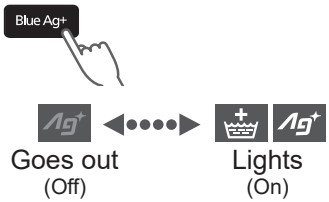
NOTE

- The setting is memorized.

Ag+ Blue Ag+

Bacteria elimination function (Max. 3.0 kg).

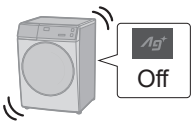
3



■ Service life for Ag+ case

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

- Replace
- Wash without "Ag+"

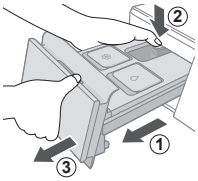


NOTE

- Do not use the water for other purposes.

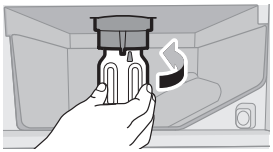
■ Change Ag+ case

1 Take out the detergent drawer.

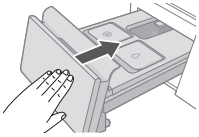


2 Remove Ag+ case

3 Exchange and attach Ag+ case



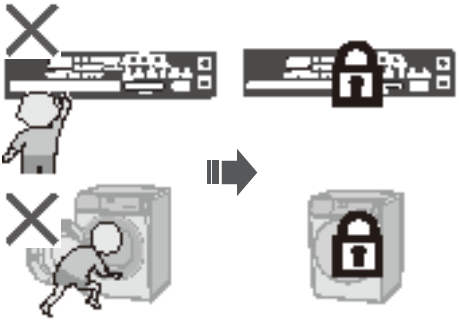
4 Attach detergent drawer completely



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

Changing Appliance Settings

Setting the Child Lock

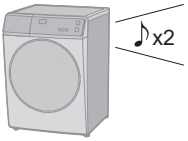


1

On

2

Hold 5 sec.



Lights
(On)

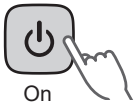
■ **To cancel:**

Same procedure

Goes out
(Off)

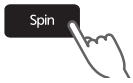
Cancelling the buzzer

1

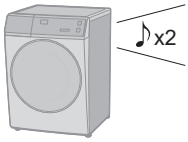


On

2



Hold 5 sec.



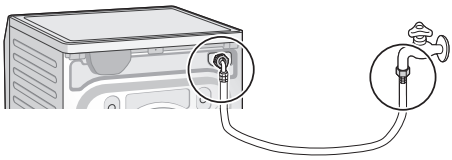
■ **To reset:**

Same procedure

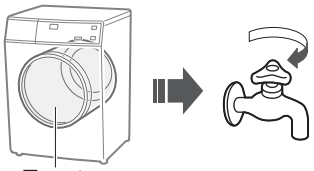
Maintenance

Water supply filter

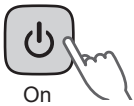
If water does not flow smoothly



1



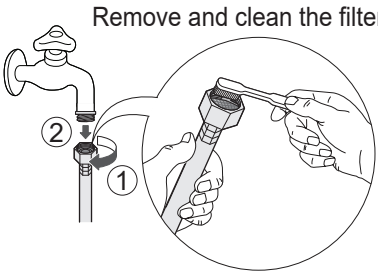
2



3

4

5



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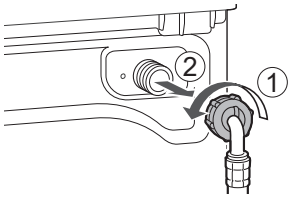

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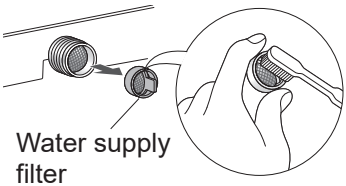
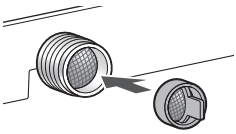
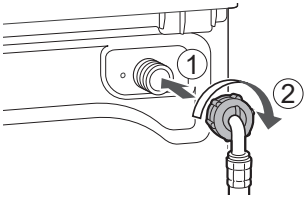


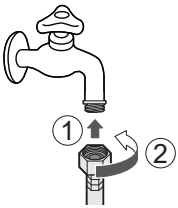
8



9



10

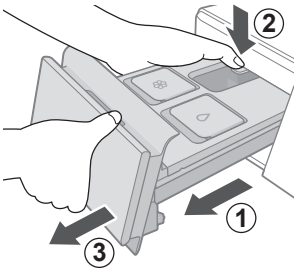


Maintenance (continued)

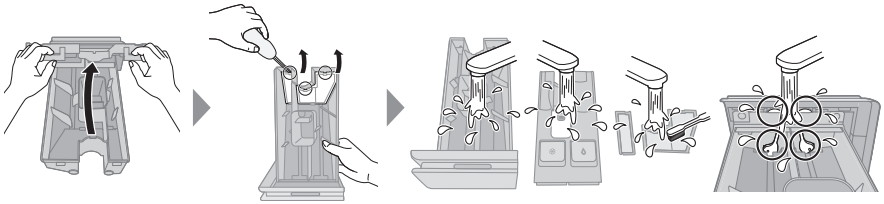
Detergent drawer

Once every 3 months	When changing detergent or softener brand	When not used for more than 1 month	When the window does not change color during use

1 Take out the drawer.



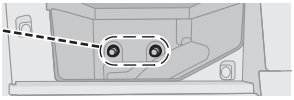
2 Open the drawer lid, remove 2 filters, then wash with water.



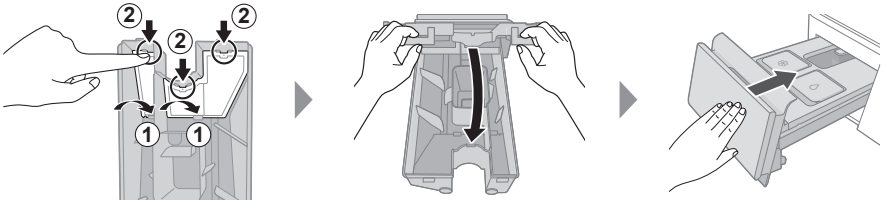
Open the drawer lid | Remove filters | Wash with water | Clean the circled positions to clean the window

NOTE

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

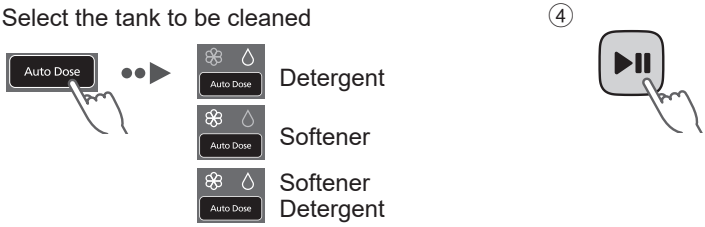


3 Attach filters, close the lid and attach the drawer.

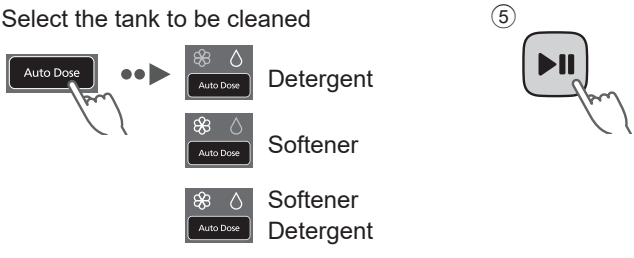


4

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

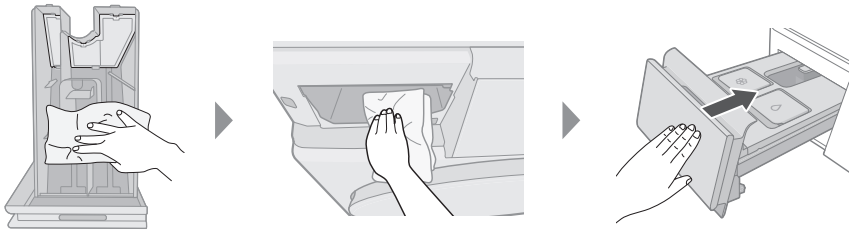


- If the joint is clogged, run “Auto Dose Tank Clean” function to deep clean (47-minute maintenance).

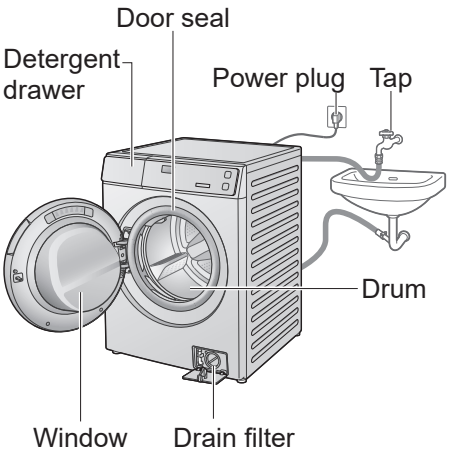


5

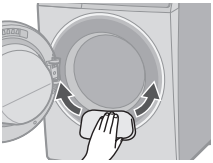
Take out the drawer, discard the remaining water and wipe off the water, then attach the drawer.



Maintenance (continued)



Appliance



For heavy soil

Mild kitchen detergent

NOTE

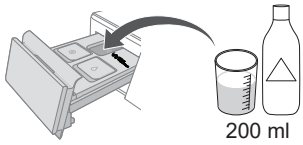
- Do not use gritty cleaners or thinners, or products containing alcohol or paraffin oil.

Drum

Once a month or if flashes <Tub Hygiene>

1

2 Whitening bleach (chlorine bleach)



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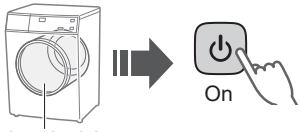


No clothing

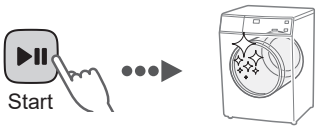
4

- for Wash

- for Wash & Dry

1 2

5



NOTE

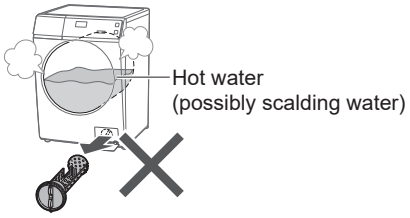
- If the “Tub Hygiene” program is not run, the indicator goes off when other program is run 3 times.

Drain filter

Once a month

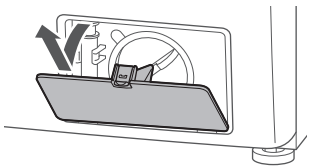
Be sure to drain water in the drum before this procedure.

⚠ CAUTION



1

2



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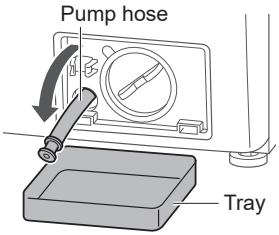

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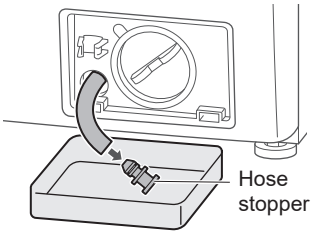

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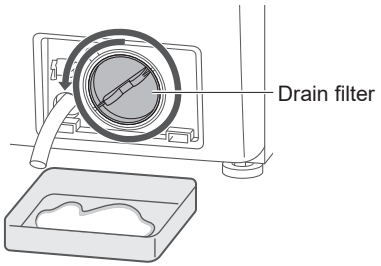
6



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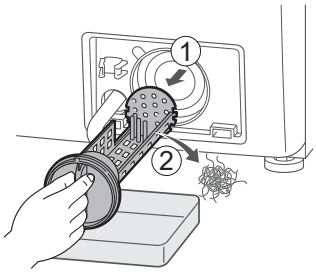
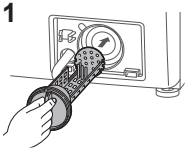
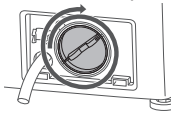


8 **Replace**

1



2 Until it is in place



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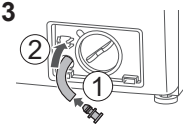
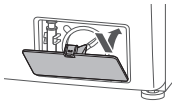
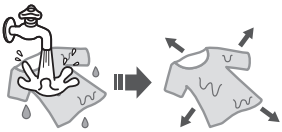
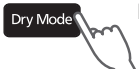
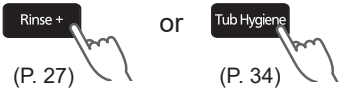


4

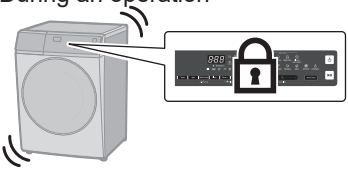
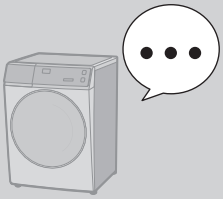
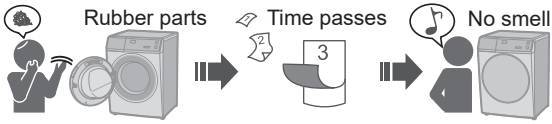


For Better Results

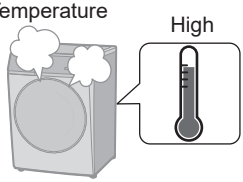
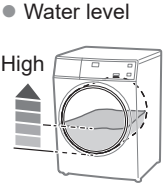
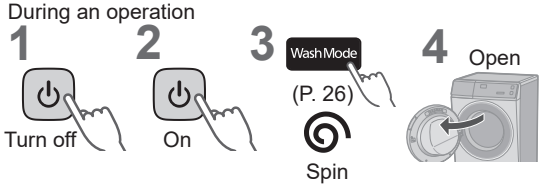
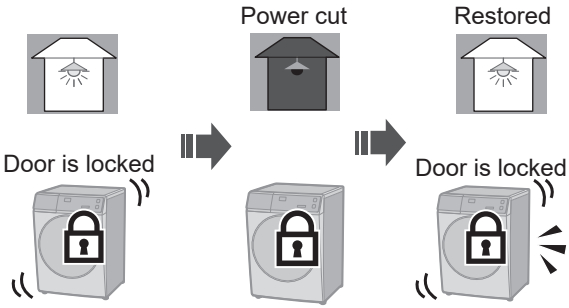
Symptoms	Tips for nice finish
Shrunken clothes 	If cotton products have shrunk by drying ● Moisten and stretch. 
Hand feeling changes by wrinkles 	● Reduce clothing amount. ● Select dry mode. (P. 23)  Depending on clothes ● After drying Take out immediately
• **Drying is insufficient** • **Drying is uneven** 	● Reduce clothing amount. ● Turn on.
Feel rough 	● When towels feel rough after washing
Lint is attached 	● “Rinse+” or “Tub Hygiene” 

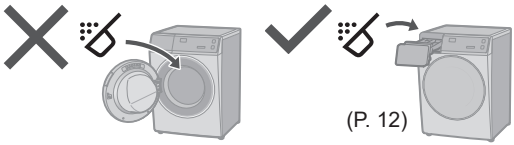
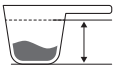
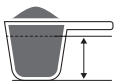
Troubleshooting

Main unit

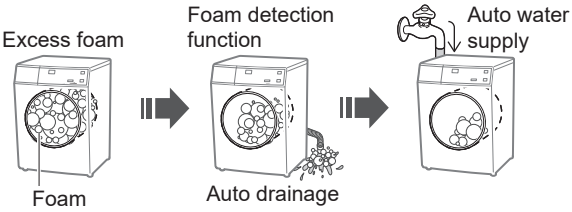
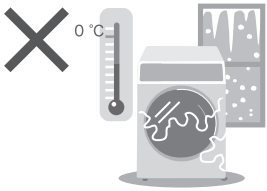
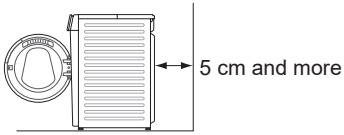
Symptoms	Points to be checked
Touch the buttons No reaction	☐Possible cause ● During an operation  ☐Try ● Child Lock (P. 30) (Off)
No operation 	☐Check ● Power cut ● Timer ☐Try ● Close the door. ● Turn on. ● Unplug and insert again. (30 sec.) ● Press “Start”. ● Turn the breaker on.
Odour of rubber	☐Possible cause  Rubber parts Time passes No smell ☐Try Tub Hygiene (P. 34)

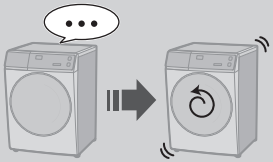
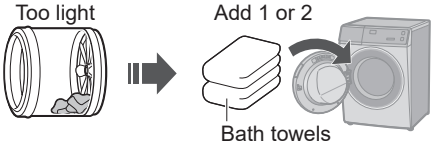
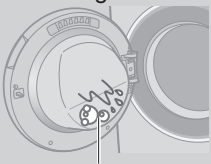
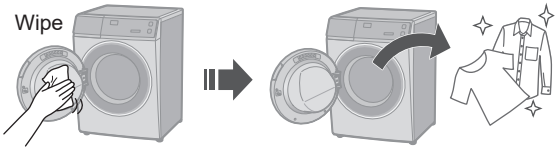
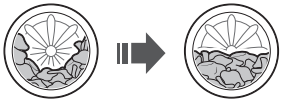
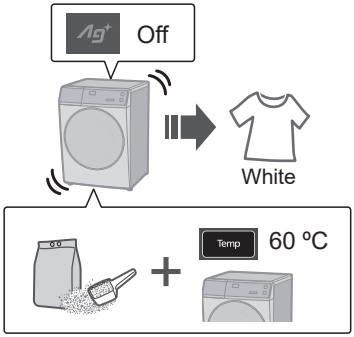
Troubleshooting (continued)

	Symptoms	Points to be checked
Main unit	**Door does not open**	☐Possible cause ● During an operation (washing or drying) Door is locked. To open the door during operation (P. 16) ☐Check ● Temperature  ● Water level  ☐Try ● Child Lock (P. 30) ● During an operation  NOTE 

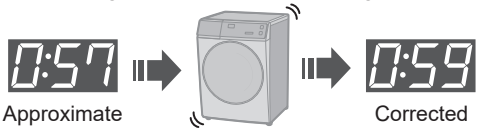
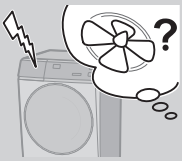
	Symptoms	Points to be checked
Detergent and foam	**After washing** 	☐Check (P. 12)
	 Foam	☐Possible cause ● The amount of foam varies. ● Temperature ● Water level ● Water softness
	Not enough 	☐Check ● Powder detergent  (P. 12) ● Too little detergent or setting too little detergent in “Auto Dose” function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

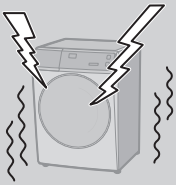
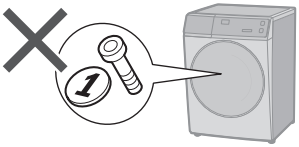
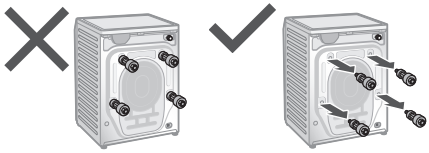
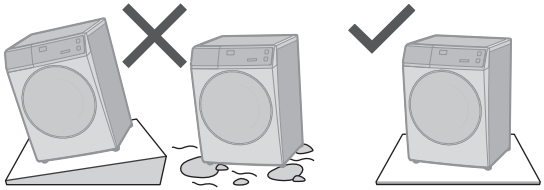
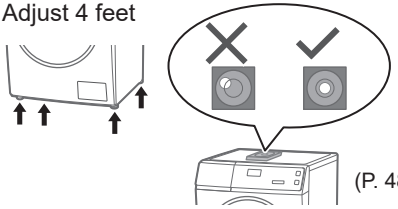
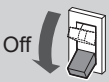
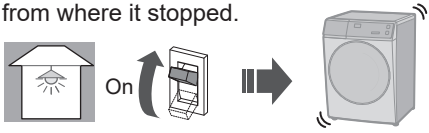
Troubleshooting (continued)

	Symptoms	Points to be checked
Wash	During a wash **Water drainage**	☐Possible cause 
Dry	**Drying takes too long** 	☐Check ● Too heavy ● Too cold  ☐Try ● Check the location 

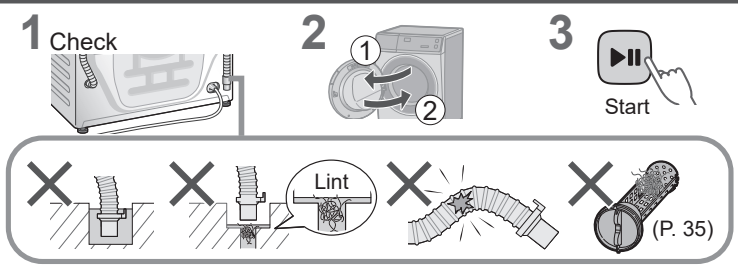
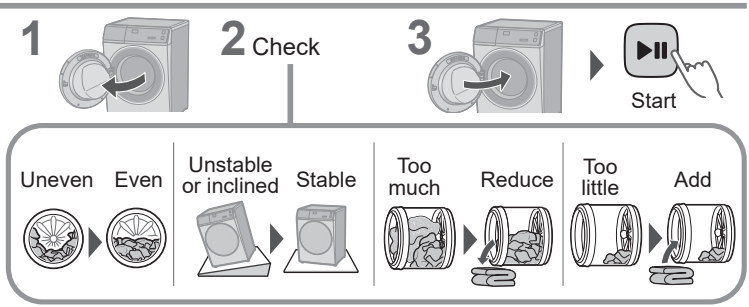
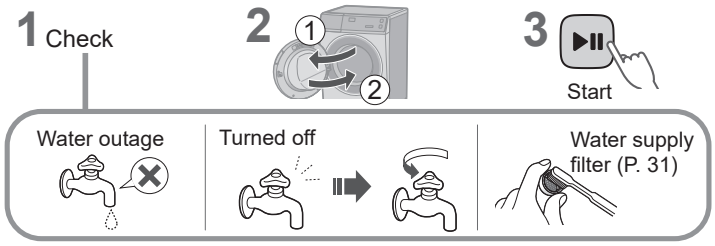
	Symptoms	Points to be checked
Rinse/Spin	During the spin process  	☐Possible cause ☐Try 
	After washing  	☐Try 
	Spin changes to rinse 	☐Possible cause ● If clothes are uneven, this appliances automatically corrects unevenness using the rinse process. 
Laundry	**If the laundry yellows** 	☐Try 

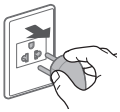
Troubleshooting (continued)

	Symptoms	Points to be checked
Time	**During a wash** Displayed time 0:57 ···▸ 0:59 Changes	☐Possible cause ● Remaining time is corrected during operation.  ● If the settings changed ● If clothes are uneven ➡ The remaining time may increase.
	Remaining time Does not decrease 0:57 ···▸ 0:57 **or** Suddenly decrease 0:57 ···▸ 0:40	☐Possible cause The displayed time is a guideline.
Noise	**During water drainage** 	☐Possible cause ● This is normal. The drain pump is working.
	Sound of fan rotating 	☐Possible cause ● This is normal. The fan cools electric parts.
	Motor emits a sound 	☐Possible cause ● This is normal. The motor will make a short sound when the drum engages.

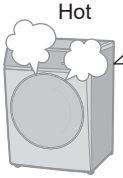
	Symptoms	Points to be checked
Noise	**Unusual noise (or vibration)** 	☐Check ● Metal items  ● Anchor bolts (P. 48)  ● Slope or an unstable surface  ● Adjust 4 feet  (P. 48)
Others	Power cut Breaker 	☐Check ● When the power recovers, operation resumes from where it stopped. 

Error Display

Error Display	Points to be checked
U11 **Unable to drain**	
U12 **Door is open**	
U13 **Unable to spin**	
U14 **Unable to supply water**	
U15 **Unable to drain during drying**	

Error Display	Points to be checked
U 17 **Unable to spin**	**1** Restart Turn off → On **2** Run Rinse and Spin of "Active Speed 38" program ● Next time: Low foam detergent
H□□	**1** **2**  **3**

■ Information

hot **Unable to open**	Hot  During drying (P. 16) Temp **Hold 5 sec.** Start cooling ●●●●●●▶ 5 to 25 min.

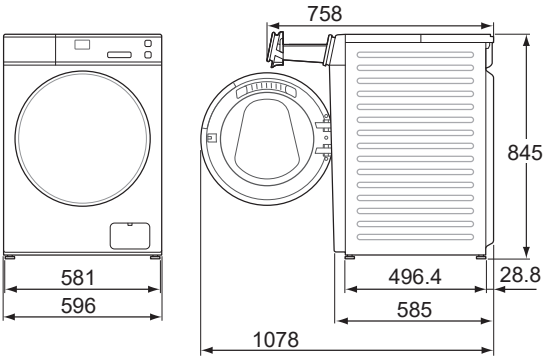
Installation Choosing the Right Location

Make sure to ask a service person for installation.

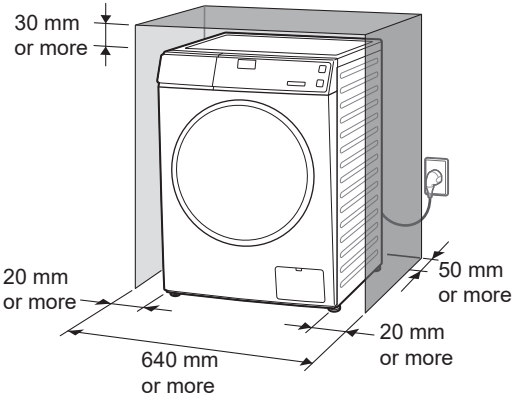
- Do not install the appliance by yourself.
- Follow this installation method. If you do not, Panasonic will not be liable for any accidents or damages.

Appliance dimensions

(mm)

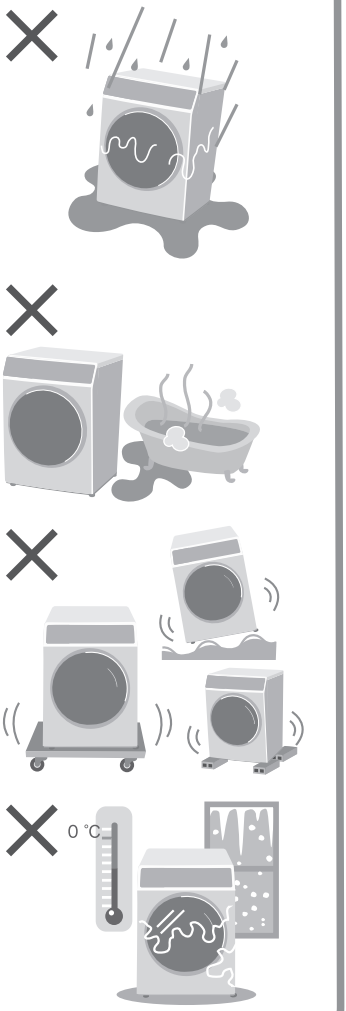


■ Set-in installation



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

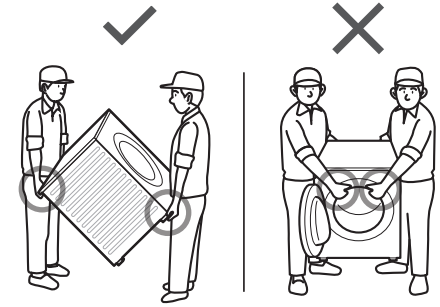
Check the location.

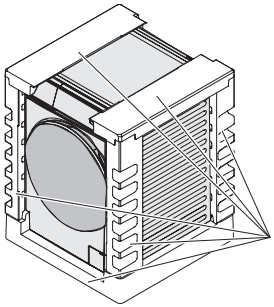


Moving and Installing

Carrying the appliance

Do not do it alone.

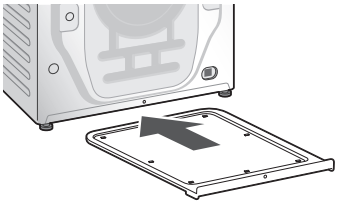




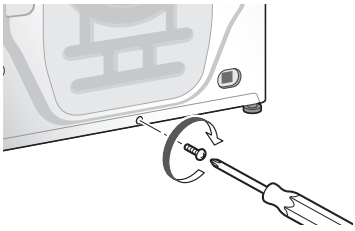
Remove all packing cushions before starting to use the appliance.

Installation of bottom cover

1



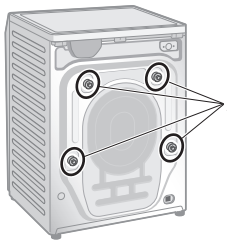
2

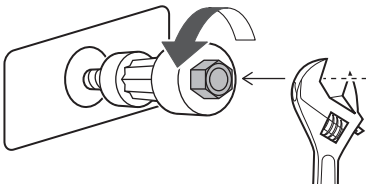


Moving and Installing (continued)

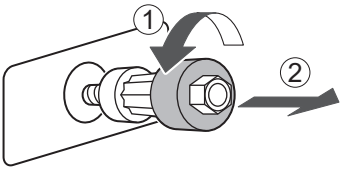
Removing the anchor bolts

1

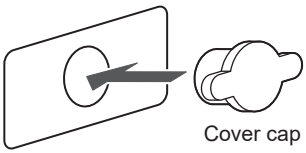




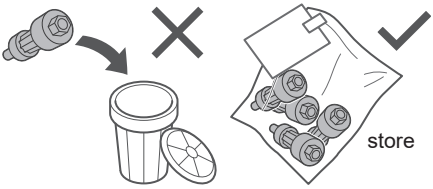
2



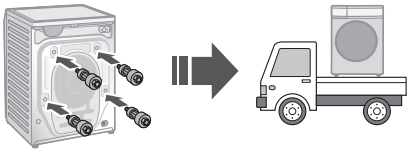
3



NOTE

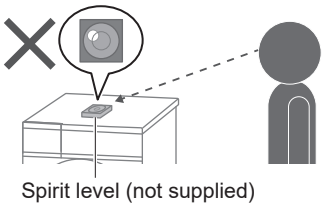


■ **Moving the appliance again**

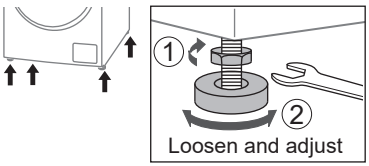


Levelling the appliance

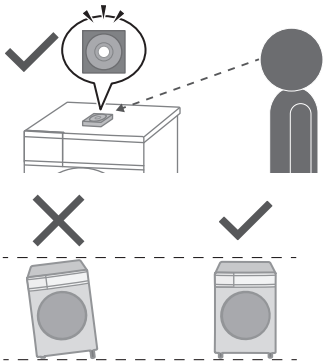
1



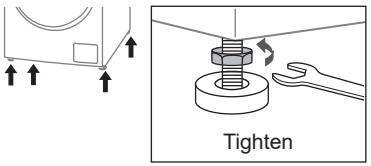
2



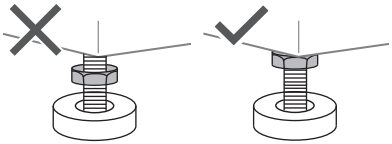
3



4



NOTE



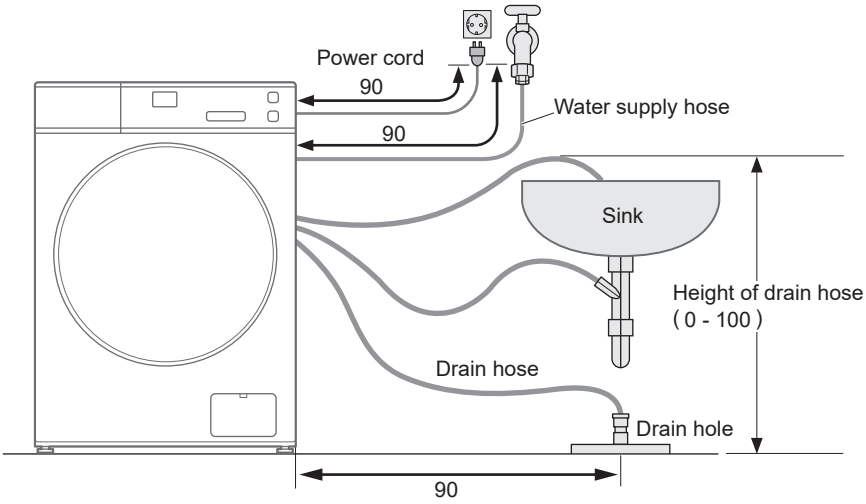
Connecting the Hoses

Connect the hoses properly to prevent water leaks.

Maximum connection distances for hoses and the power cord

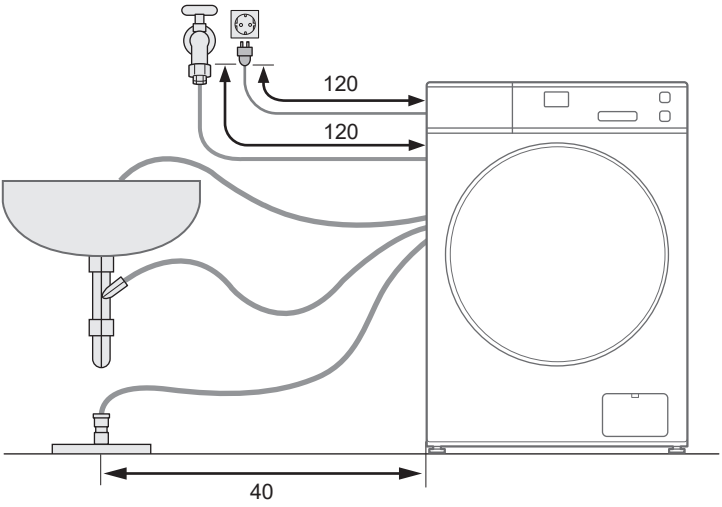
Right side connection

(cm)



Left side connection

(cm)



Connecting the Hoses (continued)

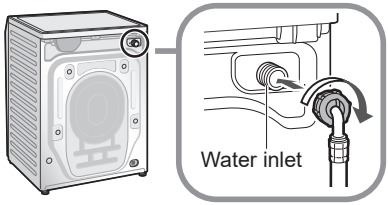
Water supply hose

■ Connecting the water supply hose

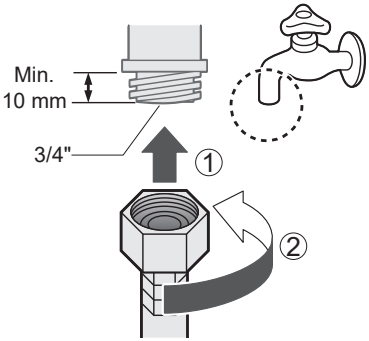
⚠ CAUTION

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

1



2



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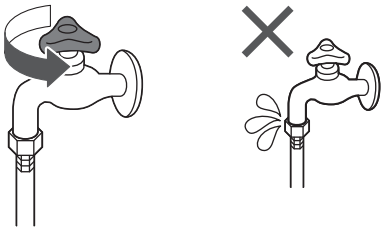
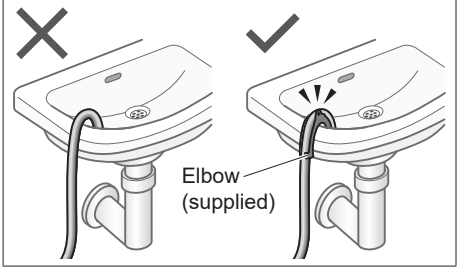


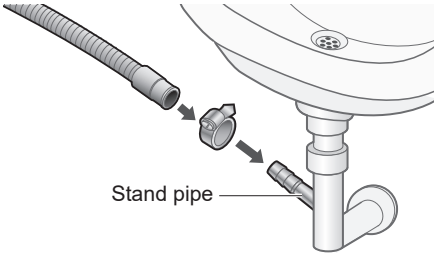
Drain hose

■ Draining to a sink or wash basin

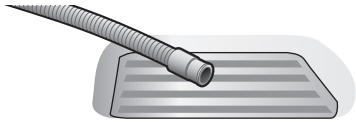
NOTICE



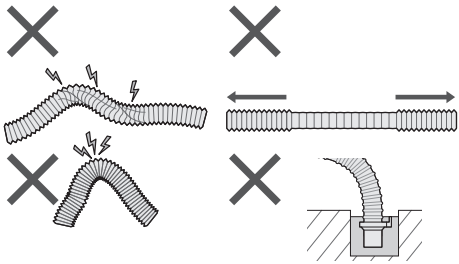
■ Draining to a stand pipe



■ Draining to a drain hole



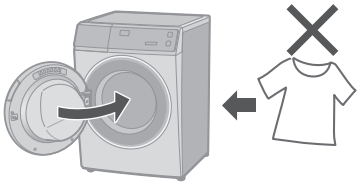
NOTE



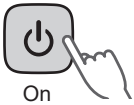
Test Run

1

2



3

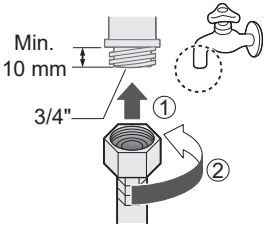
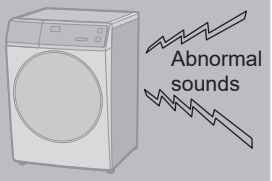
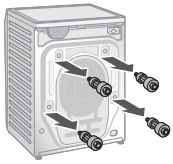
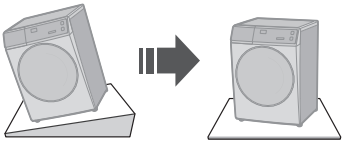
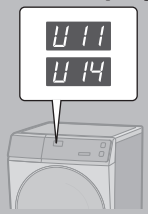


4

Active Speed 38

5

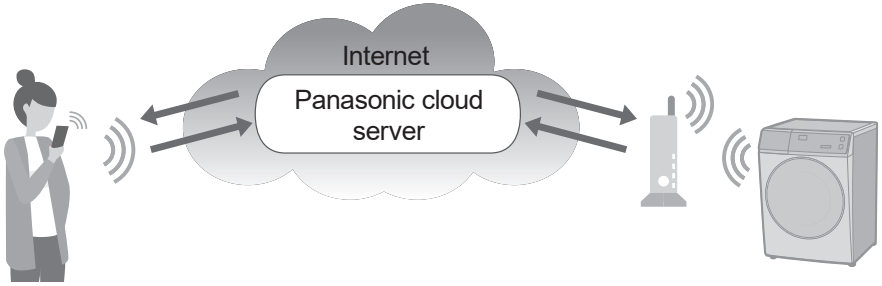
Checking after test run

Problem	Causes and Measures
Water leaks	Connect the water supply hose properly 
	● Remove the anchor bolts (P. 48)  ● Install stably 
Error display 	See P. 44.

Panasonic SmartApp+

More convenient with your smartphone

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

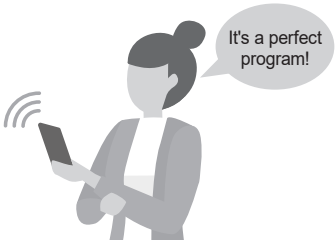


You can operate the washing machine or set the timer with application.

Support program selection from program history.

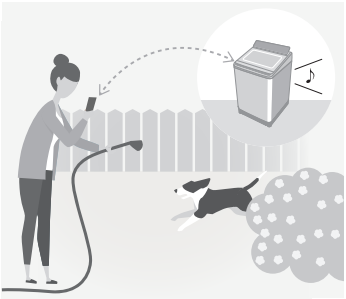
We have “My Favorite” program. You can create original programs with your favorite settings.

- Up to 10 programs for each operation (WASH, WASH & DRY, DRY).



Notification of washing status and end of operation.

Clothes can be taken out immediately after washing.



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

Required Equipment and Environment

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

■ Android or iOS (iPhone) smartphone

- About supported OS

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

Panasonic Website

■ Internet environment

Please confirm that it is a broadband line.

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

Internet communication charges will be borne by the customer.

■ Wireless LAN router

Use a wireless LAN router to connect to the internet.

NOTE

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

Panasonic SmartApp+ (continued)

Initial Settings

Follow the settings on the screen of the app.

1 Install the “Panasonic SmartApp+” (free)

- You can find the link to download the application from “Panasonic Website”.

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

Panasonic Website

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

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

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

Use the app (P. 55)

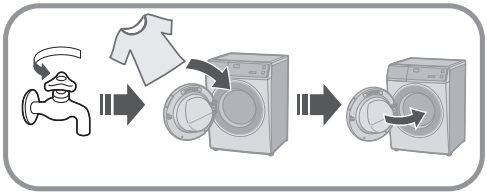
Using the “Panasonic SmartApp+”

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

Preparing to use the “Remote” function

You need to prepare the washing machine before going out.

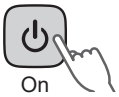
1



NOTE

- Close the door completely.

2



Checking “Auto Dose” setting
(P. 11, 14)

or

3

Hold 5 sec.

Approx. 2 sec.

After 10 min.

All other indications turn off, except:

NOTE

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

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

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

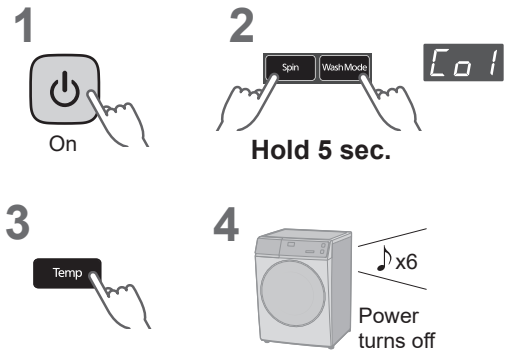
■ Lamp position

Panasonic SmartApp+ (continued)

Initializing

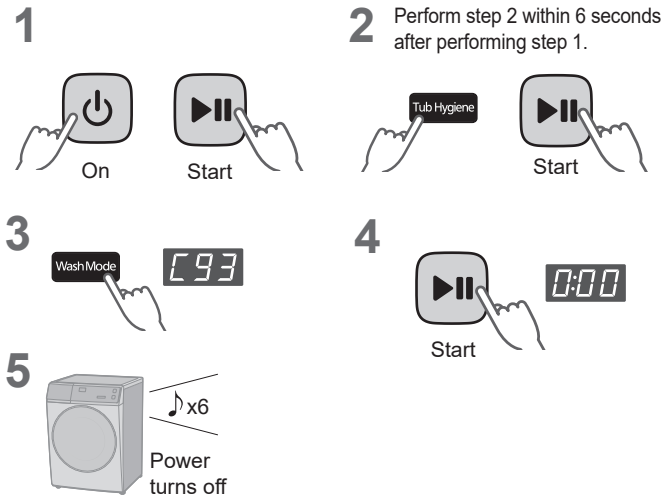
- When you stop using the “Panasonic SmartApp+”
- Suspected use due to unauthorized access
- If the appliance is a pre-owned machine

Reset the wireless LAN settings to the default settings.
(Operate on the washing machine)
You should also stop using the service of the app.

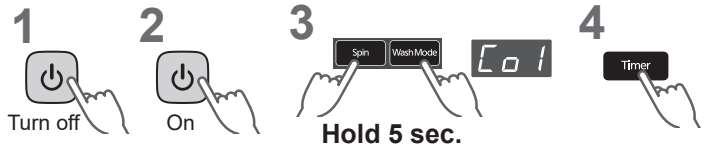


When you dispose of or transfer the washing machine

Reset all the contents such as the wireless LAN settings, washing machine settings, operation history, etc. to the state at the time of purchase. The QR code behind the appliance door cannot be used for subsequent registrations.
(Full initialization)
(Operate on the washing machine)



Error Display

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

Panasonic SmartApp+ (continued)

Usage for wireless LAN/Bluetooth®

■ Usage restrictions

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

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

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

■ Security measures

- Since the wireless LAN uses radio waves to send and receive data, there is a risk of unauthorized access. Take security measures to ensure the safety of your data. (P. 53) Please note that we are not responsible for any problems that occur without taking security measures.
- For the password (encryption key) of the wireless LAN router, refer to the instruction manual of the wireless LAN router and set it in consideration of security.

■ About firmware

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

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Panasonic SmartApp+ (continued)

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

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Specifications

		NA-S157FW1
Rated voltage (V)		220 - 240
Rated frequency (Hz)		50
Maximum energy rated power input (W)		1600 - 1900
Heating energy rates power input (W)	For washing	1445 - 1710
	For drying	905 - 1090
Maximum spin speed (r/min)		1400
Product dimensions (W x D x H) (mm)		596 × 585 × 845
Product weight (kg)		70
Maximum mass of dry cloth (Wash) (kg)		11.5
Maximum mass of dry cloth (Dry) (kg)		7.0
Pressure of tap water (MPa)		0.01 - 1

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