Panasonic

Petunjuk Penggunaan & Pemasangan

Mesin Cuci (Pemakaian rumah tangga)

Model No. NA-V115FW1

No. Reg. : IMKG.1388.07.2024

Penting untuk membaca instruksi ini.

ID

Daftar Isi

Mesin cuci ini memiliki “Dry Assist (Bantuan Pengeringan)” fungsi. (Hal. 30).

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Terima kasih Anda telah membeli Produk Panasonic.
- Baca petunjuk ini dengan teliti untuk memastikan kinerja yang optimal dan keamanan sebelum menggunakan.
- Simpan panduan ini untuk digunakan di lain waktu.

AWW9901CG4C0-0C0

Prosedur Keamanan

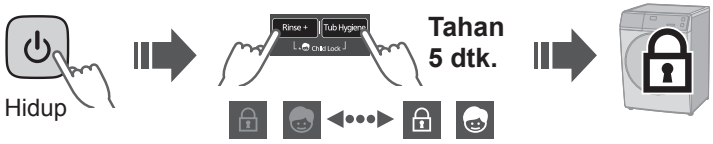
⚠ PERINGATAN

Dapat menimbulkan cedera atau kematian

Anak-anak tidak diperbolehkan menggunakannya sendiri.

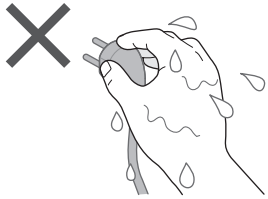
- Mesin cuci ini tidak ditujukan untuk digunakan oleh orang (termasuk anak-anak) dengan kemampuan fisik, sensorik atau mental yang kurang, atau tidak memiliki pengalaman dan pengetahuan yang cukup, kecuali bila mereka diawasi atau diberi petunjuk penggunaannya oleh orang yang bertanggung jawab atas keselamatan mereka.
- Anak-anak harus diawasi untuk memastikan bahwa mereka tidak bermain-main dengan mesin cuci ini.

Mengatur kunci pengaman anak. (Hal. 32)

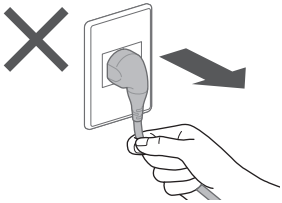


Dapat menyebabkan kebakaran atau sengatan listrik

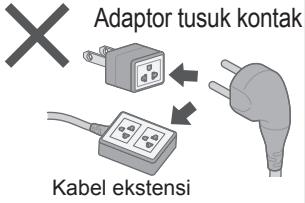
Jangan menyentuhnya dengan tangan basah.



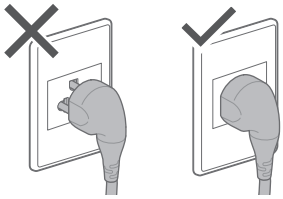
Jangan menahan atau menarik senur suplai.



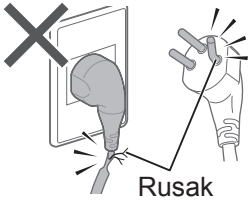
Jangan gunakan.



Masukkan seluruhnya.

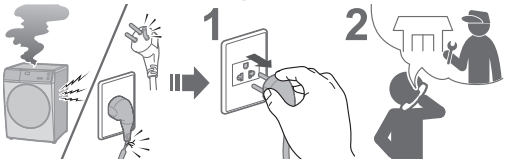


Jangan gunakan.

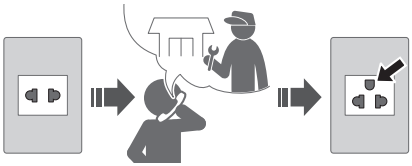


- **Jika senur suplai rusak, maka harus diganti oleh pihak produsen, perwakilan servis atau orang yang ahli untuk menghindari bahaya.**

Apabila senur suplai tidak berfungsi atau rusak, hentikan penggunaan dan konsultasikan dengan teknisi listrik.

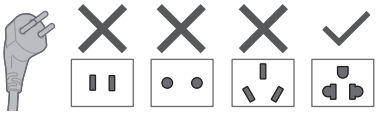


Tancapkan kaki arde sampai kencang. Minta teknisi listrik untuk memasang kotak kontak baru.



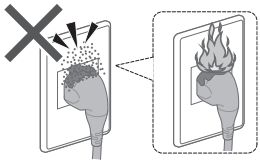
Gunakan kotak kontak yang sesuai untuk tusuk kontak ini.

mis.)



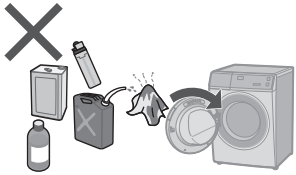
- Bentuk tusuk kontak, bentuk kotak kontak, dan ketentuan rating berbeda-beda menurut wilayah.

Debu yang terkumpul dapat menyebabkan kebakaran.



Lap tusuk kontak secara berkala.

Jauhkan dari bahan yang mudah menyala.



Dapat menyebabkan kegagalan

Jangan sekali-kali membongkar, memperbaiki, atau memodifikasinya sendiri.

Ketika menggunakan aplikasi "Panasonic SmartApp+"
(Menyebabkan malfungsi dikarenakan gelombang radio dari peralatan)

- Menjaga setidaknya 15 cm dari bagian pemasangan alat pacu jantung.
- Jauhkan dari peralatan medis dan peralatan kontrol otomatis (pintu otomatis, alarm kebakaran, dll.).

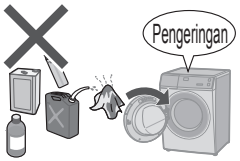
Prosedur Keamanan (lanjutan)

⚠ PERINGATAN

Dapat menyebabkan kebakaran

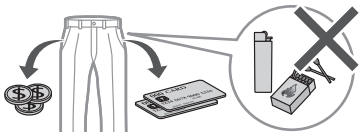
(Untuk keamanan penggunaan pengering)

Jangan mengeringkan pakaian yang dikotori dengan bahan yang mudah terbakar.



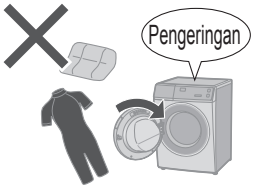
- Pakaian yang terkena noda seperti minyak masak, aseton,alkohol, bensin, minyak tanah, penghilang noda, terpentin, lilin, penghilang lilin, dan minyak kosmetik tidak boleh dikeringkan di dalam mesin meskipun telah dicuci.

Kosongkan semua saku.



- Pastikan tidak ada benda lain tertinggal di dalam kantong. Perhatikan baik-baik korek api dan pemantik api. Benda-benda ini dapat mengakibatkan kebakaran.

Jangan mengeringkan barang yang terbuat dari karet, dll.



- Benda-benda seperti karet (busa lateks), penutup rambut untuk mandi, tekstil anti-air, kain kedap udara, bahan dengan penyangga karet dan pakaian atau bantal berisi bantalan karet busa tidak boleh dikeringkan di dalam mesin ini. Bahan-bahan tersebut dapat hancur dan akhirnya merusak mesin.
- Jangan mengeringkan pakaian yang belum dicuci di dalam mesin ini.

Serat tidak boleh dibiarkan terkumpul di sekitar mesin ini.

Perhatikan hal berikut ini.

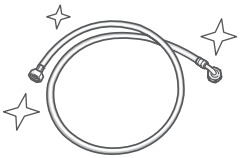
- Jangan pernah menghentikan mesin sebelum siklus pengeringan berakhir kecuali semua benda diambil dengan cepat dan dibentangkan agar panasnya hilang.
- Mesin ini tidak boleh digunakan jika bahan kimia industri telah digunakan untuk pembersihan.
- Mesin ini tidak boleh disuplai melalui perangkat sakelar eksternal, seperti pengatur waktu, atau terhubung ke sirkuit yang secara teratur dinyalakan dan dimatikan oleh sebuah utilitas.

⚠ PERHATIAN

Dapat menyebabkan kebocoran air

Matikan keran air.

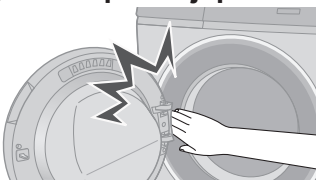
Gunakan set selang yang baru.



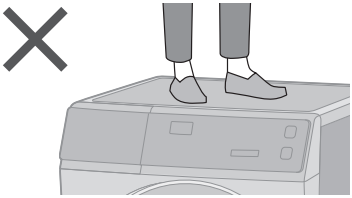
- Gunakan rangkaian selang baru yang disertakan bersama mesin cuci dan jangan gunakan kembali rangkaian selang yang lama.

Dapat menyebabkan cedera

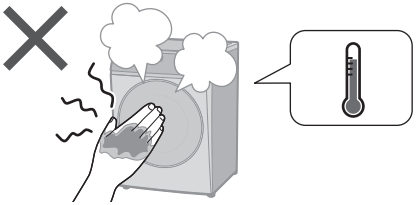
Berhati-hatilah agar jari Anda jangan sampai terjepit.



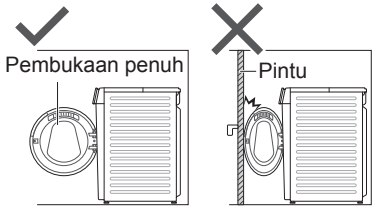
Jangan menaiki mesin cuci.



Jangan menyentuhnya bila panas.



Pasang mesin dengan benar.



- Mesin tidak boleh dipasang di belakang pintu yang dapat dikunci, pintu geser atau pintu dengan engsel pada sisi berlawanan dari mesin cuci atau yang mengganggu bukaan penuh pintu mesin cuci.

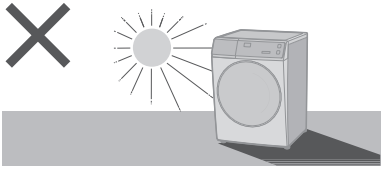
■ Untuk berat maksimum kain kering dan tekanan air keran, lihat Halaman 71.

Prosedur Keamanan (lanjutan)

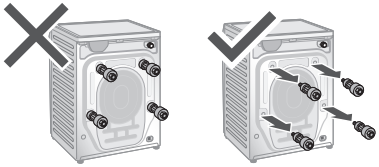
⚠ PERHATIAN

Dapat menyebabkan kegagalan

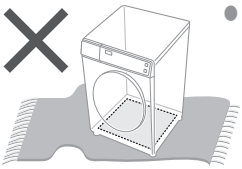
Jauhkan dari panas atau sinar matahari langsung.



Lepaskan baut pengunci sebelum operasi.

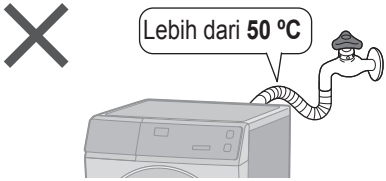


Jangan menghalangi.

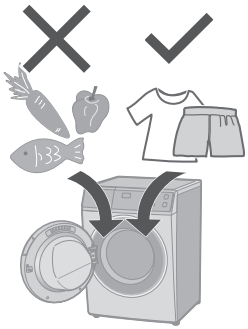


- Jangan menghalangi celah bagian bawah dengan karpet, dll.

Jangan gunakan air panas.

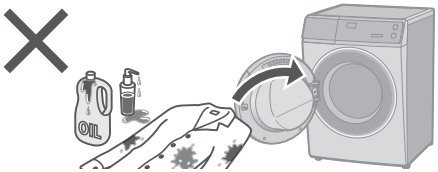


Hanya untuk benda-benda yang dapat dicuci dengan mesin.

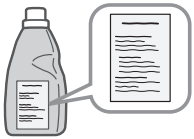


- Mesin Cuci ini dimaksudkan untuk penggunaan dalam rumah tangga.
  Mesin Cuci ini tidak dimaksudkan untuk aplikasi seperti:
  - area toko, kantor, dan lingkungan kerja lain;
  - rumah pertanian;
  - pelanggan di hotel, motel, dan lingkungan tempat tinggal lainnya;
  - lingkungan di penginapan sederhana;
  - tempat penggunaan umum di apartemen atau di tempat sewa mesin cuci.

Jangan mencuci terlalu banyak pakaian berminyak.



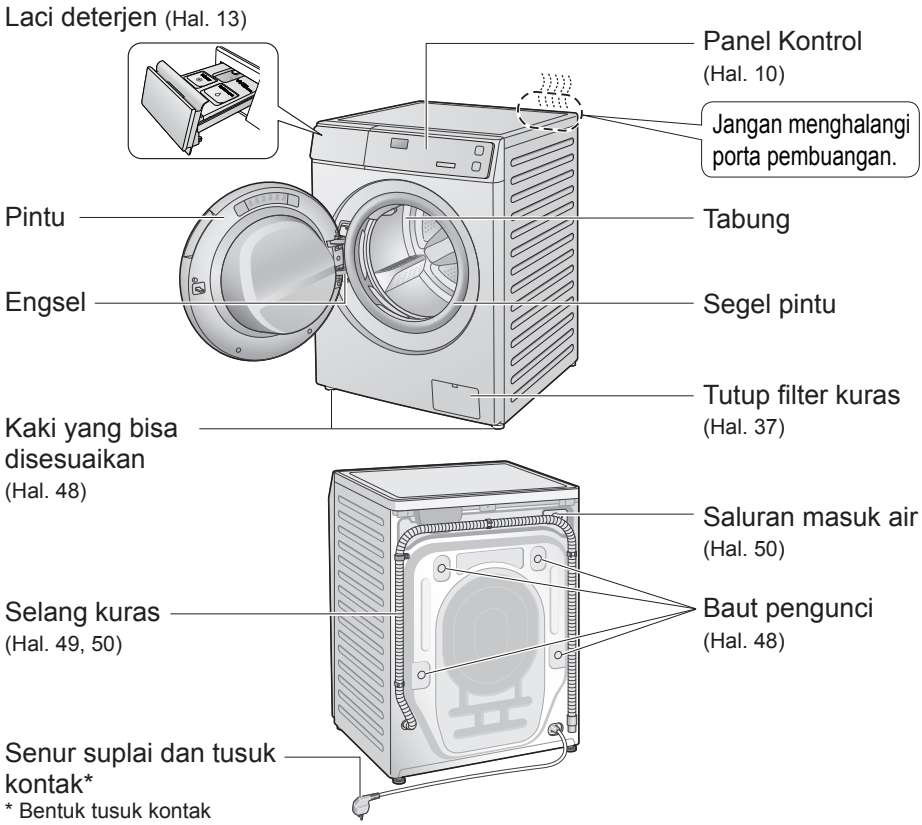
Ikuti Instruksi.



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

Periksa Alat Anda

Nama bagian

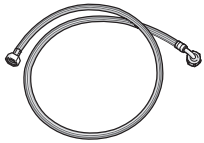


Aksesori

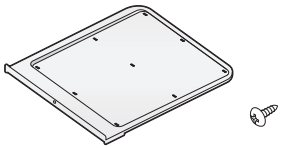
☐Siku (1) (Hal. 50)

☐Tutup pelindung (4) (Hal. 48)

☐Selang suplai air (1) (Hal. 49, 50)



☐Penutup bawah (1) / Sekrup (1) (Hal. 47)

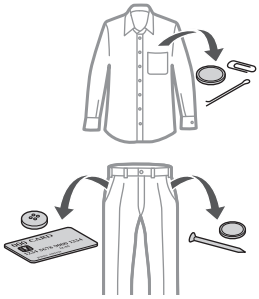


Sebelum Mencuci/Pengeringan

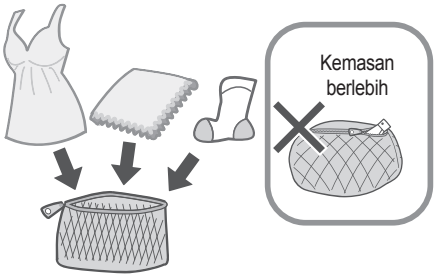
Menyiapkan cucian

Sebelum memasukkan pakaian ke dalam tabung

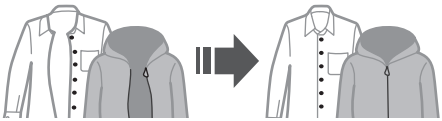
- Menyingkirkan benda asing.



- Gunakan jaring cucian untuk bahan halus dan barang-barang kecil.

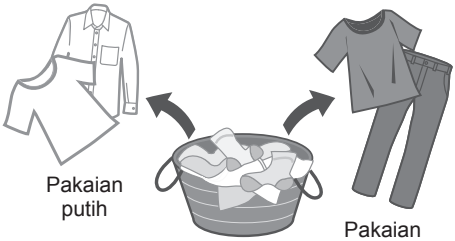


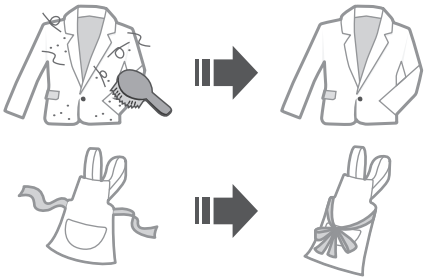
Pengecekan pra-pencucian



Pakaian cenderung bercorak (pil)

- Cuci secara terpisah.





- Perawatan awal untuk noda berat.

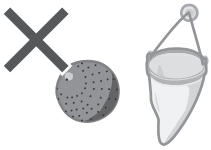
- Perhatikan label perawatan.

Yang tidak bisa dicuci atau dikeringkan

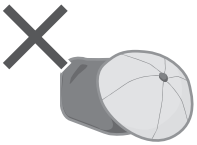
Yang tidak bisa dicuci atau dikeringkan

Kulit/bulu

Sutra, rayon dan cupro
(Kain campuran)

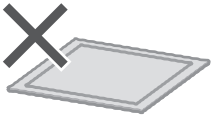


Alat bantu mencuci yang tersedia secara komersial



Topi dengan bahan inti keras

Bantalan, Bantal, dll.



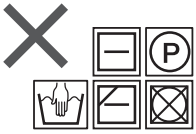
Uretan/keset karet atau tebal

Popok kertas

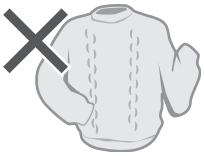
Lainnya ...

- Bahan berkerut dan timbul
- Kain crepe
- Pakaian yang bisa berubah bentuk (blazer, dasi, gaun, dll.)
- Beludru

Tidak boleh mengeringkan

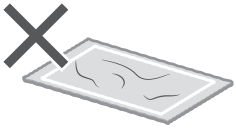


Salah satu dari tanda diatas

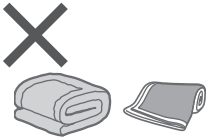


Pakaian wol

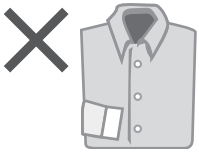
Celana ketat atau pantyhose



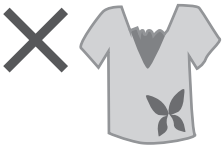
Keset dan barang lain dengan rambut hewan yang melekat



Selimut kapas



Pakaian kaku



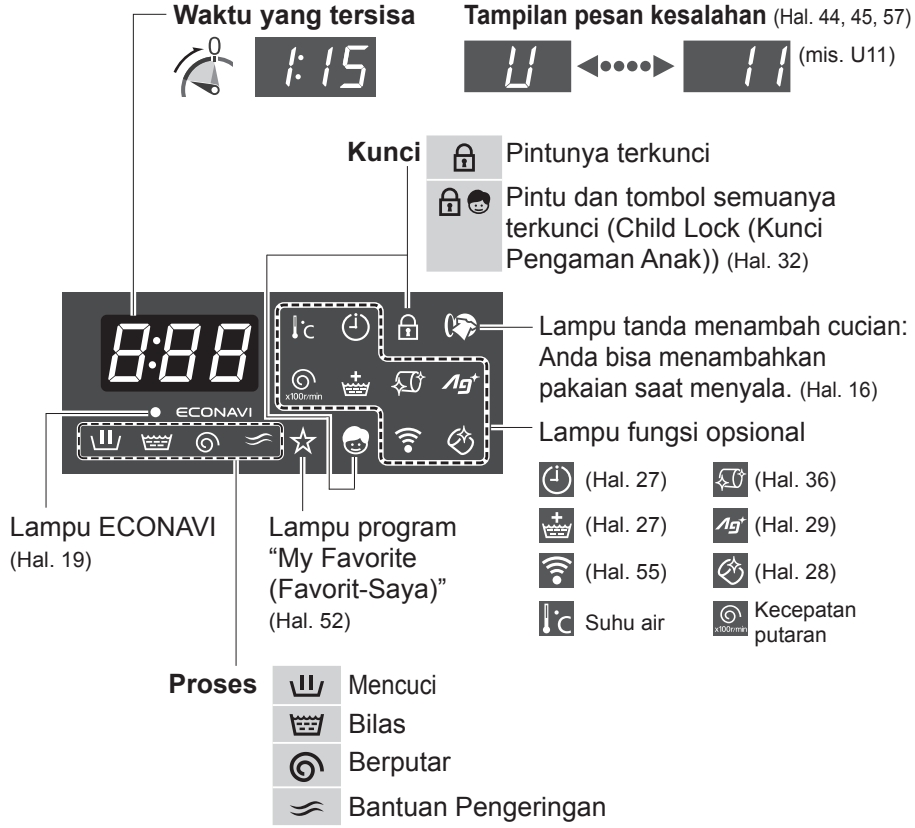
Pakaian dengan tali atau bordir, serat sintetis baru, dll.

CATATAN

- Dapat menyebabkan perubahan bentuk pakaian, kerusakan dan bahaya atau malfungsi pada mesin.

Panel Kontrol

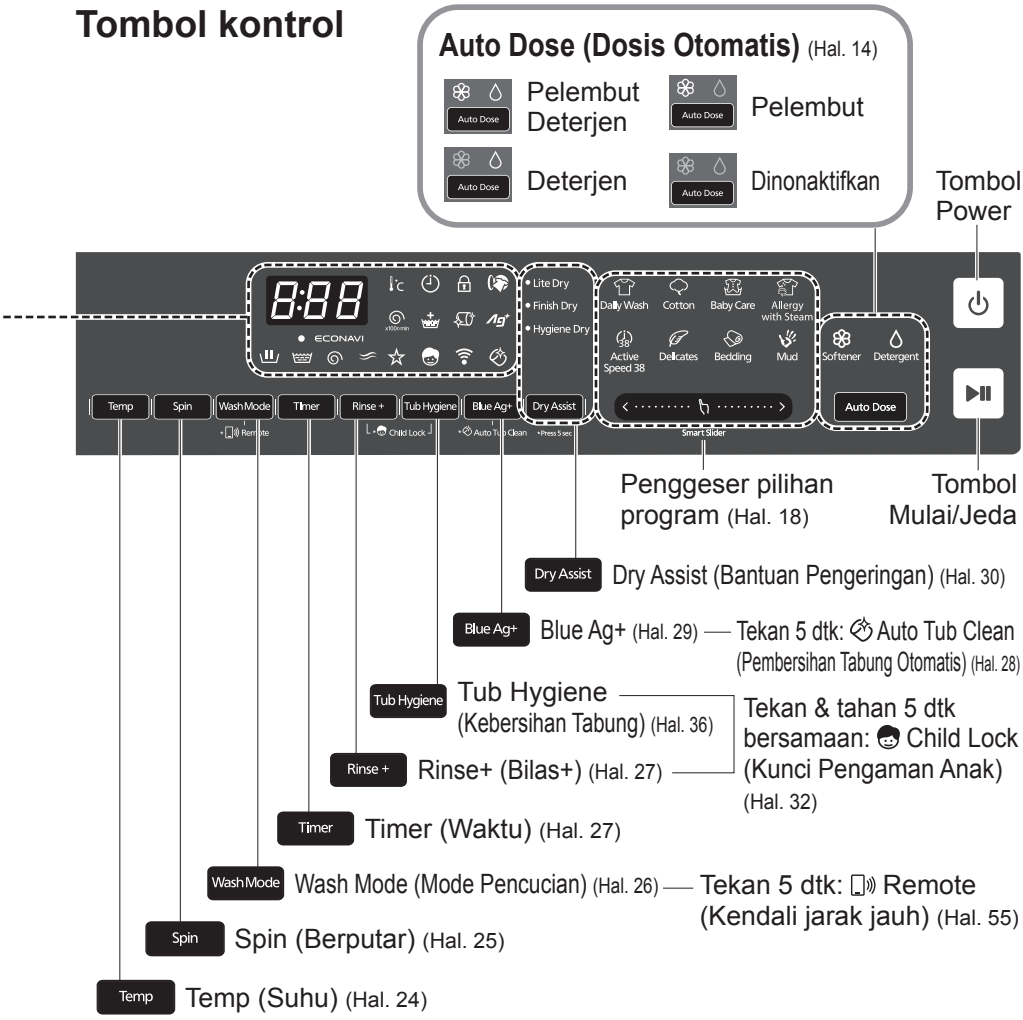
Tampilan



Operasi Sentuh

- Jika air, deterjen atau pelembut masuk,matikan dan bersihkan dengan handuk dll. segera. (Penyebab malfungsi)

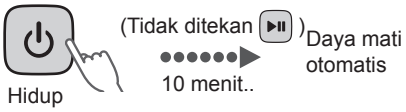
Tombol kontrol



CATATAN

- Matikan ➡ Hidupkan kembali

- Tidak ada operasi ➡ daya mati otomatis



- Jika terjadi kegagalan daya
  ➡ Saat daya pulih, operasi berlanjut di mana ia berhenti. (Auto Restart (Mulai Ulang Otomatis))

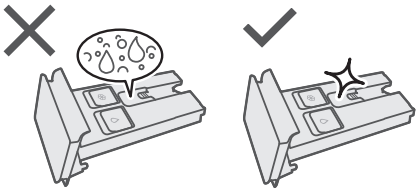
Deterjen

- Ikuti petunjuk pada tiap kemasan.

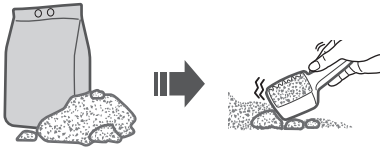
Deterjen

Gunakan deterjen berbusa rendah.

- Untuk mencegah deterjen bubuk tersisa di laci deterjen:



Basah　　Pengeringan



Gumpalan　　Bubuk

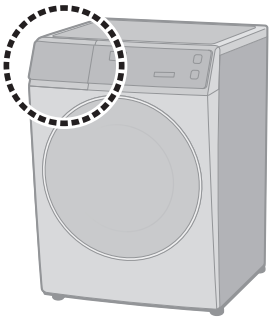
Tangki Deterjen Manual

Bubuk deterjen　　Deterjen cair

Pemutih

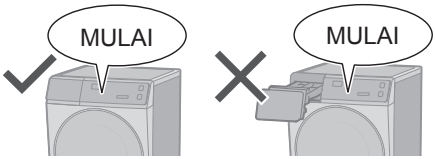
Pemutih

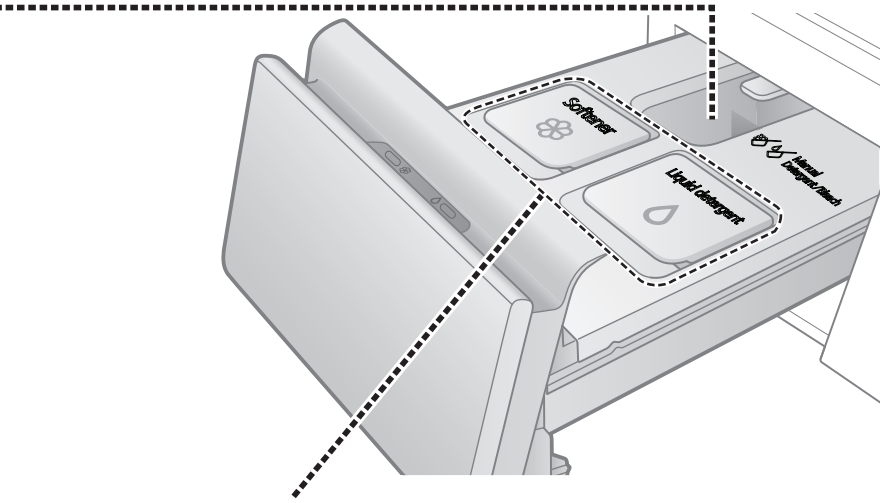
Penggunaan pemutih
(penggunaan klorin)



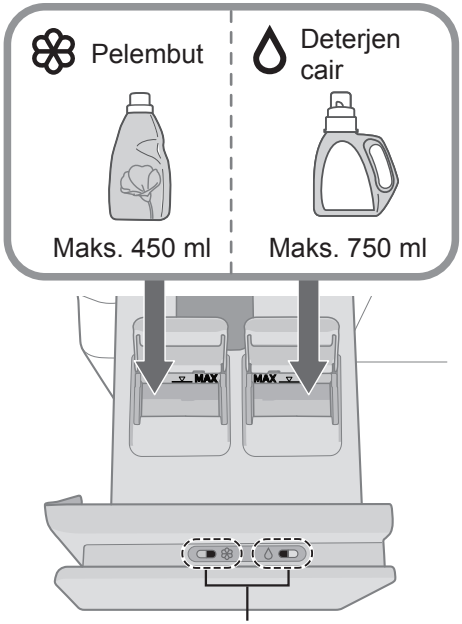
CATATAN

- Tutup laci deterjen sepenuhnya sebelum digunakan untuk mencegah kebocoran air.





Tangki Dosis Otomatis



Saat menambahkan deterjen/ pelembut, jendela berubah dari hitam menjadi merah muda (pelembut) dan biru (deterjen). Tambahkan deterjen/ pelembut bila jendela tampak hitam.

CATATAN

- Deterjen cair/pelembut yang dibiarkan dalam waktu lama dapat menggumpal atau mengeras. Dalam hal ini, bersihkan tangki dosis otomatis. (Hal. 34)

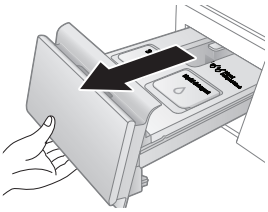
Jangan gunakan deterjen/pelembut yang dipisahkan atau dipadatkan

Auto Dose (Dosis Otomatis)

Deterjen dan pelembut akan ditambahkan secara otomatis tergantung pada jumlah cucian dan pengaturan takaran, tersedia dengan semua program kecuali “Tub Hygiene (Kebersihan Tabung)” dan “Dry Assist (Bantuan Pengeringan (Hanya Pengeringan))”.

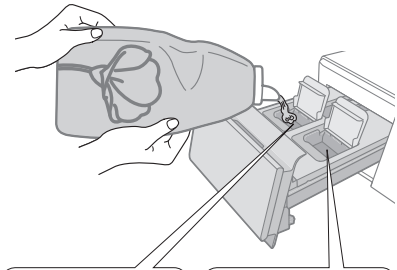
■ Menyediakan deterjen/pelembut

1



- Tarik laci keluar.

2

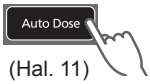


3 Tutup penutup tangki dan dorong laci ke dalam sepenuhnya

■ Untuk mengatur fungsi “Auto Dose (Dosis Otomatis)”

1

2



(Hal. 11)

(Setingan awal)

3

(Pengaturan diingat.)

■ Jumlah standar

- Kain kering: 4 kg
- Detergen cair: 15 ml
- Pelembut: 30 ml

■ Untuk mengubah jumlah dosis

1

2

Tahan 3 dtk

(mis.)

Pelembut Deterjen

3

- Untuk menambahkan atau mengurangi

- Nilai rentang
  - Deterjen: 6 ml - 60 ml
  - Pelembut: 6 ml - 81 ml

  Langkah perubahan: 3 ml

(Pengaturan diingat.)

4

CATATAN

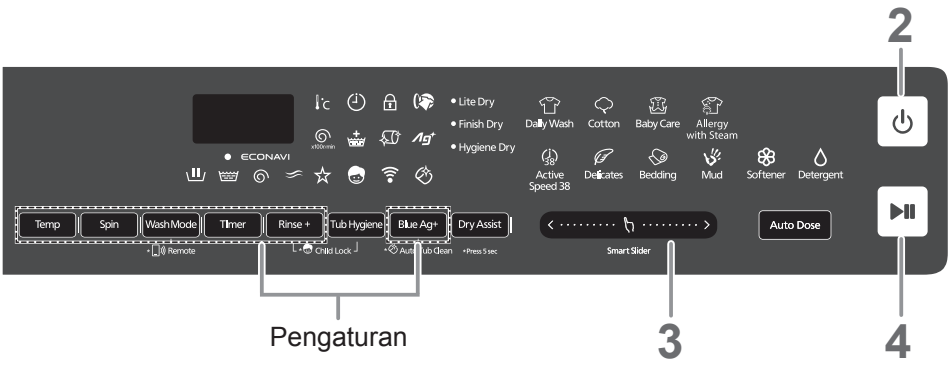
- Jika sebelumnya ada air di dalam tabung, deterjen dan pelembut tidak akan tersedia secara otomatis saat mencuci.
- Bila suhu sekitar rendah, waktu pengoperasian mungkin lebih lama karena deterjen/pelembut dapat mengeras.

■ Q&A

	Pertanyaan	Jawaban
Deterjen/Pelembut	**Apa yang tidak dapat digunakan dengan fungsi “Auto Dose (Dosis Otomatis)”?**	Berikut ini tidak dapat digunakan: ● Deterjen bubuk ● Pemutih ● Sabun cair ● Sabun bubuk ● Barang yang tidak memiliki label “Perkiraan jumlah yang akan digunakan” pada paketnya Soda kue tidak dapat digunakan untuk pemberian dosis manual atau otomatis.
	Mengganti merek deterjen cair?	Ikuti langkah-langkah di bawah ini: ① Kosongkan tangki dosis otomatis dan bersihkan. (Hal. 34) (Mencampur merek yang berbeda dapat menyebabkan penyumbatan) ② Tambahkan deterjen/pelembut baru. (Hal. 14)
	Bisakah saya menambahkan lebih banyak sebelum kehabisan?	Merek yang sama dapat ditambahkan apa adanya.
	Berapa jumlah standar untuk deterjen/pelembut?	● Jumlah standar adalah jumlah deterjen/pelembut yang digunakan per 4 kg kain kering. Periksa informasi pada paket. ● Jika tidak ada informasi pada kemasannya atau jika Anda tidak yakin, hubungi produsennya.
Cara menggunakan fungsi “Auto Dose (Dosis Otomatis)”	**Berapa kali kita dapat mencuci dengan program dosis otomatis jika tangki penuh?**	● Deterjen: sekitar 44 kali Jumlahnya bervariasi tergantung pada jumlah cucian dan pengaturan jumlah takaran.
	Jika Anda tidak mengatur jumlah dosis?	● Jumlah standarnya adalah • 15 ml deterjen per 4 kg kain kering • 30 ml pelembut per 4 kg kain kering ● Jika pengaturan tidak sesuai untuk deterjen/pelembut yang Anda gunakan, noda mungkin tidak hilang atau cucian menjadi gelap.
	Apa yang terjadi jika memasukkan deterjen ke dalam tangki deterjen manual saat mengatur fungsi “Auto Dose (Dosis Otomatis)”?	Karena dimasukkan dua kali, itu akan terlalu banyak.

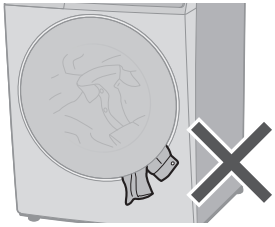
Mencuci

Metode Dasar



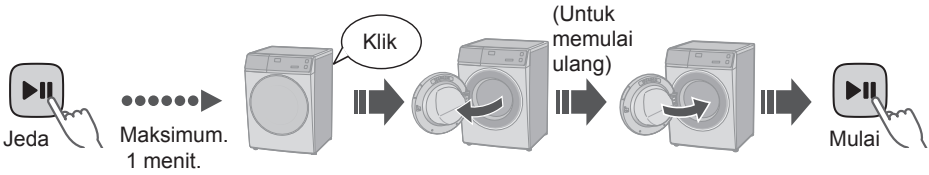
CATATAN

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



■ **Jangan mengisi tabung dengan cucian yang berlebihan.**

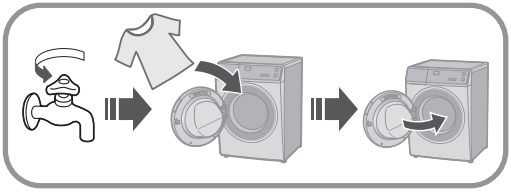
■ **Untuk membuka pintu selama operasi**
(Anda dapat menambahkan pakaian ketika menyala.)



CATATAN

● Pintu tidak bisa dibuka ➠ (Hal. 39)

1



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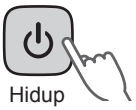
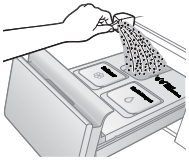


Hidup

Memeriksa pengaturan “Auto Dose (Dosis Otomatis)” (Hal. 11, 14)

atau



3

Pilih program. (Hal. 18)

■ **Mengubah pengaturan.**

Pengaturan

Temp Temp (Suhu) (Hal. 24)	Spin Spin (Berputar) (Hal. 25)	Wash Mode Wash Mode (Mode Pencucian) (Hal. 26)	Timer Timer (Waktu) (Hal. 27)
Rinse + Rinse+ (Bilas+) (Hal. 27)	Tub Hygiene Tub Hygiene (Kebersihan Tabung) (Hal. 36)	Blue Ag+ Blue Ag+; Auto Tub Clean (Pembersihan Tabung Otomatis) (Hal. 28, 29)	

4

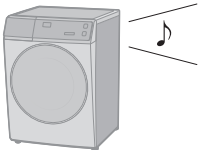
Mulai

Mengukur jumlah cucian

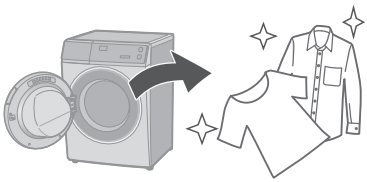
(30 dtk.)

Menampilkan waktu yang dibutuhkan (hitung ulang)

(mis.)



5



Daftar Program

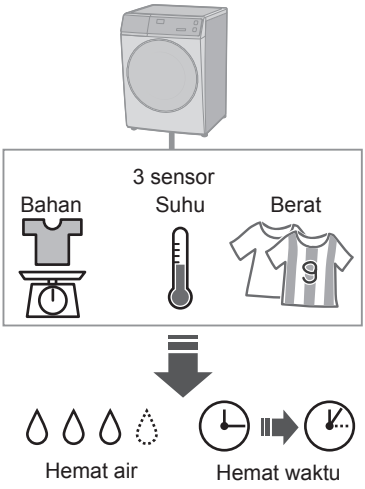
Program	Deskripsi	Muatan maksimal (kg)	Total waktu
Daily Wash (Cucian Harian)	● Pakaian sehari-hari	11,5	1:30
Cotton (Kapas)	● Pakaian sehari-hari dengan waktu ekstra (lebih menghemat air dibandingkan program “Daily Wash (Cucian Harian)”.	11,5	3:00
Baby Care (Perawatan Bayi)	● Pakaian untuk bayi & orang dengan kulit yang sensitif Bilas menyeluruh	5,0	2:20
Allergy with Steam	● Untuk kutu	5,0	2:05
Tub Hygiene (Kebersihan Tabung)	● Membersihkan tabung.	Tidak ada	3:45

● **Total waktu rata-rata** (Ketika suplai air standar adalah 15 L / menit).
Untuk suhu air dasar setiap program.

Program	Deskripsi	Muatan maksimal (kg)	Total waktu
Active Speed 38 (Kecepatan Aktif 38)	● Muatan kecil	5,0	0:38
Bedding (Seprai)	● Benda berukuran besar	3,0	1:30
Delicates (Bahan halus)	● Mencuci dengan lembut	2,0	0:50
Mud (Lumpur)	● Noda lumpur	11,5	3:35

ECONAVI

● Program “Daily Wash (Cuci Harian)” saja



■ **Indikasi lampu**

Mendeteksi

ECONAVI diaktifkan

ECONAVI dinonaktifkan

Penjelasan Program

Pengaturan / Program	Pengaturan Otomatis		
	Temp (Suhu) (°C)	Spin (Berputar) (r/menit)	
Daily Wash (Cucian Harian)	40	1200	
Cotton (Kapas)	60	1400	
Baby Care (Perawatan Bayi)	40	1400	
Allergy with Steam	60	1400	
Active Speed 38 (Kecepatan Aktif 38)	40	1200	
Delicates (Bahan halus)	30	500	
Bedding (Seprai)	Dingin	700	
Mud (Lumpur)	40	1200	
Tub Hygiene (Kebersihan Tabung)	40	1200	

CATATAN

- Untuk cucian dengan kekotoran normal pada kapasitas yang ditentukan, kami merekomendasikan penggunaan “Cotton (Kapas), 60°C, 1400 r/menit” yang telah diuji sesuai dengan IEC 60456 untuk aspek efisiensi energi dan air.
- Suhu air sebenarnya mungkin berbeda dari suhu siklus yang dinyatakan.
- Hasil pengujian tergantung pada tekanan air, kesadahan air, suhu saluran masuk air, suhu kamar, jenis dan jumlah muatan, tingkat kekotoran, deterjen yang digunakan, fluktuasi pasokan listrik utama dan pilihan tambahan yang dipilih.

Rentang pengaturan		Fungsi opsional				
Temp (Suhu) (°C)	Spin (Berputar) (r/menit)	Wash Mode (Mode Pencucian)	Timer (Waktu)	Rinse+ (Bilas+)	Blue Ag+	Auto Tub Clean (Pembersihan Tabung Otomatis)
Dingin, 30, 40, 60	, 500, 700, 1200, 1400	✓	✓	✓	✓	✓
Dingin, 30, 40, 60	, 500, 700, 1200, 1400	✓	✓	✓	✓	✓
Dingin, 30, 40, 60	, 500, 700, 1200, 1400	✓	✓	✓	✓	✓
60	, 500, 700, 1200, 1400	–	✓	–	–	✓
Dingin, 30, 40	, 500, 700, 1200, 1400	✓	✓	–	✓	✓
Dingin, 30, 40	, 500	✓	–	✓	✓	–
Dingin, 30	, 500, 700	✓	✓	✓	✓	–
40	, 500, 700, 1200, 1400	✓	✓	✓	✓	✓
40	1200	–	–	–	–	–

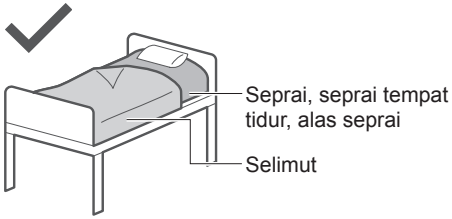
: Hanya menguras (Tidak berputar)

Tips untuk Mencuci

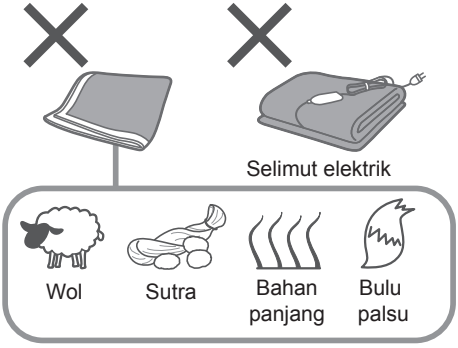
Bedding (Seprai)

■ Barang-barang yang bisa dicuci

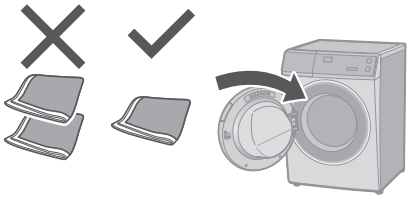
- 30 40 (Mencuci) ● (Cucian tangan)
- 100 % kapas atau 100 % sintetis



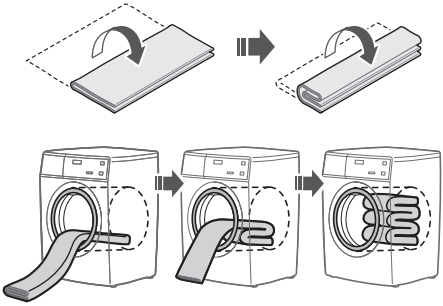
■ Barang-barang yang tidak bisa dicuci



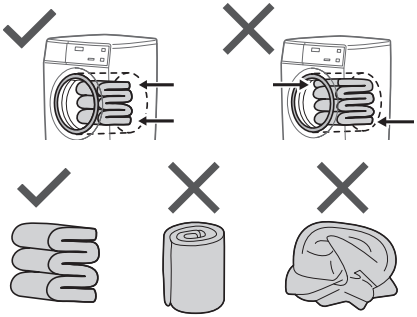
CATATAN



■ Menaruh selimut ke dalam tabung



CATATAN

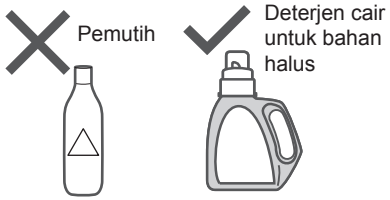


Delicates (Bahan halus)

■ Ketika mencuci

- Untuk bilas sepenuhnya, gunakan fungsi “Rinse+ (Bilas+)”. (Hal. 27)

CATATAN



■ Setelah operasi selesai

Mengubah Pengaturan Program

■ **Persiapan**

- Sortir cucian dan taruh ke dalam tabung. (Hal. 8)
- Periksa pengaturan “Auto Dose (Dosis Otomatis)” atau tambahkan deterjen secara manual (Hal. 11, 12, 14)

1

Hidup

2 Pilih program. (Hal. 18)

3 **Mengubah pengaturan program.**

Spin — Spin (Berputar)

Temp — Temp (Suhu)

- Opsi yang tersedia dan rentang pengaturan berbeda-beda tergantung pada programnya. (Hal. 20)
- Alarm akan berbunyi jika Anda memilih opsi yang tidak tersedia.

4

Mulai

Temp (Suhu)

Ganti suhu pencucian.

Rendah — Tinggi

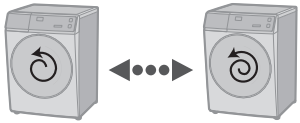
■ **Panduan Pengaturan**

Rendah	Tinggi
● Warna	● Putih
● Kekotoran Ringan	● Kekotoran Berat
● Mudah Menyusut	● Kapas

3 Temp (Hal. 21)

r/min Spin (Berputar)

Mengubah kecepatan putaran.



■ Panduan Pengaturan

Rendah	Tinggi
● Untuk Mengurangi Kerutan	● Untuk pengeringan lebih menyeluruh

3

(Hal. 21)

■ Untuk mengubah pengaturan saat mencuci

Mencuci

1
Jeda

2

3
Mulai

Mengubah Pengaturan Program (lanjutan)

■ **Persiapan**

- Sortir cucian dan taruh ke dalam tabung. (Hal. 8)
- Periksa pengaturan “Auto Dose (Dosis Otomatis)” atau tambahkan deterjen secara manual (Hal. 11, 12, 14)

1

Hidup

2 Pilih program. (Hal. 18)

3 **Mengubah pengaturan program.**

Wash Mode (Mode Pencucian) Wash Mode

Timer (Waktu) Timer

Rinse+ (Bilas+) Rinse +

- Opsi yang tersedia dan rentang pengaturan berbeda-beda tergantung pada programnya. (Hal. 20)
- Alarm akan berbunyi jika Anda memilih opsi yang tidak tersedia.

4

Mulai

Wash Mode (Mode Pencucian)

Pilih kombinasi dari mencuci, bilas dan berputar.

(mis.) ☐ ☑ ☑

Mencuci ▸ Bilas ▸ Berputar

3

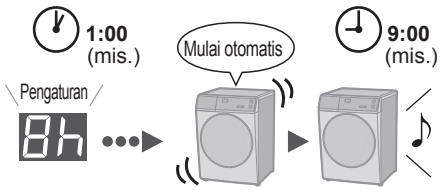
*1	Mencuci
*2	Bilas
*2	Berputar
	Mencuci dan bilas
	Mencuci dan berputar
*2	Bilas dan berputar

*1 Air dikuras setelah proses mencuci.

*2 Kuras terlebih dahulu jika ada air di dalam tabung.

Timer (Waktu)

Setel berapa jam kemudian untuk menyelesaikan operasi. (Hingga 24 jam)



3

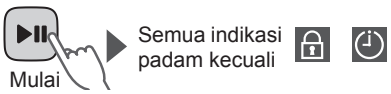
Tekan atau tahan

■ **Untuk memeriksa waktu yang disetel**

■ **Untuk membatalkan pengaturan**

Matikan (Semua pengaturan dibatalkan)

CATATAN



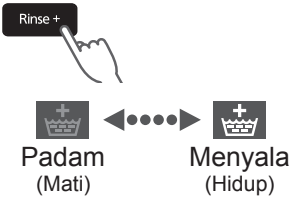
Mulai — Semua indikasi padam kecuali

● Tidak tersedia: Hal. 21

Rinse+ (Bilas+)

Tambahkan bilas ekstra.

3



■ **Untuk mengubah pengaturan saat mencuci**

1 Jeda

2 Rinse + — Mati / Hidup

3 Mulai

Mengubah Pengaturan Program (lanjutan)

■ **Persiapan**

- Sortir cucian dan taruh ke dalam tabung. (Hal. 8)
- Periksa pengaturan “Auto Dose (Dosis Otomatis)” atau tambahkan deterjen secara manual (Hal. 11, 12, 14)

1

2 Pilih program. (Hal. 18)

3 **Mengubah pengaturan program.**

Blue Ag+
Auto Tub Clean
(Pembersihan Tabung Otomatis)

- Opsi yang tersedia dan rentang pengaturan berbeda-beda tergantung pada programnya. (Hal. 20)
- Alarm akan berbunyi jika Anda memilih opsi yang tidak tersedia.

4

Auto Tub Clean (Pembersihan Tabung Otomatis)

Tambah proses pembersihan tabung.

3 Blue Ag+ **Tahan 5 dtk.**

CATATAN

- Pengaturan telah diingat.

Ag+ Blue Ag+

Fungsi eliminasi bakteri (Maksimum. 3,0 kg).

3

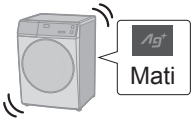
Padam (Mati)

Menyala (Hidup)

■ Masa pakai kotak Ag+

- "Blue Ag+" bekerja sekitar 300 hingga 350 kali (selama sekitar 7 tahun jika digunakan seminggu sekali).
- Ganti kotaknya ketika isinya telah berkurang.

- Mengganti
- Mencuci tanpa "Ag+"

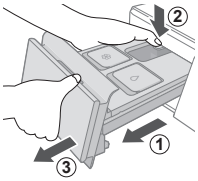


CATATAN

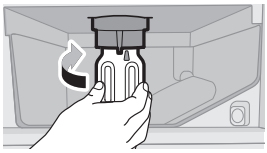
- Jangan gunakan air tersebut untuk yang lain.

■ Ubah kotak Ag+

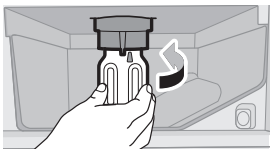
1 Keluarkan laci deterjen.



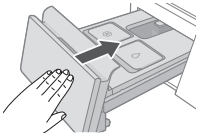
2 Hapus kotak Ag+



3 Tukarkan dan lampirkan kotak Ag+



4 Pasang laci deterjen sepenuhnya



- Jenis pakaian, deterjen, pelembut, dan kesadahan air dapat mempengaruhi hasilnya.
- Berhenti menggunakan jika menyebabkan gatal, dll.

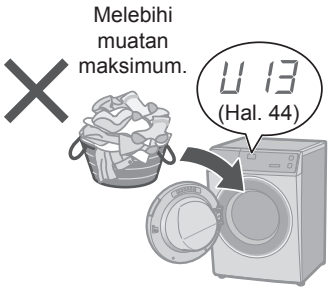
Bantuan Pengeringan (Hanya Pengeringan)

Fungsi ini tidak dapat disetel dengan program mencuci lainnya secara bersamaan.

1 Hidup

2 Dry Assist

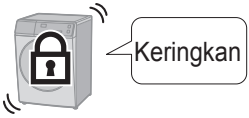
3 Mulai



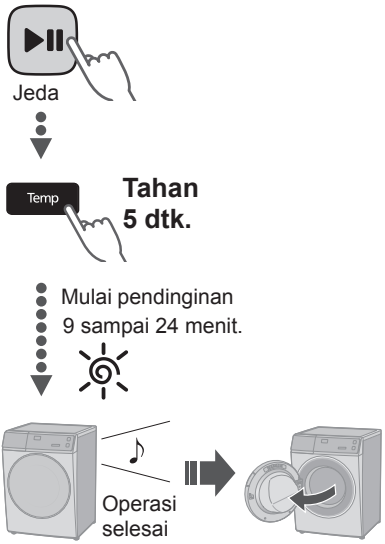
Bantuan Pengeringan	Indikator (menit)	Deskripsi	Muatan maksimal (kg)
• Lite Dry	120 180	Setelah berputar pada 1400 r/menit Mis.) 5 kaos	1,0
• Finish Dry	30	Pengeringan pakaian tambahan yang tidak cukup kering 	2,0
	120 180	 Setelah digantung kering Mis.) 1 celana panjang, 1 celana pendek, 1 kaos oblong, 1 celana dalam, 1 handuk.	
• Hygiene Dry	120 180	Setelah berputar pada 1400 r/menit Bacteria Elimination Mis.) 1 kaos, 2 celana anak-anak, 1 pasang kaos kaki	0,5

CATATAN

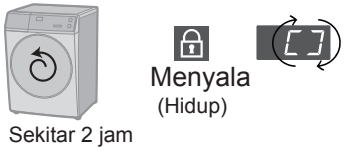
- Pintunya terkunci selama pengeringan.



  - Untuk membuka pintunya



- Setelah pengeringan, Tabung akan berputar setiap 5 menit selama 40 detik untuk mencegah kerutan yang disebabkan meninggalkan pakaian tanpa pengawasan.

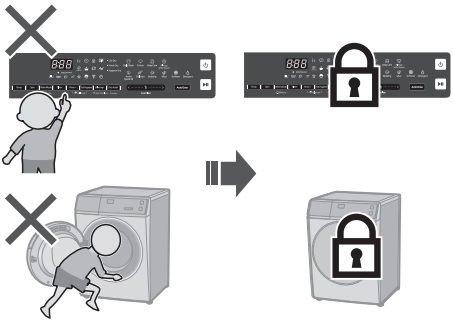


  - Untuk membuka pintunya:

Gejala	Tips untuk hasil akhir yang bagus
• **Pengeringan tidak mencukupi** • **Pengeringan tidak merata** 	• Mengurangi jumlah pakaian. • Golongkan pakaian. (Hal. 30) • Atur waktu pengeringan untuk mendapatkan kinerja pengeringan yang diinginkan. • Gunakan “Finish Dry (Pengeringan Penuh)” 30 menit untuk pengeringan tambahan.

Mengubah Pengaturan Alat

Pengaturan Kunci Pengaman Anak

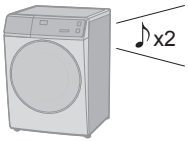


1

Hidup

2

Tahan 5 dtk.



Menyala
(Hidup)

■ **Untuk membatalkan:**

Prosedur yang sama

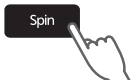
Padam
(Mati)

Membatalkan bel

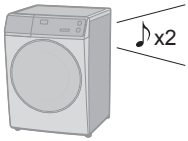
1

Hidup

2



Tahan 5 dtk.



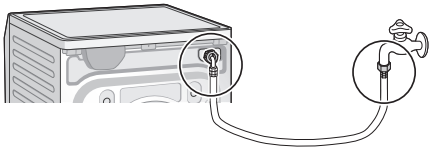
■ **Untuk mengatur ulang:**

Prosedur yang sama

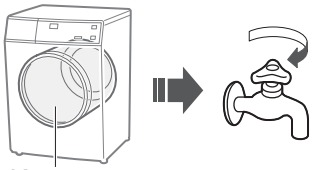
Perawatan

Filter suplai air

Jika air tidak mengalir dengan lancar



1



2

3

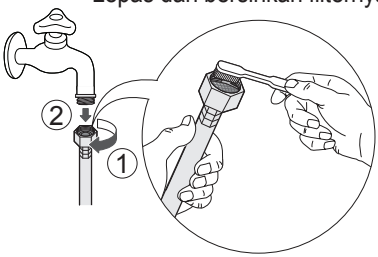
Pilih

Daily Wash
(Cucian Harian)

4

5

Lepas dan bersihkan filternya



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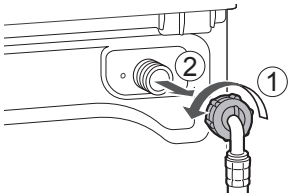
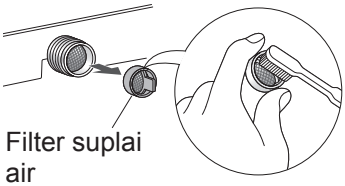
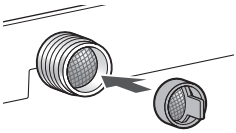


7

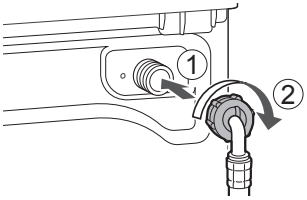


Filter suplai air

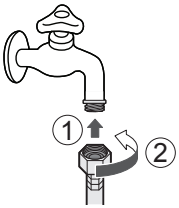
8



9



10

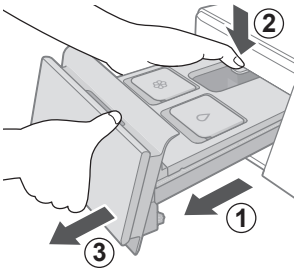


Perawatan (lanjutan)

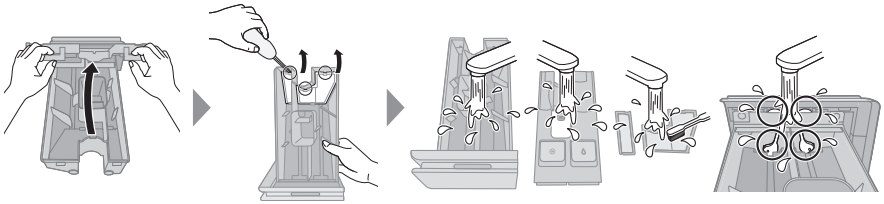
Laci deterjen

Setiap 3 bulan sekali	Saat mengganti merek deterjen atau pelembut	Bila tidak digunakan lebih dari 1 bulan	Ketika jendela tidak berubah warna saat digunakan

1 Keluarkan laci deterjen.



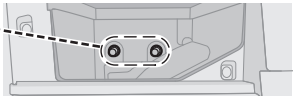
2 Buka tutup laci, lepas 2 filter, lalu cuci dengan air



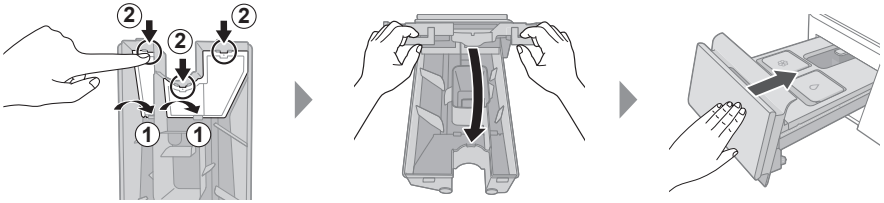
Buka tutup laci | Lepas filter | Cuci dengan air | Cuci posisi yang dilingkari untuk membersihkan jendela

CATATAN

- Jangan menggunakan kembali sisa deterjen dan pelembut.
- Jangan membersihkan sambungan. (penyebab penyumbatan)

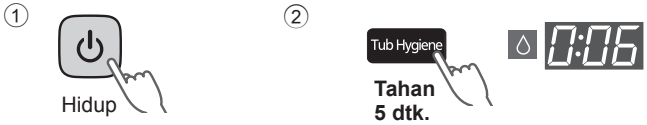


3 Pasang filter, tutup dan pasang laci.

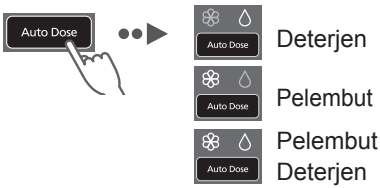


4

- Isi tangki sekitar setengahnya dengan air, lalu tutup sepenuhnya.
- Tutup pintu mesin cuci dan jalankan fungsi “Auto Dose Tank Clean (Pembersihan tangki dosis otomatis)” untuk membersihkan (perawatan 6 menit).



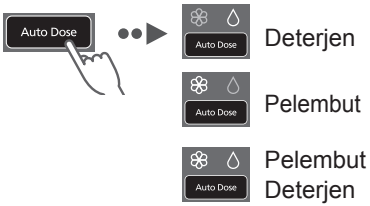
③ Pilih tangki yang akan dibersihkan



④

- Jika sambungan tersumbat, jalankan fungsi “Auto Dose Tank Clean (Pembersihan tangki dosis otomatis)” untuk pembersihan dalam (perawatan 47 menit).

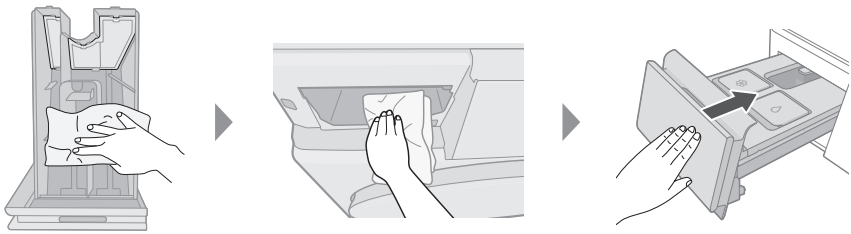
④ Pilih tangki yang akan dibersihkan



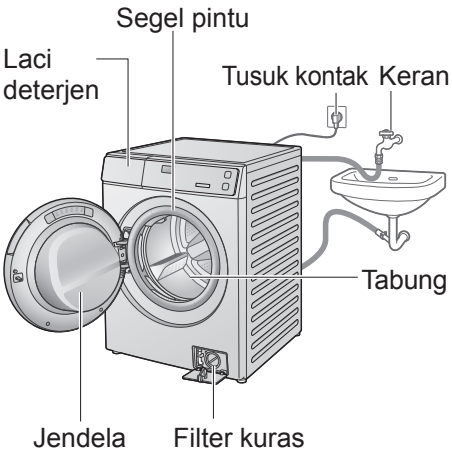
⑤

5

Keuarkan laci, buang sisa air dan lap airnya, lalu pasang laci.

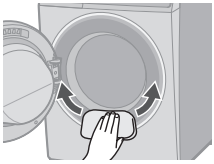


Perawatan (lanjutan)



Mesin

Segel pintu



Untuk kekotoran berat

CATATAN

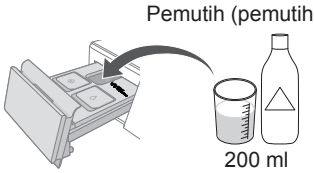
- Jangan gunakan pembersih berpasir atau tiner, atau produk yang mengandung alkohol atau minyak parafin.

Tabung

Sekali sebulan atau jika lampu berkedip <Tub Hygiene (Kebersihan Tabung)>

1

2

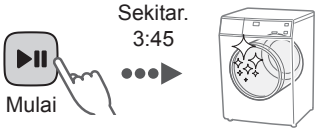


3

Tidak ada pakaian

4

5



CATATAN

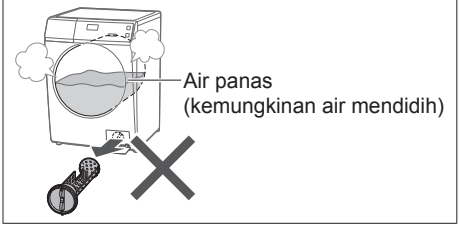
- Jika program “Tub Hygiene (Kebersihan Tabung)” tidak dijalankan, indikator akan mati saat program lain dijalankan 3 kali.

Filter kuras

Sekali sebulan

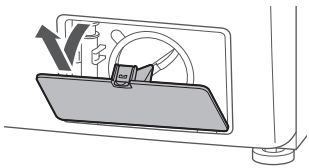
Pastikan untuk menguras air di dalam tabung sebelum prosedur ini.

⚠ PERHATIAN



1

2



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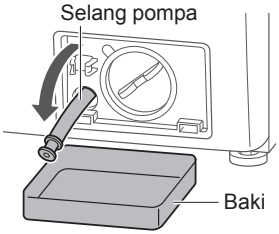

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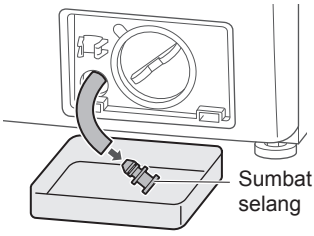

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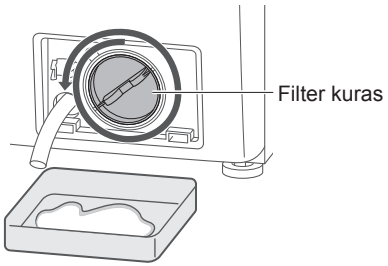
6



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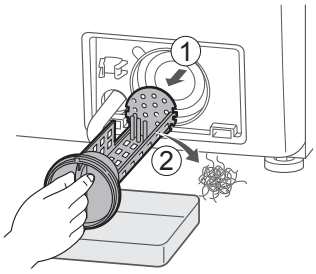
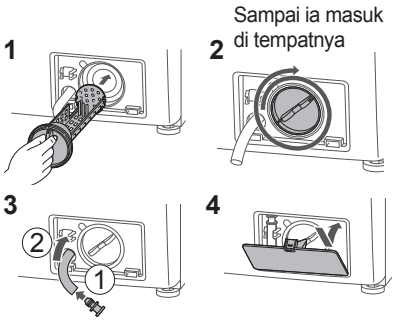
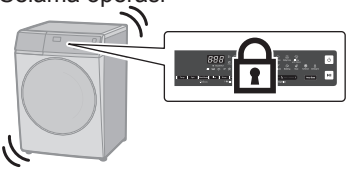
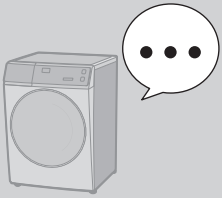
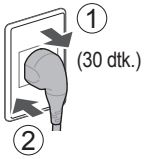
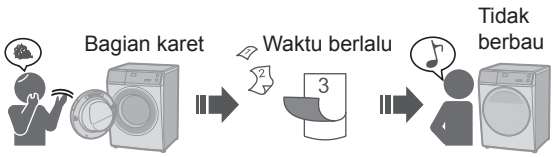


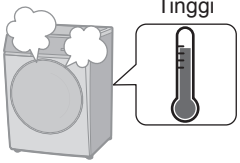
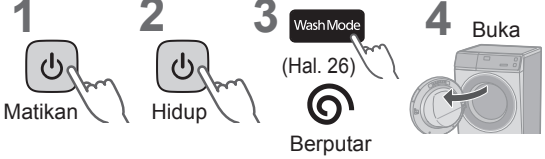
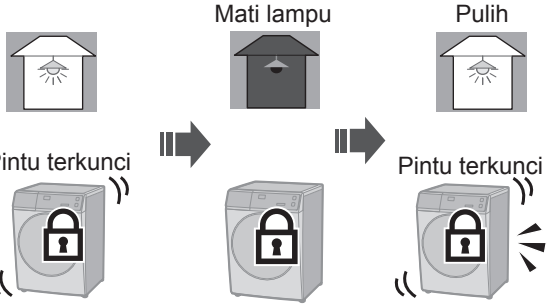
8 **Mengganti**



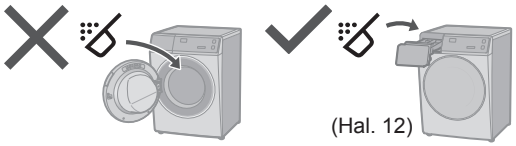
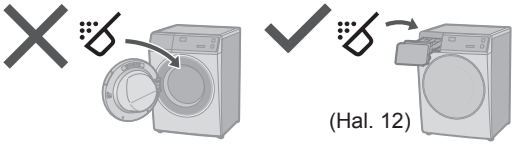
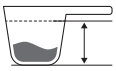
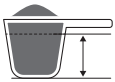
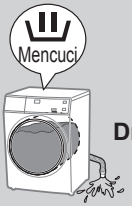
Perbaikan Gangguan

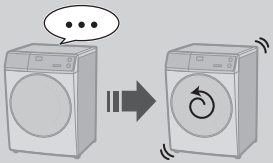
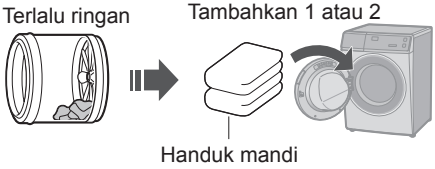
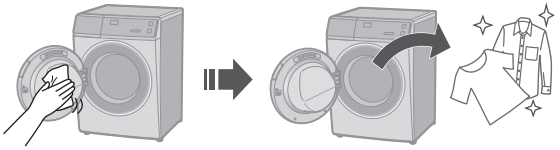
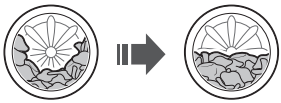
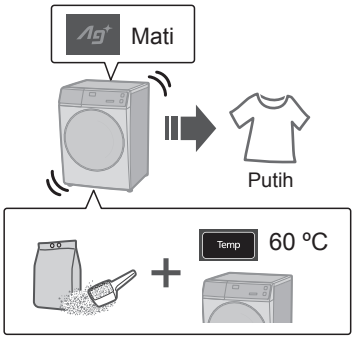
Unit Utama

Gejala	Poin-poin untuk pemeriksaan
Sentuh tombolnya Tidak ada reaksi 	☐Kemungkinan penyebabnya ● Selama operasi  ☐Coba ● Child Lock (Kunci Pengaman Anak) (Hal. 32) (Mati)
Tidak ada operasi 	☐Periksa ● Mati lampu ● Waktu ☐Coba ● Tutup pintunya. ● Menghidupkan. ● Lepaskan dan masukkan lagi  (30 dtk.) ● Tekan “Start (Mulai)”. ● Menghidupkan breaker alat.
Bau Karet 	☐Kemungkinan penyebabnya  Bagian karet Waktu berlalu Tidak berbau ☐Coba Tub Hygiene (Kebersihan Tabung) (Hal. 36)

	Gejala	Poin-poin untuk pemeriksaan
Unit Utama	**Pintu tidak bisa dibuka**	☐Kemungkinan penyebabnya ● Selama operasi (mencuci atau pengeringan) Pintu terkunci. Untuk membuka pintu: • mencuci (Hal. 16) • pengeringan (Hal. 31) ☐Periksa ● Suhu  Tinggi ● Ketingian air Tinggi ☐Coba ● Child Lock (Kunci Pengaman Anak) (Hal. 32) ● Selama operasi  1 Matikan 2 Hidup 3 Wash Mode (Hal. 26) Berputar 4 Buka CATATAN  Mati lampu Pulih Pintu terkunci Pintu terkunci

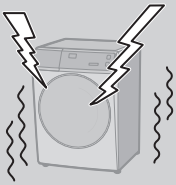
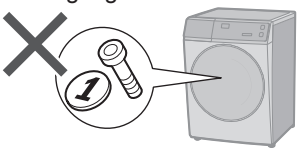
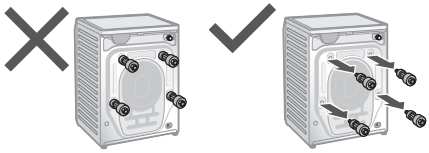
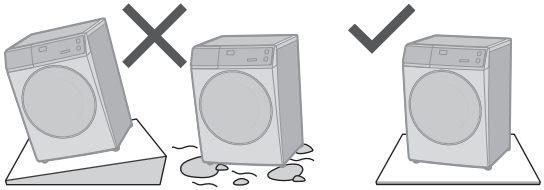
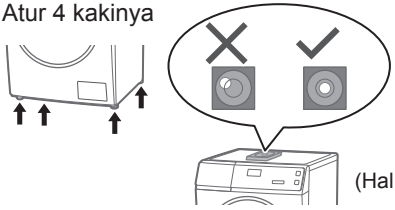
Perbaikan Gangguan (lanjutan)

	Gejala	Poin-poin untuk pemeriksaan
Deterjen dan busa	**Setelah mencuci**	☐Periksa 
		☐Kemungkinan penyebabnya ● Jumlah busa berbeda ● Suhu ● Ketingian air ● Kelembutan air
	Tidak cukup	☐Periksa ● Bubuk deterjen  ● Deterjen terlalu sedikit atau pengaturan deterjen terlalu sedikit pada fungsi “Auto Dose (Dosis Otomatis)”  ● Deterjen busa rendah ● Kekotoran Berat ● Muatan terlalu besar
	Terlalu banyak	☐Periksa ● Deterjen terlalu banyak atau menyetel terlalu banyak deterjen pada fungsi “Auto Dose (Dosis Otomatis)” 
Mencuci	Selama pencucian  **Drainase air**	☐Kemungkinan penyebabnya

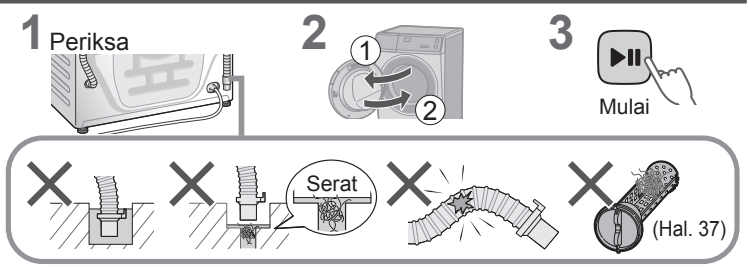
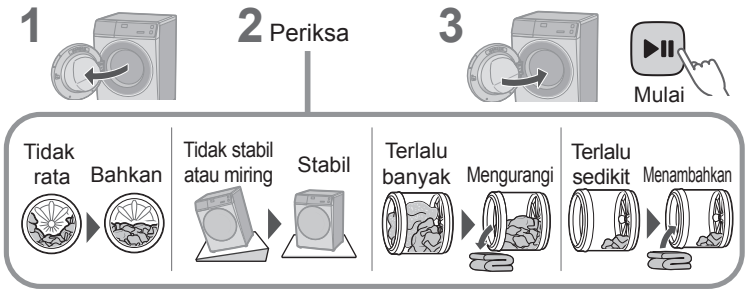
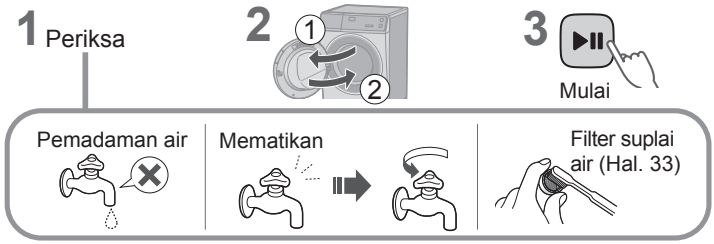
	Gejala	Poin-poin untuk pemeriksaan
Bilas/Berputar	Selama Proses Berputar  **Berhenti** **Perputaran beberapa kali**	☐Kemungkinan penyebabnya Tidak merata Koreksi otomatis Berhenti merata Koreksi otomatis ☐Coba  Terlalu ringan Tambahkan 1 atau 2 Handuk mandi
	Setelah mencuci **Busa atau air**	☐Coba  Menghapus
	Berputar berubah menjadi bilas Berputar Bilas	☐Kemungkinan penyebabnya ● Jika pakaian tidak merata, mesin cuci ini akan membenarkannya secara otomatis dengan proses bilas. 
Cucian	**Jika cucian menguning** Kuning	☐Coba  Mati Putih Temp 60 ºC

Perbaikan Gangguan (lanjutan)

	Gejala	Poin-poin untuk pemeriksaan
Waktu	**Selama mencuci** Waktu yang ditampilkan 0:57 ···▸ 0:59 Perubahan	☐Kemungkinan penyebabnya ● Waktu yang tersisa dibenarkan selama operasi. ● Jika pengaturan berubah ● Jika pakaian tidak merata ➡ Waktu yang tersisa mungkin bertambah.
	Waktu yang tersisa Tidak berkurang 0:57 ···▸ 0:57 **atau** Tiba-tiba berkurang 0:57 ···▸ 0:40	☐Kemungkinan penyebabnya Waktu yang ditampilkan adalah sebuah panduan.
Kebisingan	**Selama pengurasan air** 	☐Kemungkinan penyebabnya ● Ini normal. Pompa kuras sedang bekerja.
	Suara dari Kipas Berputar 	☐Kemungkinan penyebabnya ● Ini normal. Kipas sedang mendinginkan bagian elektrik.
	Motor mengeluarkan suara 	☐Kemungkinan penyebabnya ● Ini normal. Motor akan mengeluarkan suara pendek saat mesin cuci diaktifkan.

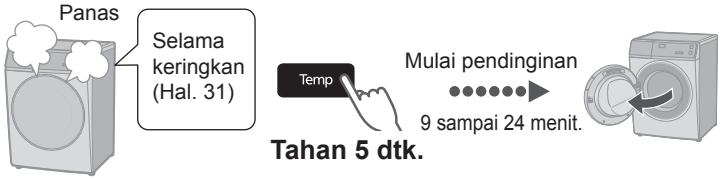
	Gejala	Poin-poin untuk pemeriksaan
Kebisingan	**Kebisingan yang tidak biasanya (atau getaran)** 	☐Periksa ● Barang logam  ● Baut pengunci (Hal. 48)  ● Kemiringan atau permukaan yang tidak stabil  ● Atur 4 kakinya  (Hal. 48)
Lainnya	Mati lampu Alat Mati 	☐Periksa ● Saat daya pulih, operasi berlanjut di mana ia berhenti. Hidup

Tampilan Pesan Kesalahan

Tampilan Pesan Kesalahan	Poin-poin untuk pemeriksaan
U11 **Tidak dapat mengeringkan**	
U12 **Pintu terbuka**	
U13 **Tidak dapat berputar / kering**	 <Dry Assist (Bantuan Pengeringan)>
U14 **Tidak dapat suplai air**	

Tampilan Pesan Kesalahan	Poin-poin untuk pemeriksaan
U 17 **Tidak dapat berputar**	**1** Memulai ulang **2** Jalankan Bilas dan Putar program “Active Speed 38 (Kecepatan Aktif 38)” ● Lain kali:
H□□	

■ Informasi

hot **Tidak dapat membuka**	

Pemasangan

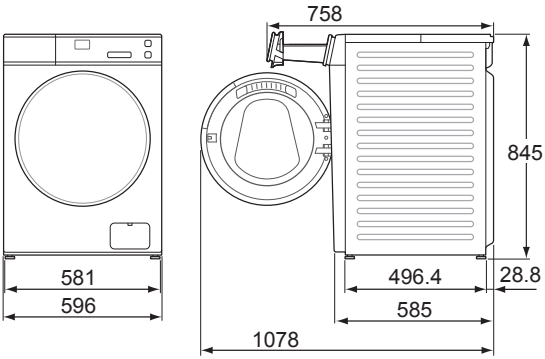
Memilih Lokasi yang Benar

Pastikan untuk bertanya kepada petugas servis untuk pemasangan.

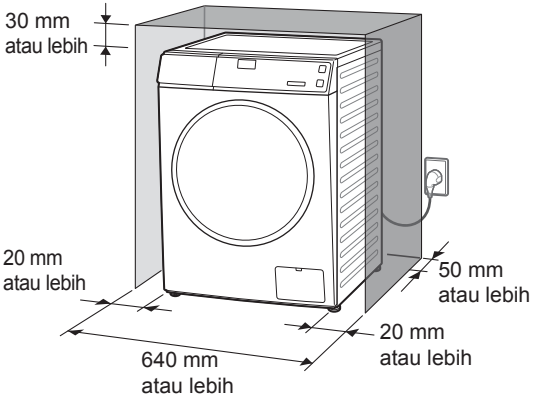
- Jangan memasang mesin sendiri.
- Ikuti metode pemasangan berikut ini. Jika tidak, Panasonic tidak akan bertanggung jawab atas kecelakaan atau kerusakan apa pun.

Dimensi Mesin

(mm)

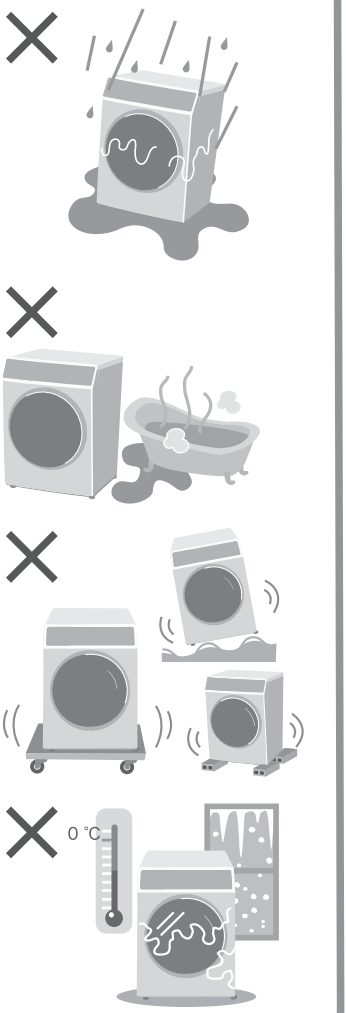


■ Mengatur Pemasangan



- Jangan biarkan bagian logam dari alat ini bersentuhan dengan wastafel logam atau peralatan lainnya.

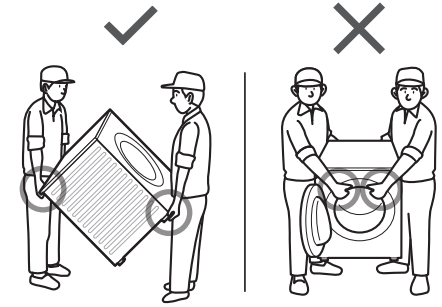
Periksa Lokasi.

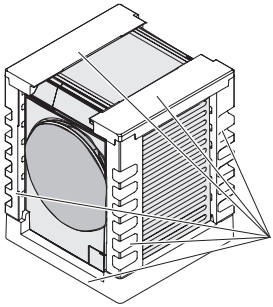


Pemindahan dan Pemasangan

Membawa mesin cuci

Jangan lakukan sendiri.

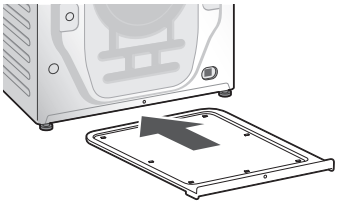




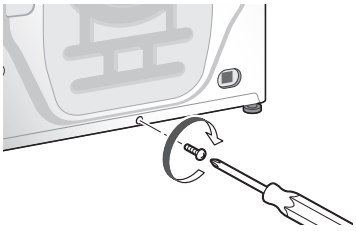
Lepaskan semua bantalan kemasan sebelum mulai menggunakan alat.

Pemasangan penutuh bawah

1



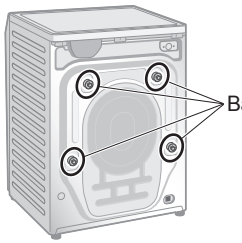
2

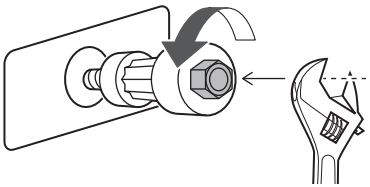


Pemindahan dan Pemasangan (lanjutan)

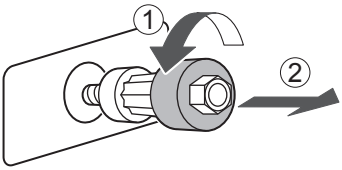
Melepaskan baut pengunci

1





2



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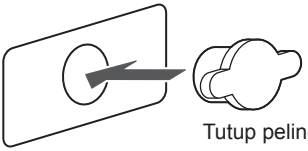
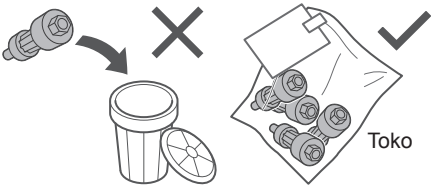
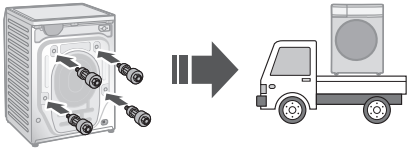


CATATAN

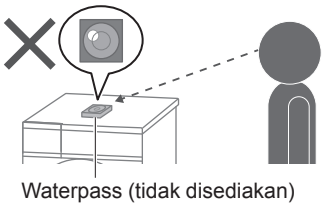


■ **Memindahkan mesin lagi**



Penempatan mesin cuci

1



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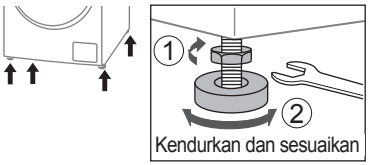

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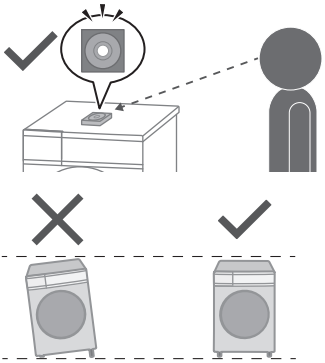

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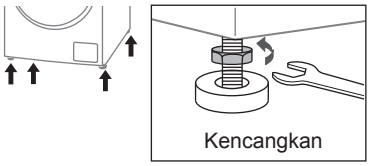
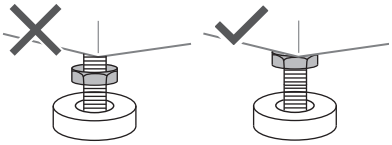


CATATAN



Pemasangan

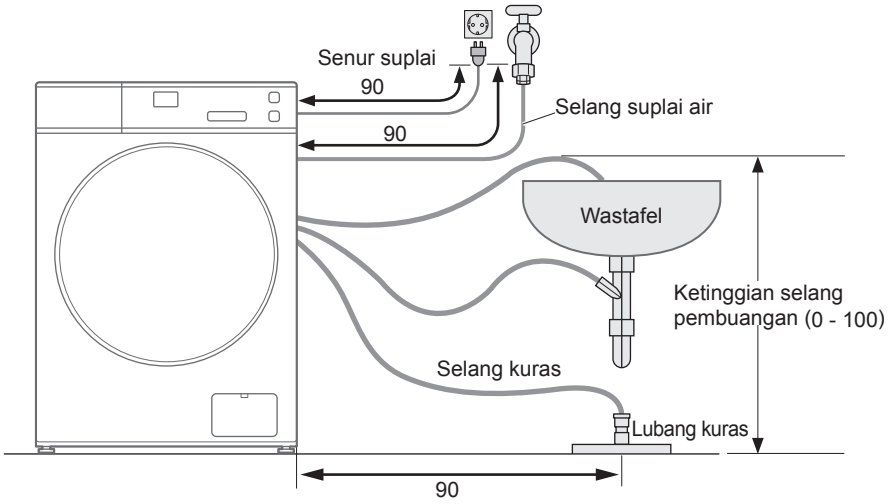
Menghubungkan Selang

Sambungkan selang dengan benar untuk mencegah kebocoran air.

Jarak sambung maksimum untuk selang dan senur suplai

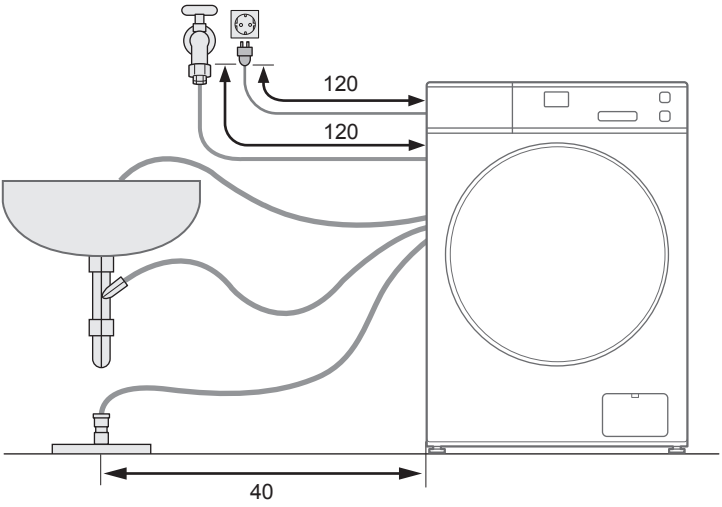
Sambungan sisi kanan

(cm)



Sambungan sisi kiri

(cm)



Pemasangan **Menghubungkan Selang** (lanjutan)

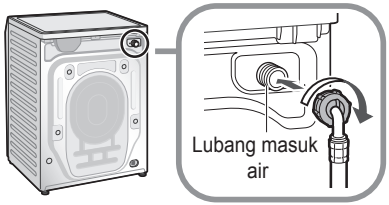
Selang suplai air

■ **Menghubungkan selang suplai air**

⚠ PERHATIAN

- Kencangkan mur dengan erat.
- Jangan memuntir, menindih, memodifikasi atau memotong selang.

1



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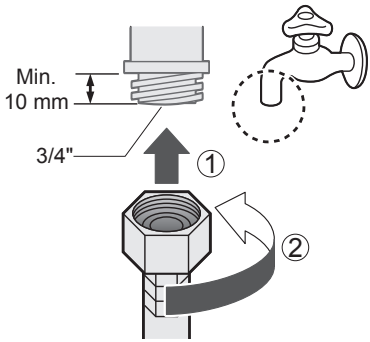

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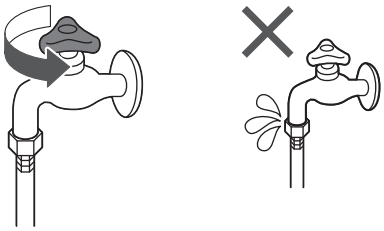
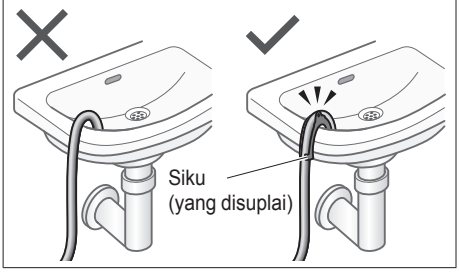


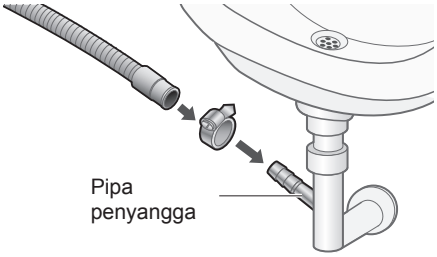
Selang kuras

■ **Menguras ke wastafel atau baskom**

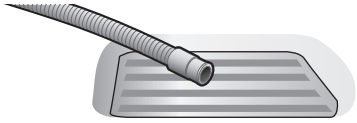
MEMPERHATIKAN



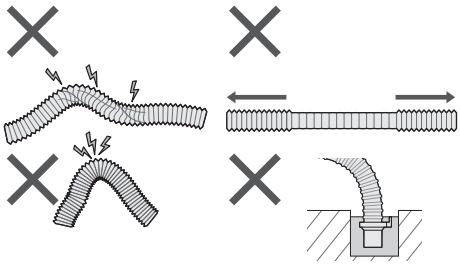
■ **Menguras ke pipa penyangga**



■ **Menguras ke lubang pembuangan**



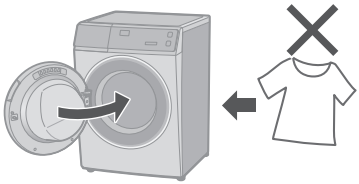
CATATAN



Uji Coba

1

2



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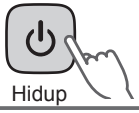
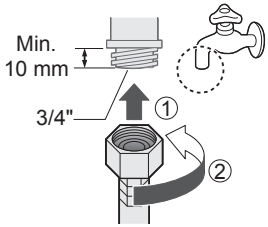
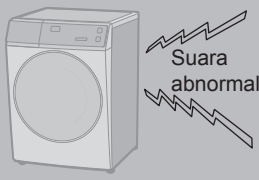
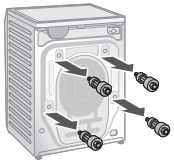
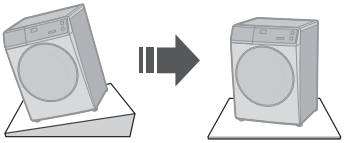


4

Active Speed 38
(Kecepatan Aktif 38)

5

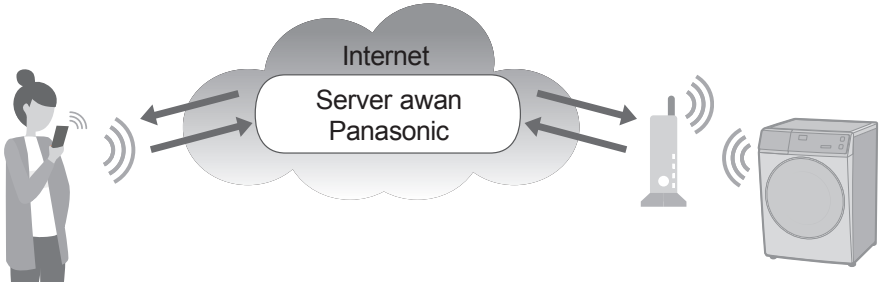
Periksa setelah uji coba

Masalah	Penyebab dan Penanggulangan
Kebocoran air 	Hubungkan selang suplai air dengan benar 
	● Melepaskan baut pengunci (Hal. 48)  ● Pasang dengan stabil 
Tampilan pesan kesalahan 	Lihat Hal. 44.

Panasonic SmartApp+

Lebih nyaman dengan *smartphone* Anda

Anda dapat memakai layanan dengan menggunakan “Panasonic SmartApp+”.



Anda dapat mengoperasikan mesin cuci atau setel waktu dengan aplikasi.

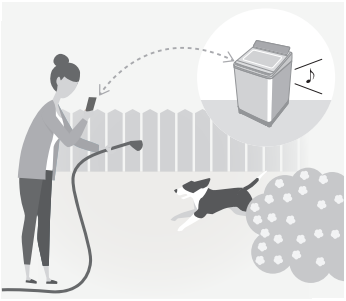
Dukung pemilihan program dari riwayat program.

Kami mempunyai program “Favorit Saya”. Anda dapat menciptakan program asli dengan pengaturan favorit Anda.

- Hingga 10 program.

Notifikasi dari status pencucian dan akhir dari operasi.

Pakaian dapat dikeluarkan segera setelah pencucian.



- Daftar isi, fungsi dan desain dari layanan ini dapat berubah sewaktu-waktu atau dihentikan tanpa pemberitahuan sebelumnya.

Memerlukan Peralatan dan Lingkungan

Mari periksa peralatan yang diperlukan untuk menggunakan aplikasi.

■ *Smartphone* Android atau iOS (iPhone)

- Tentang OS yang didukung

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

Situs Web Panasonic

■ Lingkungan Internet

Mohon konfirmasi bahwa ini adalah jaringan broadband.

Contohnya) FTTH (serat optik), ADSL, CATV (televisi kabel), dll.

Biaya sangbungan internet akan ditanggung oleh pelanggan.

■ *Router wireless LAN*

Gunakan *router wireless LAN* untuk terhubung ke internet.

CATATAN

- Pastikan bahwa *router wireless LAN* mempunyai sambungan standard dari 2.4 GHz band. (Sambungan standards: IEEE802.11b, IEEE802.11g, IEEE802.11n)
  Lain dari yang tertera di atas tidak dapat digunakan.
- Model yang hanya didukung WEP tidak dapat digunakan.
- Sebagai langkah keamanan, pastikan untuk menggunakan *router wireless LAN* yang dapat disetel dengan metode enkripsi WPA3, WPA2, atau WPA.
- Kami menyarankan metode enkripsi WPA3 dan WPA2 (AES).
- Kami tidak menjamin operasi dari semua *router wireless LAN*. (*router* seluler tidak dijamin bekerja.)

Panasonic SmartApp+ (lanjutan)

Pengaturan Awal

Ikuti pengaturan pada layar aplikasi.

1 Pasang “Panasonic SmartApp+” (gratis)

- Anda dapat menemukan tautan untuk pengunduhan aplikasi dari “Situs Web Panasonic”.

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

  Situs Web Panasonic

- Alternatifnya, Anda dapat mencari aplikasi “Panasonic SmartApp+” di Google Play (Android) atau App Store (iOS) dan pasang aplikasinya.
- Anda juga dapat memindai tautan untuk memasang aplikasi dari kode QR yang ditempel pada mesin cuci.

2 Ikuti instruksi yang ditampilkan pada layar aplikasi dan daftarkan mesin cuci.

- Operasikan pada posisi di mana Anda dapat memeriksa tampilan mesin cuci.
- Ia tidak dapat dioperasikan saat mesin cuci sedang berjalan.

Gunakan aplikasi (Hal. 55)

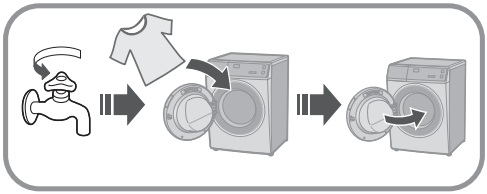
Menggunakan “Panasonic SmartApp+”

Setelah pengaturan awal selesai, Anda dapat menggunakan aplikasinya.

Bersiap untuk menggunakan “Remote (Kendali jarak jauh)”

Anda perlu mempersiapkan mesin cuci sebelum keluar.

1



CATATAN

- Tutup pintu sepenuhnya.

2

Hidup

Menyala
(Hidup)

Memeriksa pengaturan “Auto Dose (Dosis Otomatis)” (Hal. 11, 14)

atau

3

Tahan 5 dtk.

Sekitar. 2 dtk.

Setelah 10 menit. ●●●●●▶

Semua lampu indikasi dimatikan, kecuali:

CATATAN

- Untuk membatalkan mode kendali jarak jauh dan membuka pintu → matikan daya.
- Ketika tidak ada kendali jarak jauh dari aplikasi, mode kendali jarak jauh akan dibebaskan setelah 23 jam. Selama mode kendali jarak jauh, semua tombol pada peralatan (kecuali ⏻) dinonaktifkan. Anda hanya dapat mengendalikan mesin cuci dari aplikasi. Setelah 23 jam, layar normal ditampilkan dan kendali jarak jauh dinonaktifkan.

Untuk memeriksa status sambungan dengan lampu pada panel kontrol.

Menyala	Tersambung (terhubung)
Berkedip	Mencoba untuk tersambung (Menghubungkan ke server)
Mati	Tidak terhubung

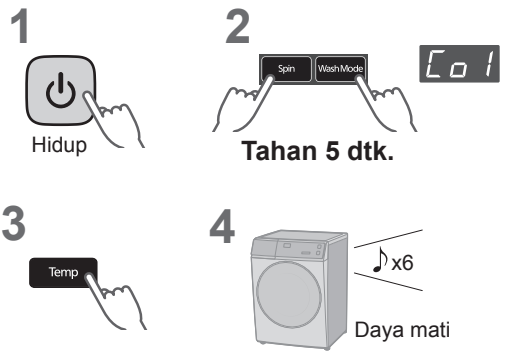
■ Posisi lampu

Panasonic SmartApp+ (lanjutan)

Inisialisasi

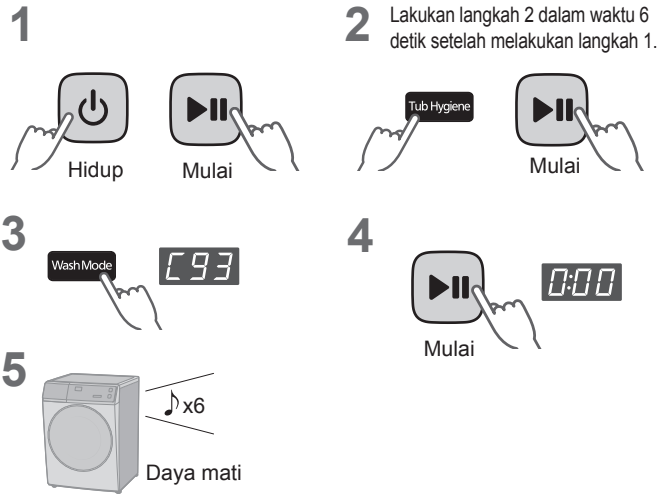
- Ketika Anda berhenti menggunakan “Panasonic SmartApp+”
- Penggunaan yang dicurigai karena akses yang tidak sah
- Jika peralatan adalah mesin bekas

Setel ulang pengaturan *wireless LAN* ke pengaturan bawaan.
(Operasikan pada mesin cuci)
Anda juga seharusnya berhenti menggunakan layanan aplikasi.

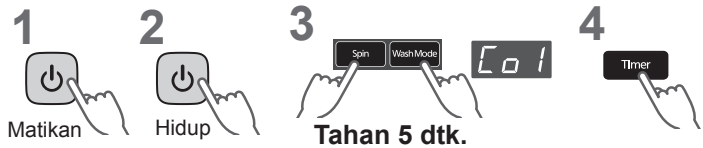


Ketika Anda membuang atau memindahkan mesin cuci

Setel ulang semua konten seperti pengaturan *wireless LAN* nirkabel, pengaturan mesin cuci, riwayat pengoperasian, dll. ke keadaan saat pembelian. Kode QR berada di balik pintu perangkat tidak dapat digunakan untuk registrasi selanjutnya.
(Inisialisasi penuh)
(Operasikan pada mesin cuci)



Tampilan Pesan Kesalahan

Tampilan pesan kesalahan	Penyebab dan Penanggulangan
U81	● Gagal menghubungkan mesin cuci dan *router wireless LAN*. Periksa hal berikut ini. • Router tidak dihidupkan. → Hidupkan daya. • Jarak antara *router* dan mesin cuci terlalu jauh.→ dekatkan router. • Ada perangkat yang menggunakan gelombang radio, seperti tungku gelombang mikro, disekitar. →Jaga jarak. →Berhenti menggunakan perangkat atau tunggu sebentar dan coba lagi. • Banyak perangkat yang terhubung ke *router*. →Matikan daya dari perangkat yang tidak Anda gunakan.
U82	● Kesalahan sambungan dengan server. ● Ada masalah dengan koneksi internet Anda. →Jika Anda tidak tahu penyebabnya, Hubungi penyedia, pembawa atau pembuat *router* Anda.
U83	● Pada “Backup connection (Koneksi cadangan)”, SSID atau kata sandi router tidak benar. →Periksa deskripsi *router*. ● Gagal menghubungkan mesin cuci dan *router*. →Periksa “U81”di atas.
U84	● “Scan connection (Koneksi pindaian)” gagal. Periksa hal berikut ini. • Pengaturan Bluetooth® pada *smartphone* Anda mati. • Kode QR tidak dapat dibaca dengan benar. →Pastikan bahwa pengaturan Bluetooth® Hidup, dan kemudian hubungkan lagi. Jika Anda tetap tidak bisa terhubung, mohon coba “Backup connection (Koneksi cadangan)”.
Aplikasi menampilkan kata seperti “Tidak dapat tersambung dengan mesin cuci.”	● Sambungkan lagi setelah beberapa saat, atau periksa status koneksi dengan metode berikut.  →Jika “U81”, “U82”, dll. ditampilkan, menandakan kesalahan pada koneksi. Periksa yang tertera di atas.

Panasonic SmartApp+ (lanjutan)

Penggunaan untuk *wireless LAN*/Bluetooth®

■ Pembatasan penggunaan

Mohon dicatat bahwa ada pembatasan sebagai berikut pada penggunaan. Panasonic tidak bertanggung jawab untuk segala kerusakan insidental akibat dari kegagalan untuk mematuhi pembatasan dan penggunaan atau ketidakmampuan menggunakan mesin.

- Jangan menghubungkan pada jaringan *wireless* yang tidak diizinkan untuk Anda gunakan.
  Sebuah jaringan *wireless* (SSID*) yang tidak diizinkan untuk Anda gunakan mungkin akan ditampilkan saat pencarian lingkungan jaringan *wireless*, namun jika Anda menyambungkannya, jaringan tersebut dapat dianggap sebagai akses yang tidak sah.
- Jangan gunakan di tempat yang menghasilkan medan magnet, listrik statis, atau gangguan radio.
  Jika Anda menggunakannya dekat perangkat berikut, sambungan mungkin terganggu atau kecepatan mungkin melambat.
  - Tungku gelombang mikro
  - Perangkat *wireless LAN* / Bluetooth® lainnya
  - Perangkat lain yang menggunakan gelombang radio di 2,4 GHz band (telepon nirkabel digital, perangkat audio *wireless*, konsol permainan, periferal PC, dll.)
  - Benda logam yang mudah memantulkan gelombang radio

* Nama yang digunakan untuk identifikasi jaringan tertentu pada *wireless LAN*. Jika SSID ini cocok dengan kedua perangkat, maka sambungan mungkin terjadi.

■ Langkah keamanan

- Karena *wireless LAN* menggunakan gelombang radio untuk mengirim dan menerima data, maka terdapat risiko dari akses tidak sah. Ambil langkah keamanan untuk memastikan keamanan dari data Anda. (Hal. 53) Mohon dicatat bahwa kami tidak bertanggung jawab untuk segala masalah yang timbul tanpa mengambil langkah keamanan.
- Untuk kata sandi (kunci enkripsi) *router wireless LAN*, mengacu pada buku instruksi dari *router wireless LAN* dan setel dengan pertimbangan keamanan.

■ Tentang *firmware*

- Mesin ini mempunyai fungsi untuk terhubung ke server pembaruan *firmware* kami melalui internet dan melakukan pembaruan otomatis pada *firmware* nya sendiri keversi terbaru. Karena sambungan *wireless* sementara terganggu selama pembaruan, sambungan mungkin terganggu atau kecepatan melambat.
- Jangan menganalisis atau memodifikasi *firmware*.

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Panasonic SmartApp+ (lanjutan)

Hak Cipta, dll. (lanjutan)

(26) Mike Barcroft

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iconv (Charset Conversion Library) v2.0

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easy-ecc

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Spesifikasi

		NA-V115FW1
Tegangan listrik (V)		220 - 240
Frekuensi sumber listrik (Hz)		50
Masukan daya (W)		1600 - 1900
Masukkan daya elemen pemanas (W)	Untuk mencuci	1445 - 1710
	Untuk mengeringkan	300 - 350
Kecepatan putaran maksimum (r/menit)		1400
Dimensi produk (L x P x T) (mm)		596 × 585 × 845
Berat produk (kg)		69
Berat maksimum kain kering (Mencuci) (kg)		11,5
Berat maksimum kain kering (Pengeringan) (kg)		2,0
Tekanan air keran (MPa)		0,01 - 1

Diimpor oleh:
PT Panasonic Gobel Indonesia
JI.Dewi Sartika No.14 (Cawang II),
Jakarta, 13630, Indonesia

Pusat Pelayanan Pelanggan:
Contact Center
Telp. 0804-1-111-111
E-mail: ccc@id.panasonic.com
Website: www.panasonic.com/id

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Dicetak di Vietnam
08-2024

Panasonic®

Operating & Installation Instructions

Washing Machine (Household Use)

Model No. NA-V115FW1

No. Reg. : IMKG.1388.07.2024

It is essential to read these instructions.

EN

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

Contents

This washing machine has "Dry Assist" function (P. 30).

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AWW9901CG4C0-0C0

Safety Precautions

⚠ WARNING

May cause serious injury or death

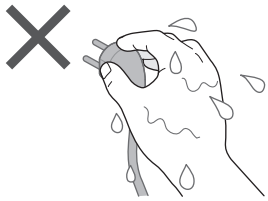
Children must not use it alone.

- 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.

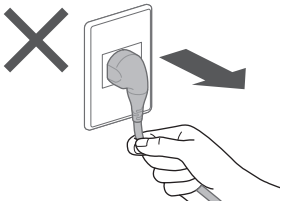
Setting the Child Lock. (P. 32)

May cause fire or electric shock

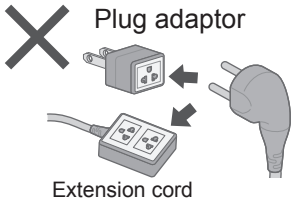
Do not touch it with wet hands.



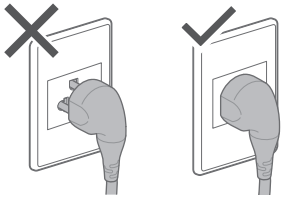
Do not hold or pull on the cord.



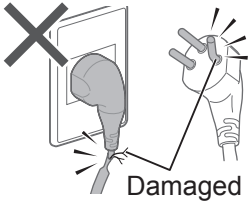
Do not use.



Fully insert it.

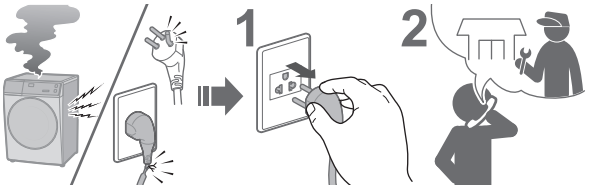


Do not use.

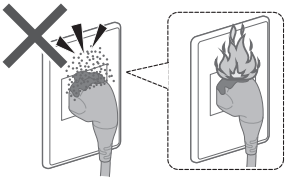


- **If the power cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.**

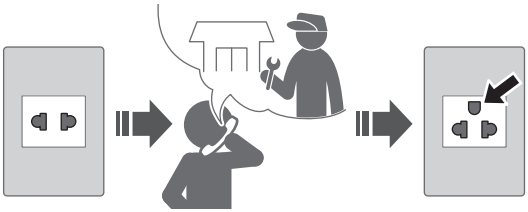
In case of failure or damaged power cord, stop use and ask the electrical technician.



Accumulated dust may cause fire.



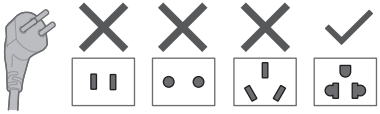
Securely insert the ground prong.
Ask the electrical technician for a new socket.



Wipe the power plug periodically.

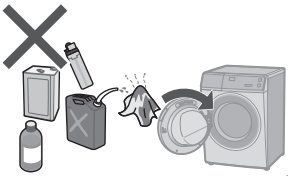
Use a socket appropriate for this appliance.

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)

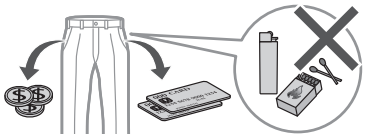
⚠ WARNING

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.

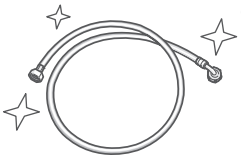
- Never stop the appliance before the end of the drying cycle unless all items are quickly removed and spread out so that the heat is dissipated.
- The appliance is not to be used if industrial chemicals have been used for cleaning.
- The appliance must not be supplied through an external switching device, 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.

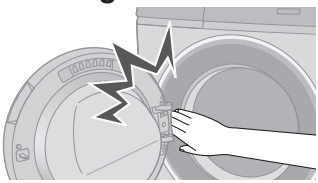
Use new hose-sets.



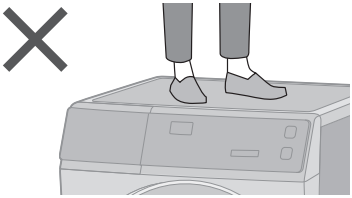
- New hose-sets supplied with the appliance are to be used and old hose-sets should not be reused.

May cause injury

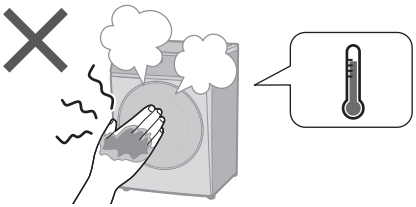
Be careful not to get your fingers caught.



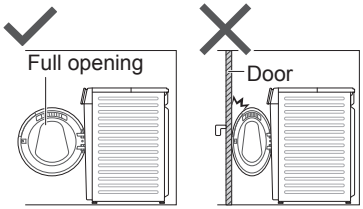
Do not climb on the appliance.



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.

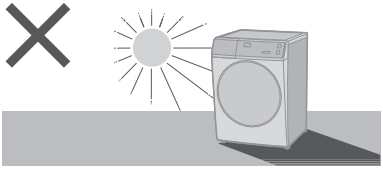
■ For maximum mass of dry cloth and pressure of tap water, see P. 71.

Safety Precautions (continued)

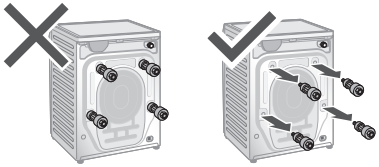
⚠ CAUTION

May cause failure

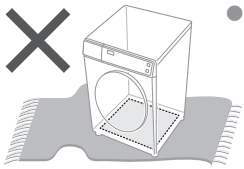
Keep away from heat and direct sunlight.



Remove anchor bolts before operation.

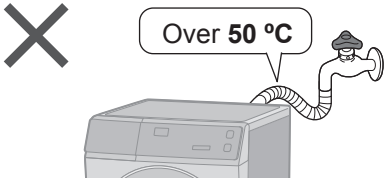


Do not obstruct.

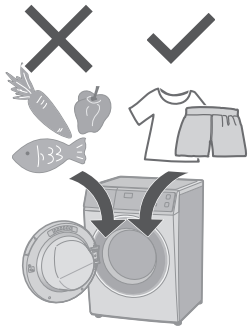


- Do not obstruct the openings of the bottom face with carpet, etc.

Do not use hot water.

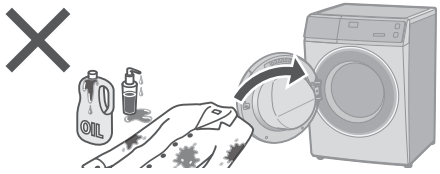


For machine-washable items only.

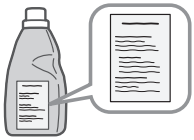


- This appliance is intended to be used in household.
  This appliance is not intended to be used in applications such as:
  - staff kitchen areas in shops, offices and other working environments;
  - farm houses;
  - by clients in hotels, motels and other residential type environments;
  - bed and breakfast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

Do not wash excessively oily clothes.



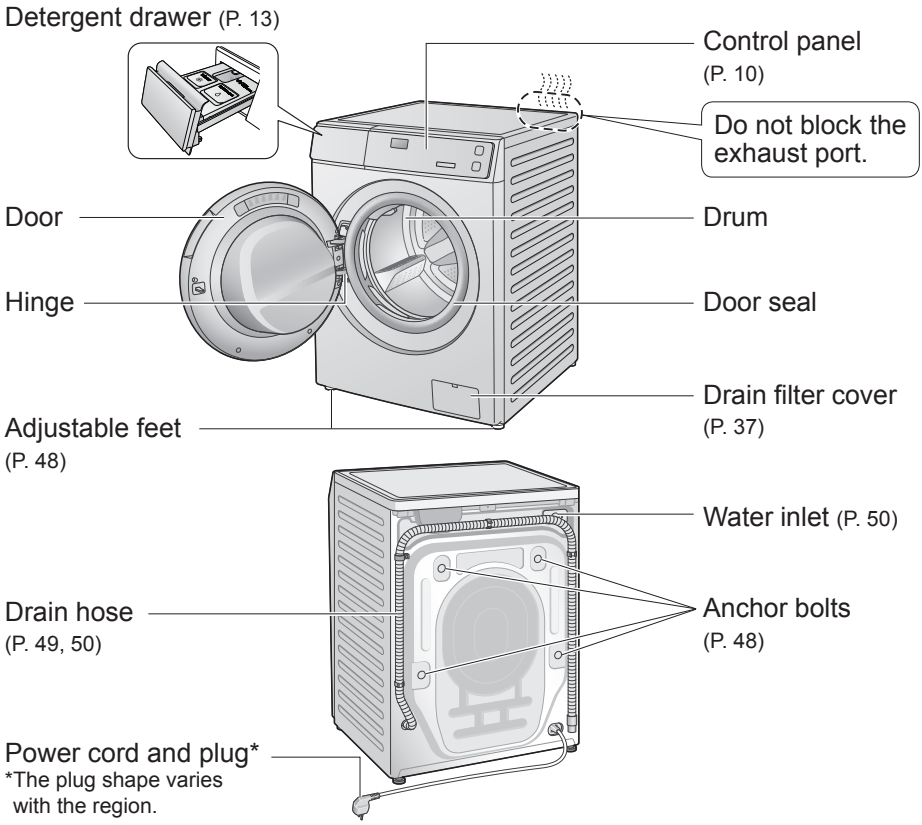
Follow the instructions.



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

Checking Your Appliance

Part names

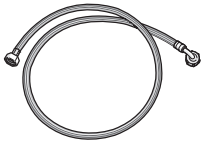


Accessories

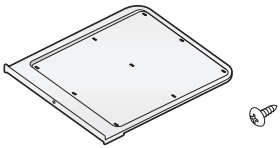
☐Elbow (1) (P. 50)

☐Cover caps (4) (P. 48)

☐Water supply hose (1) (P. 49, 50)



☐Bottom cover (1) / Screw (1) (P. 47)

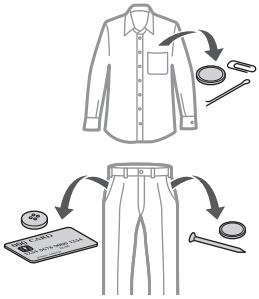


Before Washing/Drying

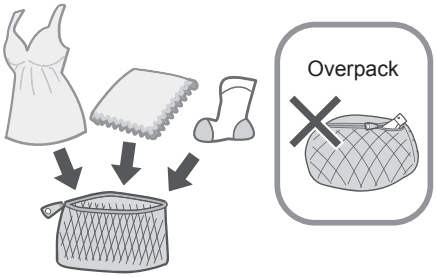
Preparing laundry

Before put clothes in drum

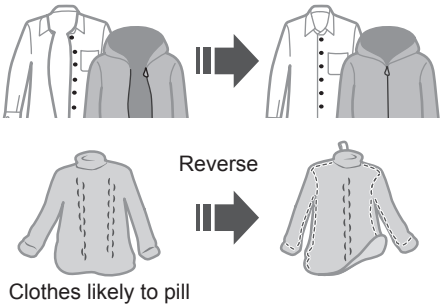
- Remove foreign objects.



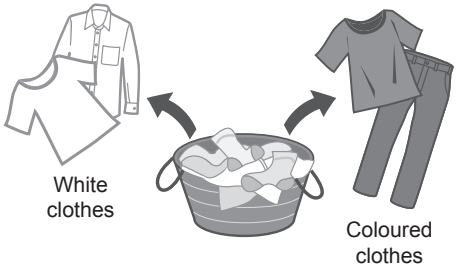
- Use laundry nets for delicates and small items.



Pre-laundry check



- Wash separately.



- Pretreat for heavily stains.

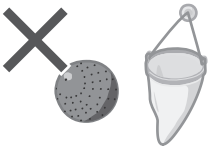
- Observe care labels.

Cannot wash or dry

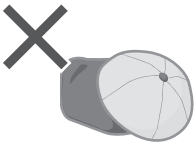
Cannot wash or dry

Leather / fur

Silk, rayon and cupro (Blended fabric)

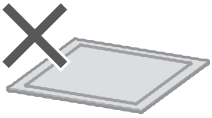


Commercially available washing aids



Cap with hard core materials

Cushion, Pillow, etc.



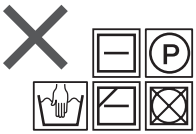
Urethane / rubber backed or thick mats

Paper diapers

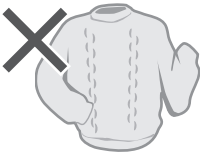
Others ...

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

Cannot dry

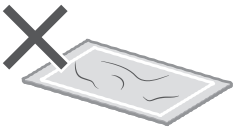


Any of the above marks

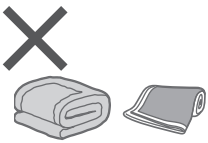


Woollen clothing

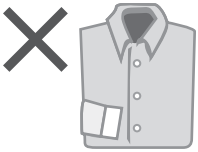
Tights or pantyhose



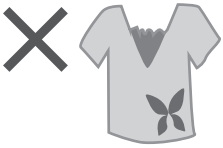
Mats and other items with hair of pets attached



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

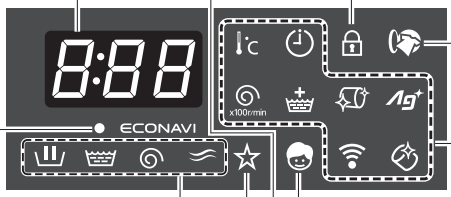
Error display (P. 44, 45, 57)

(e.g. U11)

Lock

The door is locked

The door and buttons are all locked (Child Lock) (P. 32)



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

Optional function lamp

- (P. 27)
- (P. 27)
- (P. 55)
- Water temperature
- (P. 36)
- (P. 29)
- (P. 28)
- Spin speed

ECONAVI lamp (P. 19)

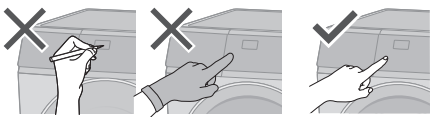
"My Favorite" program lamp (P. 52)

Process

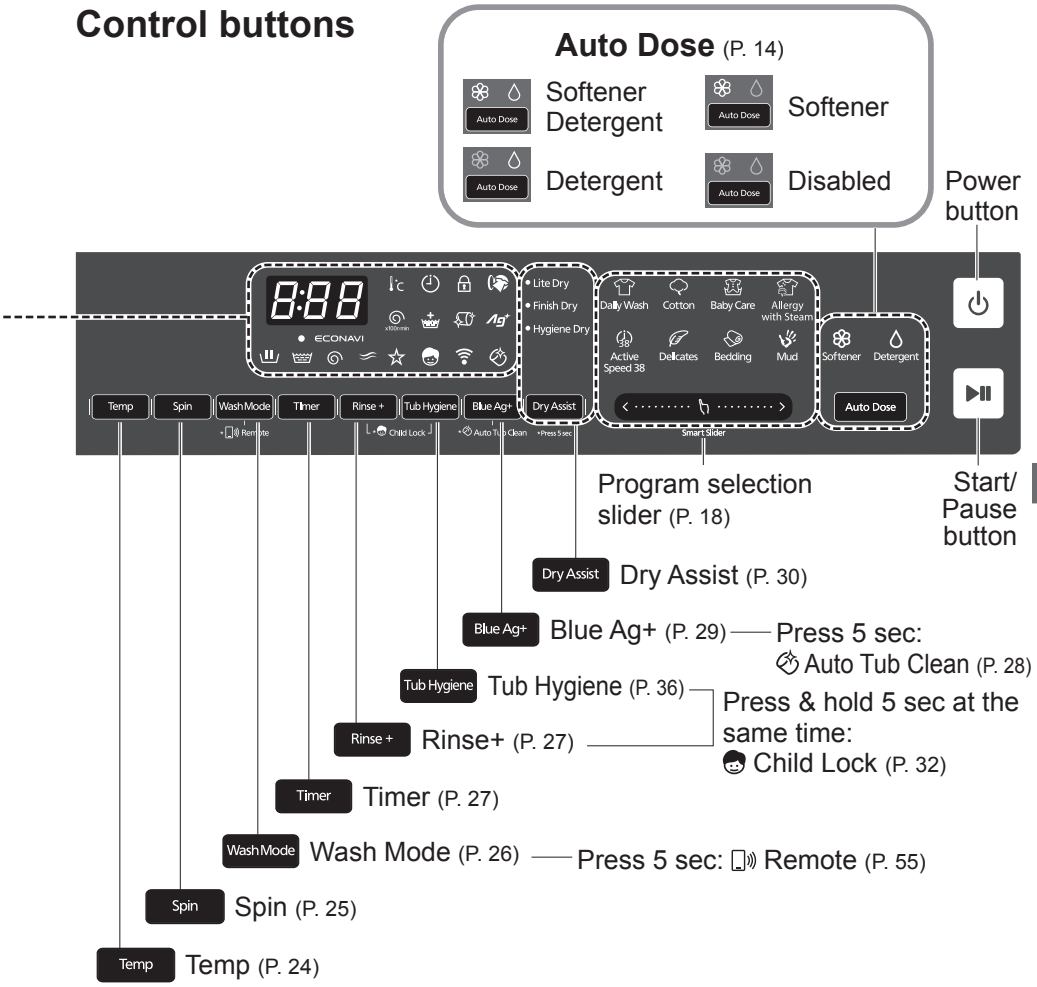
- Wash
- Rinse
- Spin
- Dry Assist

Touch operation

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

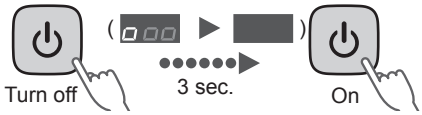


Control buttons



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)

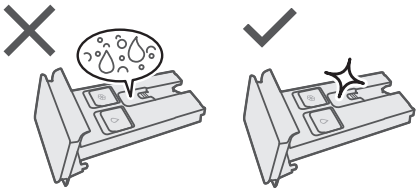
Detergent

- Follow the instructions on each package.

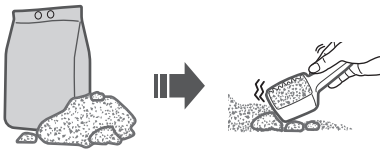
Detergent

Use a low foam detergent.

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



Wet Dry



Lumps Powder

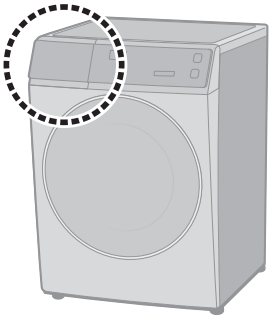
Bleach

Whiten bleach (chlorine bleach)

Manual Detergent tank

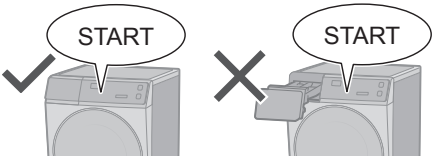
Powder detergent Liquid detergent

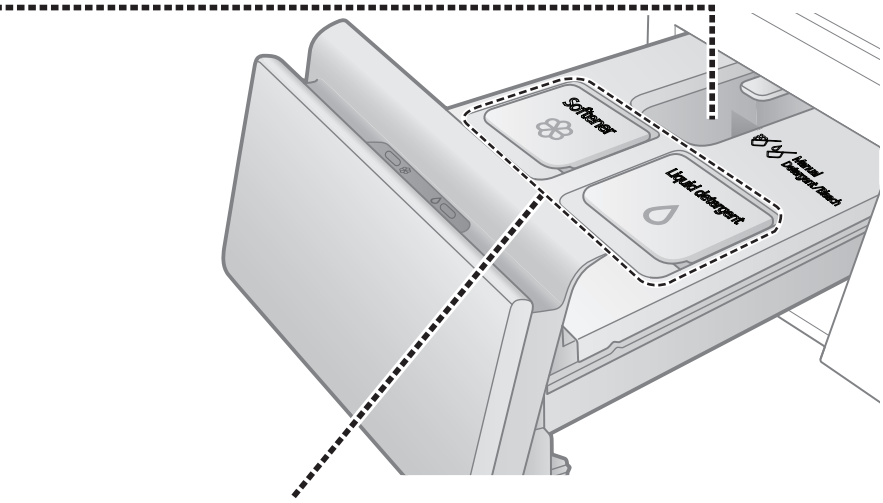
Bleach



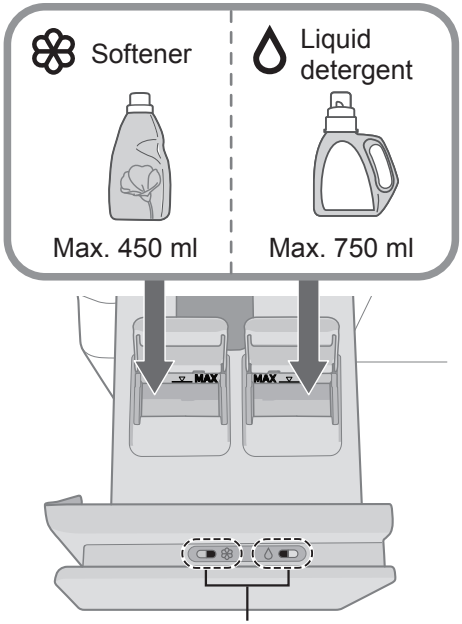
NOTE

- 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. 34)

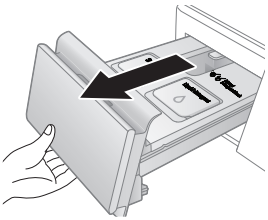
Do not use separated or solidified detergent/softener

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 Assist (Dry only)”.

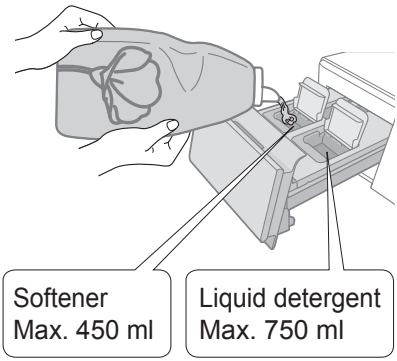
■ To supply detergent / softener

1



- Pull the drawer out.

2

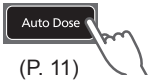


3 Close tank lid and push the drawer in completely

■ To set “Auto Dose” function

1

2



(P. 11)

(Default setting)

3

(The setting is memorized.)

■ Standard amount

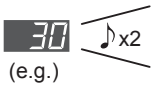
- Dry cloth: 4 kg
- Liquid detergent: 15 ml
- Softener: 30 ml

■ To change the dose amount

1

2

Hold 3 sec



(e.g.)

softener detergent

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

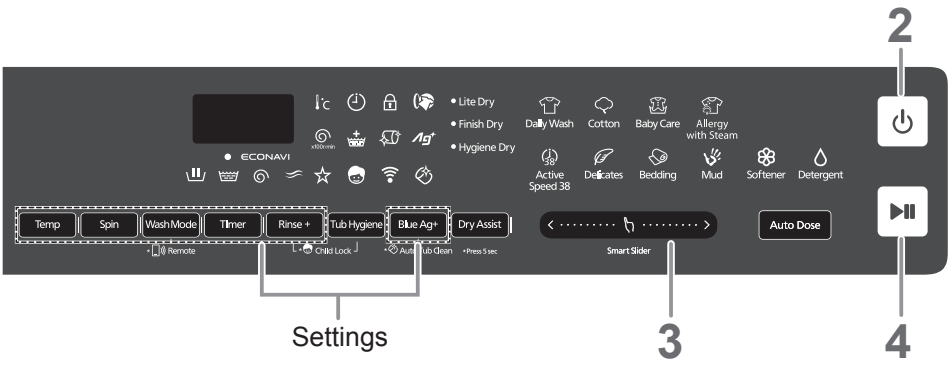
- If there is water in the tub before, detergent and softener will not be automatically supplied when washing.
- When the ambient temperature is low, operation time may be longer because the detergent/softener may solidify.

■ **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. 34) (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 44 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 • 15 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.

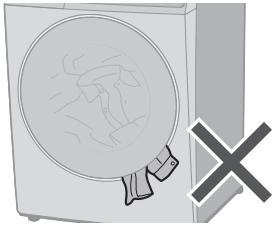
Washing

Basic Method



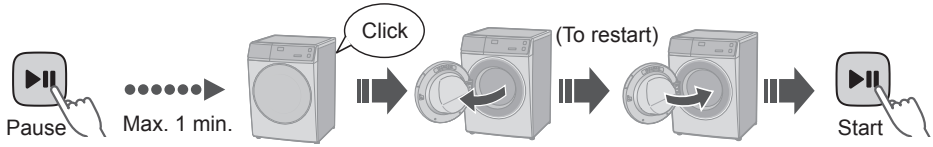
NOTE

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



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

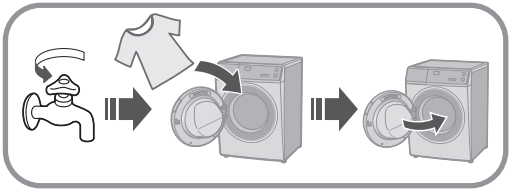
■ **To open the door during operation**
(You can add clothes when lit.)



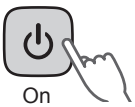
NOTE

- Door does not open ➠ (P. 39)

1

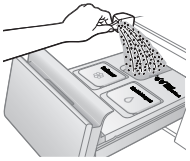


2



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. 36)	Blue Ag+ Blue Ag+; Auto Tub Clean (P. 28, 29)	

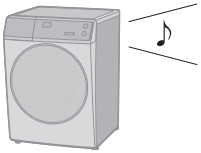
4

Measures the amount of laundry

(30 sec.)

Displays the time required (recalculated)

(e.g.)



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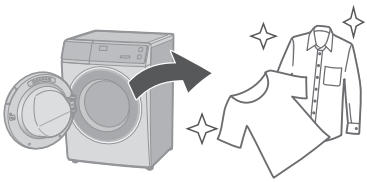


Program List

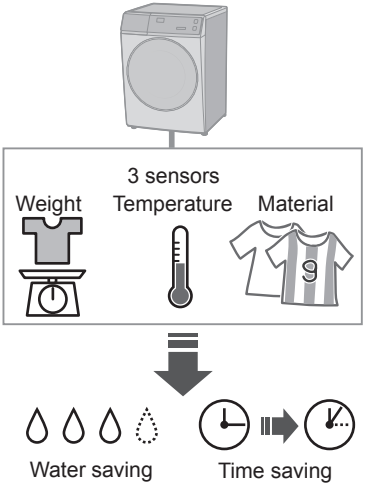
Program	Description	Max load (kg)	Total time
Daily Wash	● Everyday clothes	11.5	1:30
Cotton	● Everyday clothes with extra time (more water savings than “Daily Wash” program)	11.5	3:00
Baby Care	● Clothes for babies & sensitive skin Rinsing thoroughly	5.0	2:20
Allergy with Steam	● For mites	5.0	2:05
Tub Hygiene	● Cleaning the drum.	None	3:45

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

Program	Description	Max load (kg)	Total time
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)	
Daily Wash	40	1200	
Cotton	60	1400	
Baby Care	40	1400	
Allergy with Steam	60	1400	
Active Speed 38	40	1200	
Delicates	30	500	
Bedding	Cold	700	
Mud	40	1200	
Tub Hygiene	40	1200	

NOTE

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

Setting range		Optional functions				
Temp (°C)	Spin (r/min)	Wash Mode	Timer	Rinse+	Blue Ag+	Auto Tub Clean
Cold, 30, 40, 60	, 500, 700, 1200, 1400	✓	✓	✓	✓	✓
Cold, 30, 40, 60	, 500, 700, 1200, 1400	✓	✓	✓	✓	✓
Cold, 30, 40, 60	, 500, 700, 1200, 1400	✓	✓	✓	✓	✓
60	, 500, 700, 1200, 1400	–	✓	–	–	✓
Cold, 30, 40	, 500, 700, 1200, 1400	✓	✓	–	✓	✓
Cold, 30, 40	, 500	✓	–	✓	✓	–
Cold, 30	, 500, 700	✓	✓	✓	✓	–
40	, 500, 700, 1200, 1400	✓	✓	✓	✓	✓
40	1200	–	–	–	–	–

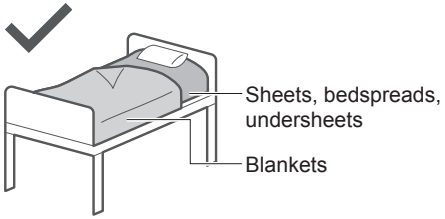
: Drain only (No spin)

Washing Tips

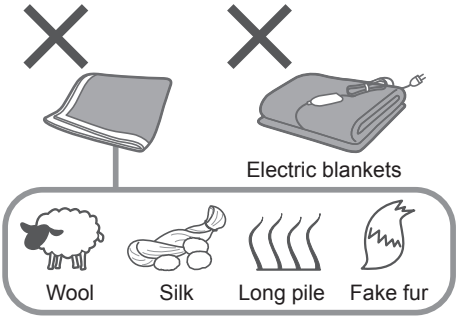
Bedding

■ Washable items

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



■ Not washable items



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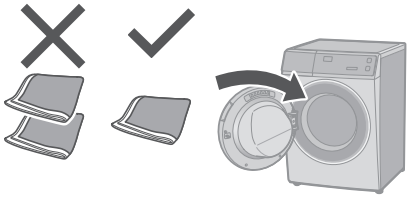
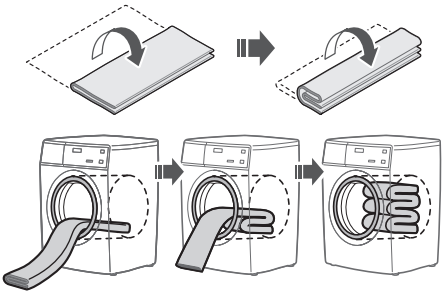


■ Putting blankets into the drum



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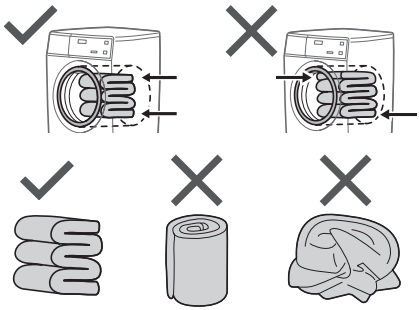


Delicates

■ When washing

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

NOTE

■ After operation ends

Changing Program Settings

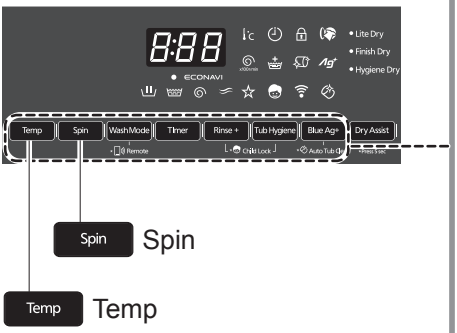
■ **Preparing**

- 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

- 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.

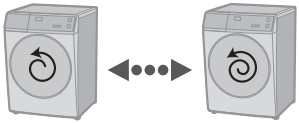
■ **Setting guide**

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

3 Temp (P. 21)

r/min Spin

Change the spin speed.



■ **Setting guide**

Low	High
● To reduce wrinkling	● To dry more thoroughly

3

(P. 21)

■ **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

2 Select a program. (P. 18)

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

Wash Mode

Timer

Rinse+

- 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

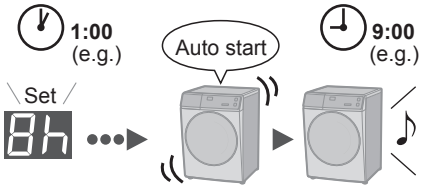
*1	Wash
*2	Rinse
*2	Spin
	Wash and rinse
	Wash and spin
*2	Rinse and spin

*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)



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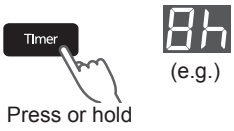
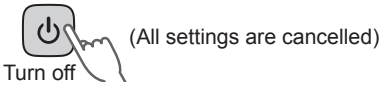
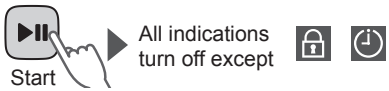


■ To check a preset time

■ To cancel settings



NOTE

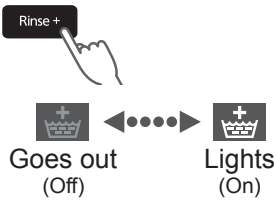


● Not available: P. 21

Rinse+

Add an extra rinse.

3



■ To change the setting while washing

1

2

3

Changing Program Settings (continued)

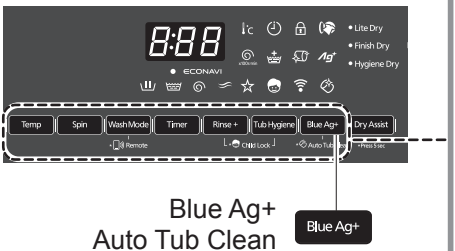
■ **Preparing**

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

1

2 Select a program. (P. 18)

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



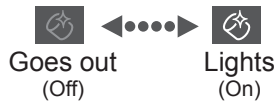
- Available options and setting ranges are different depending on the program. (P. 20)
- An alarm sounds if you select an option that is unavailable.

4

Auto Tub Clean

Add tub cleaning process.

3 **Hold 5 sec.**



Goes out (Off) — Lights (On)

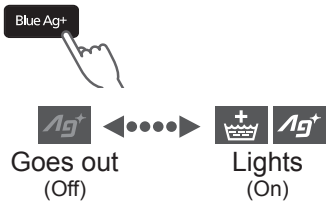
NOTE

- 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.

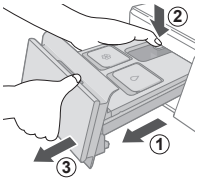
- Replace
- Wash without "Ag+"

NOTE

- Do not use the water for other purposes.

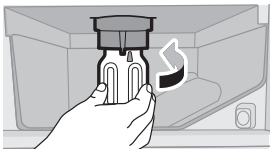
■ Change Ag+ case

1 Take out the detergent drawer.

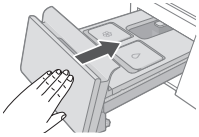


2 Remove Ag+ case

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.

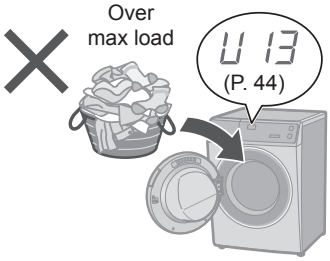
Dry Assist (Dry only)

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

1 On

2 Dry Assist

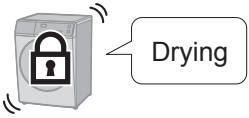
3 Start



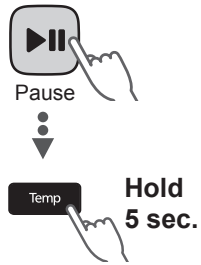
Dry Assist	Indicator (min)	Description	Max load (kg)
• Lite Dry	120 180	After spin at 1400 r/min e.g.) 5 shirts	1.0
• Finish Dry	30	Additional drying of clothes that are not dry enough	2.0
	120 180	After hang-dry Dry e.g.) 1 long pants, 1 shorts, 1 T-shirt, 1 underwear, 1 towel	
• Hygiene Dry	120 180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

NOTE

- The door is locked during drying.

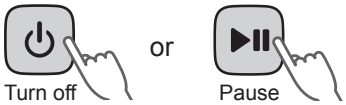


- To open the door



- After drying, the drum will rotate every 5 minutes for 40 seconds to prevent wrinkles caused by leaving the clothes unattended.

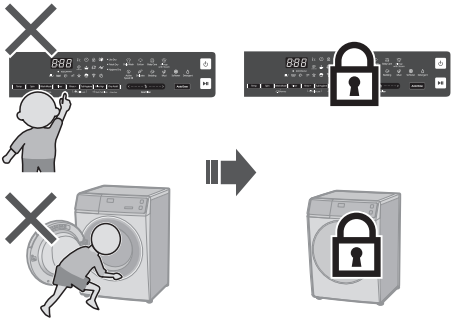
- To open the door:



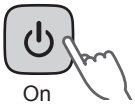
Symptoms	Tips for nice finish
• **Drying is insufficient** • **Drying is uneven** 	● Reduce clothing amount. ● Classify clothing. (P. 30) ● Adjust drying time to get your expected drying performance. ● Use “Finish Dry” 30 min for additional drying.

Changing Appliance Settings

Setting the Child Lock



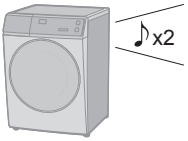
1



On

2

Hold 5 sec.



Lights
(On)

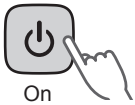
■ **To cancel:**

Same procedure

Goes out
(Off)

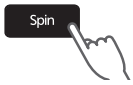
Cancelling the buzzer

1

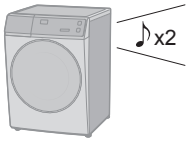


On

2



Hold 5 sec.



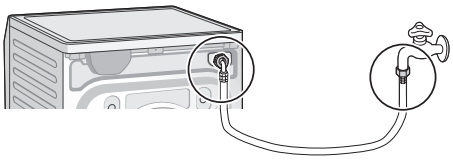
■ **To reset:**

Same procedure

Maintenance

Water supply filter

If water does not flow smoothly



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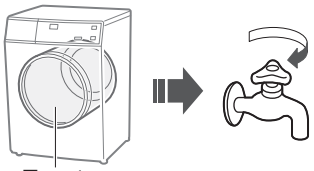
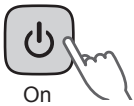


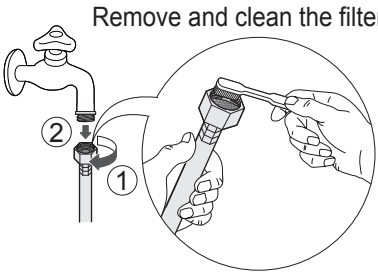
2



3

4

5



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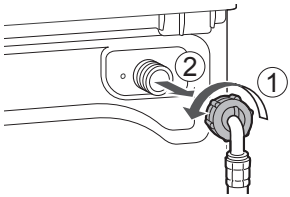

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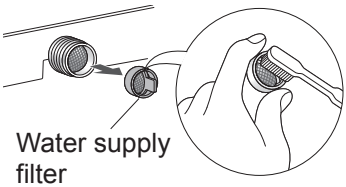

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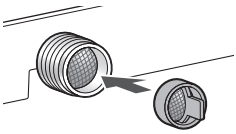

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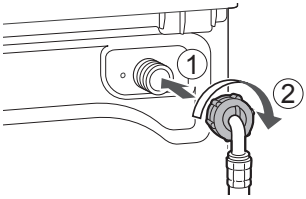

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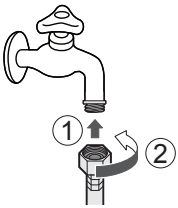
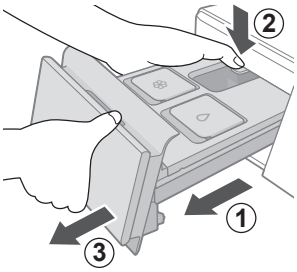


Maintenance (continued)

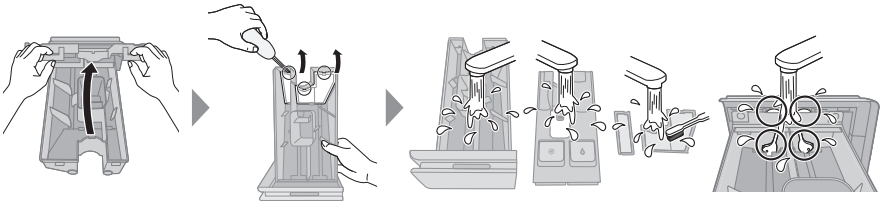
Detergent drawer

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.



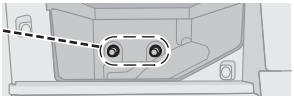
2 Open the drawer lid, remove 2 filters, then wash with water.



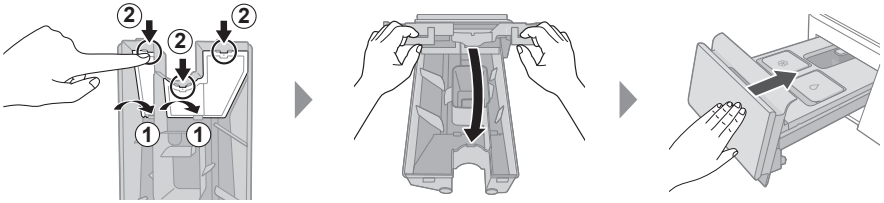
Open the drawer lid | Remove filters | Wash with water | Clean the circled positions to clean the window

NOTE

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



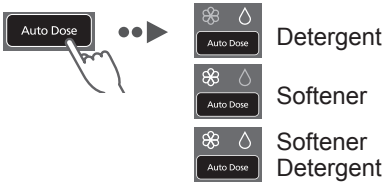
3 Attach filters, close the lid and attach the drawer.



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).

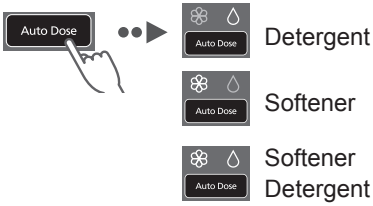
③ Select the tank to be cleaned



④

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

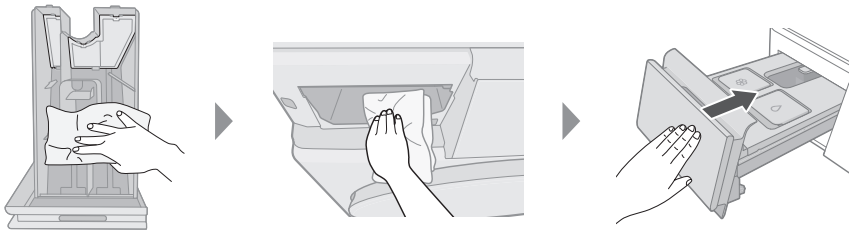
④ Select the tank to be cleaned



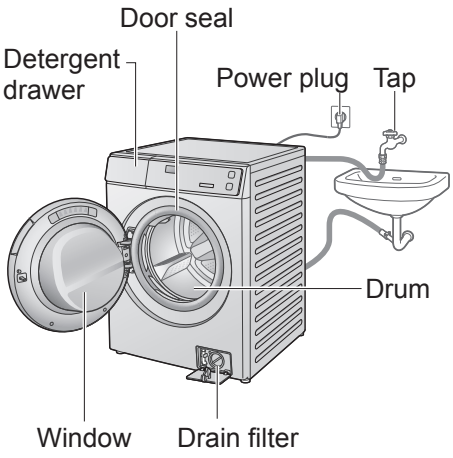
⑤

5

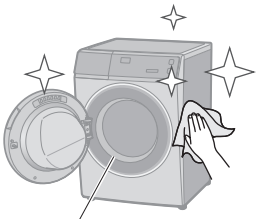
Take out the drawer, discard the remaining water and wipe off the water, then attach the drawer.

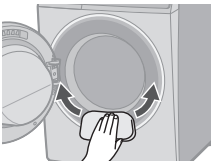


Maintenance (continued)



Appliance





For heavy soil

Mild kitchen detergent

NOTE

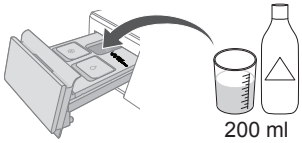
- Do not use gritty cleaners or thinners, or products containing alcohol or paraffin oil.

Drum

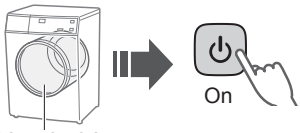
Once a month or if flashes <Tub Hygiene>

1

2 Whitening bleach (chlorine bleach)



3



No clothing

4

5

NOTE

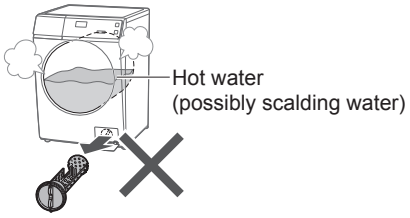
- If the “Tub Hygiene” program is not run, the indicator goes off when other program is run 3 times.

Drain filter

Once a month

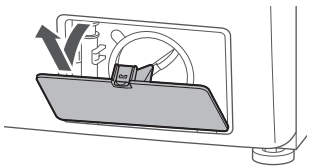
Be sure to drain water in the drum before this procedure.

⚠ CAUTION

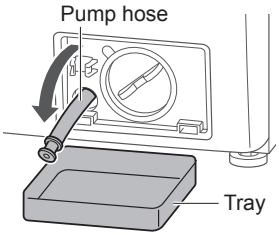


1

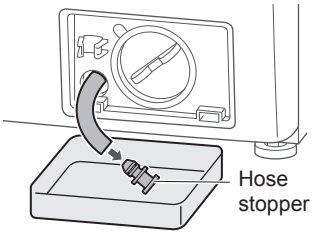
2



3

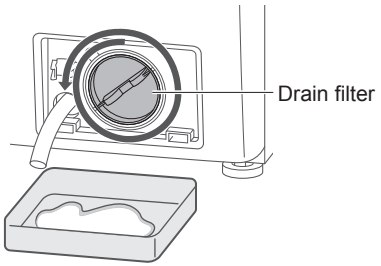


4

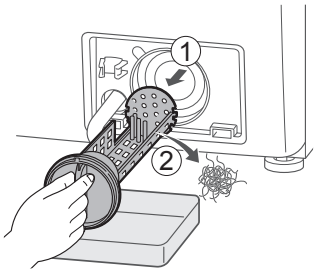


5

6

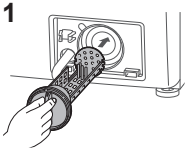


7

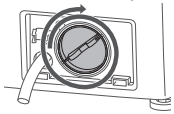


8 **Replace**

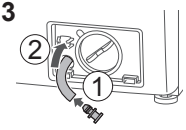
1



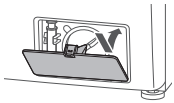
2 Until it is in place



3

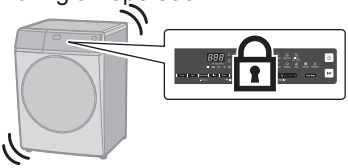
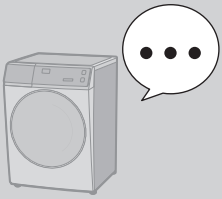
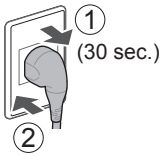
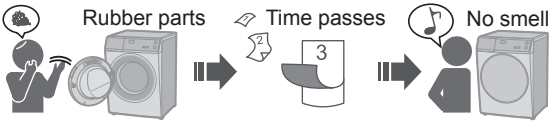


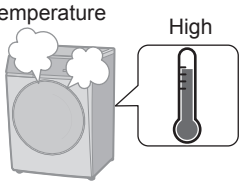
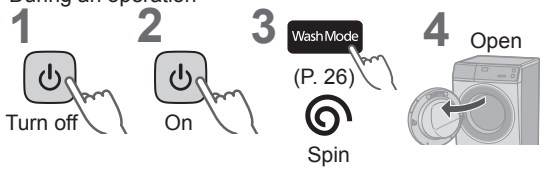
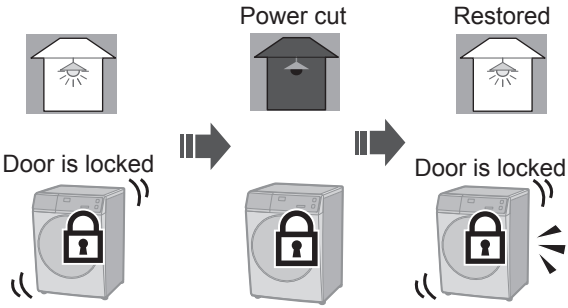
4



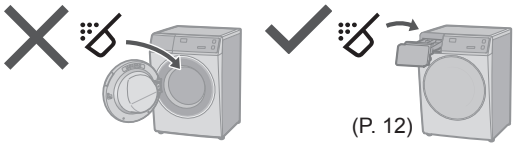
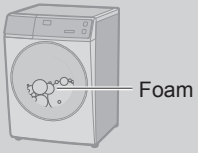
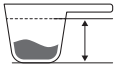
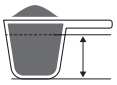
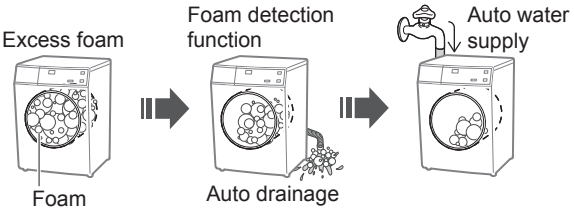
Troubleshooting

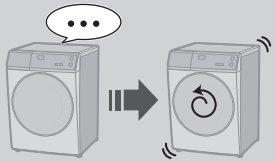
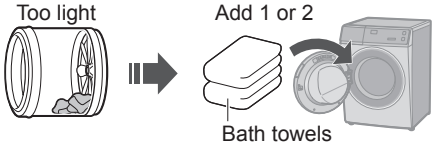
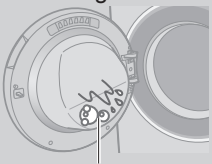
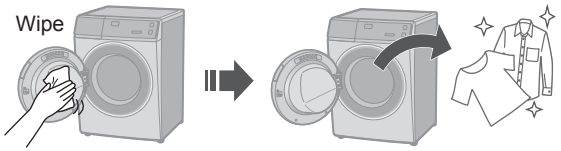
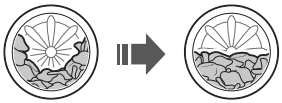
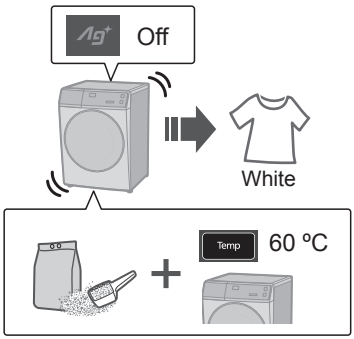
Main unit

Symptoms	Points to be checked
Touch the buttons No reaction	☐Possible cause ● During an operation  ☐Try ● Child Lock (P. 32) (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. 36)

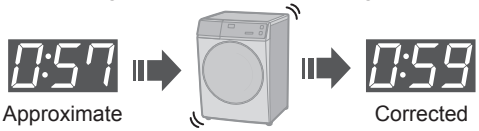
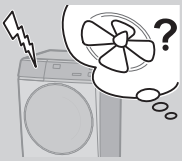
	Symptoms	Points to be checked
Main unit	**Door does not open**	☐Possible cause ● During an operation (washing or drying) Door is locked. To open the door: • washing (P. 16) • drying (P. 31) ☐Check ● Temperature  High ● Water level High ☐Try ● Child Lock (P. 32) ● During an operation  1 Turn off 2 On 3 Wash Mode (P. 26) Spin 4 Open NOTE  Door is locked Power cut Restored Door is locked

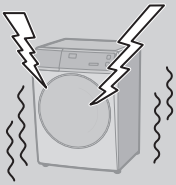
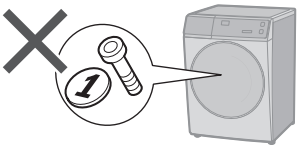
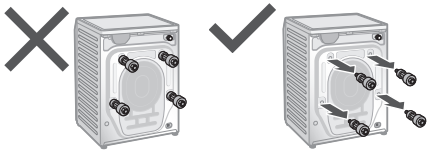
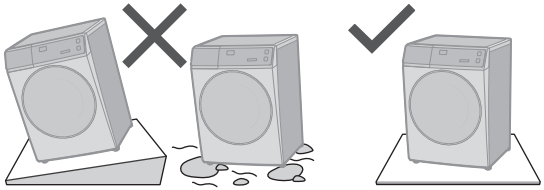
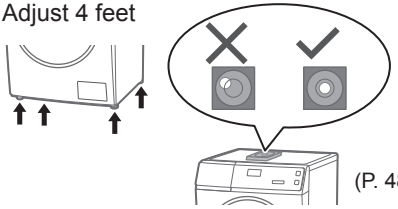
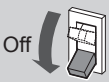
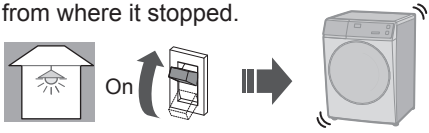
Troubleshooting (continued)

	Symptoms	Points to be checked
Detergent and foam	**After washing**	☐Check 
		☐Possible cause ● The amount of foam varies. ● Temperature ● Water level ● Water softness
	Not enough	☐Check ● Powder detergent ● 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 
Wash	During a wash	☐Possible cause 

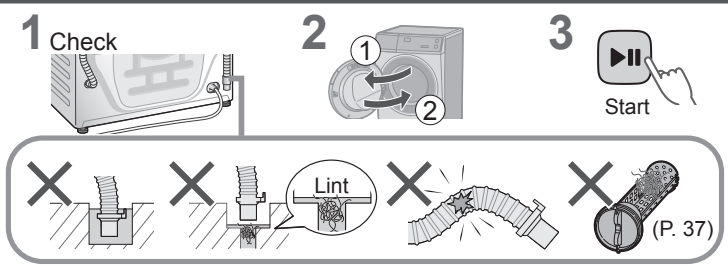
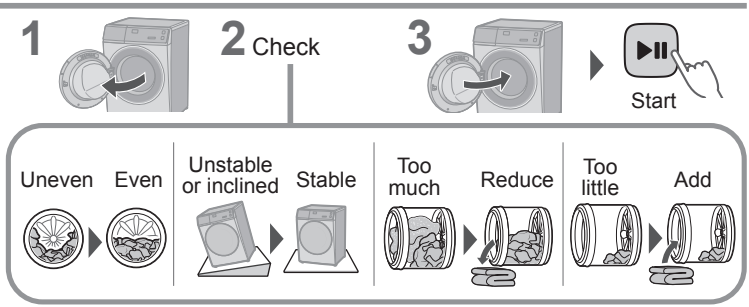
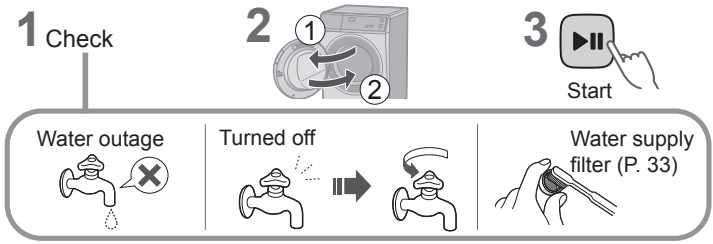
	Symptoms	Points to be checked
Rinse/Spin	During the spin process  	☐Possible cause ☐Try 
	After washing  **Foam or water**	☐Try 
	Spin changes to rinse 	☐Possible cause ● If clothes are uneven, this appliances automatically corrects unevenness using the rinse process. 
Laundry	**If the laundry yellows**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

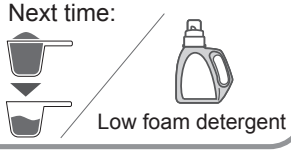
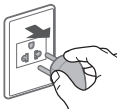
Troubleshooting (continued)

	Symptoms	Points to be checked
Time	**During a wash** Displayed time 0:57 ···▸ 0:59 Changes	☐Possible cause ● Remaining time is corrected during operation.  Approximate Corrected ● 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.

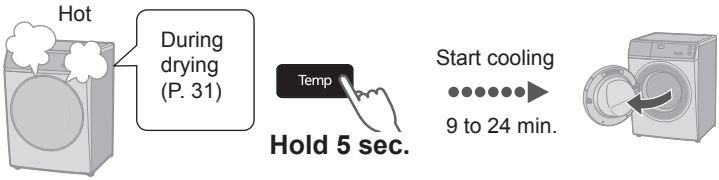
	Symptoms	Points to be checked
Noise	**Unusual noise (or vibration)** 	☐Check ● Metal items  ● Anchor bolts (P. 48)  ● Slope or an unstable surface  ● Adjust 4 feet  (P. 48)
Others	Power cut Breaker 	☐Check ● When the power recovers, operation resumes from where it stopped. 

Error Display

Error Display	Points to be checked
U 11 **Unable to drain**	
U 12 **Door is open**	
U 13 **Unable to spin / dry**	 <Dry Assist> Too wet Spin (1400 r/min)
U 14 **Unable to supply water**	

Error Display	Points to be checked
U 17 **Unable to spin**	**1** Restart **2** Run Rinse and Spin of “Active Speed 38” program ● Next time: 
H□□	**1** **2**  **3**

■ Information

hot **Unable to open**	

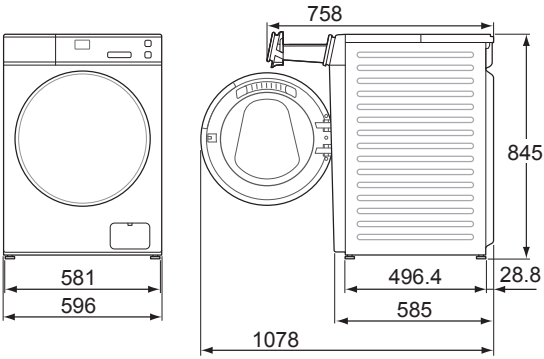
Choosing the Right Location

Make sure to ask a service person for installation.

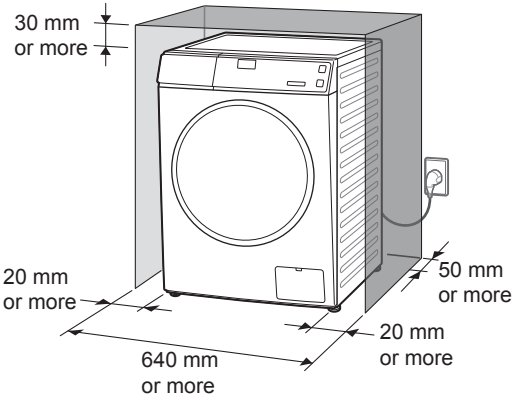
- Do not install the appliance by yourself.
- Follow this installation method. If you do not, Panasonic will not be liable for any accidents or damages.

Appliance dimensions

(mm)

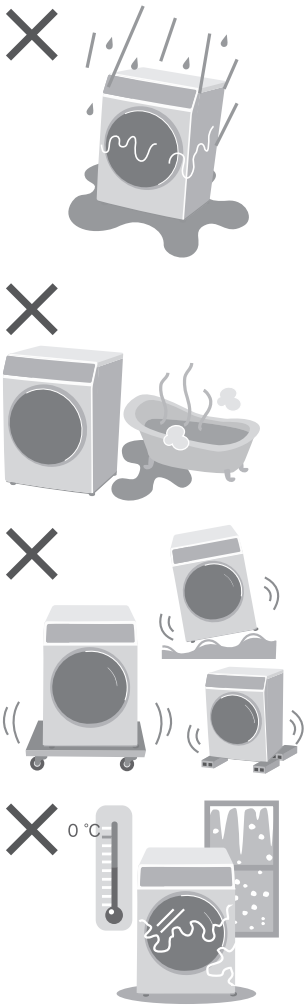


■ Set-in installation



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

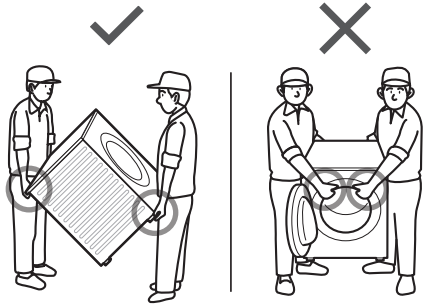
Check the location.

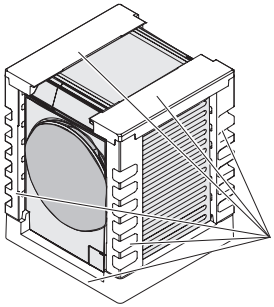


Moving and Installing

Carrying the appliance

Do not do it alone.

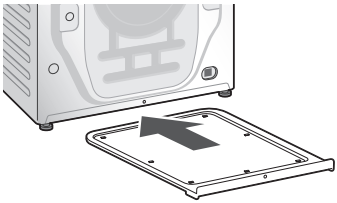




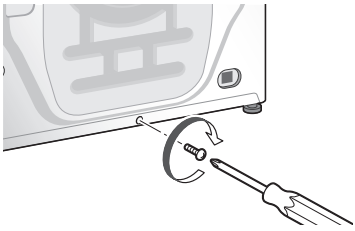
Remove all packing cushions before starting to use the appliance.

Installation of bottom cover

1



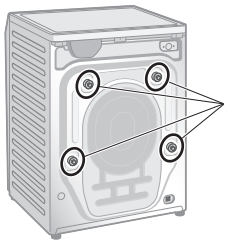
2

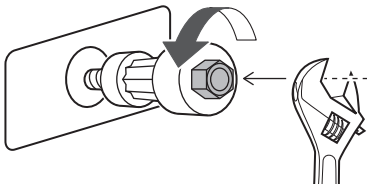


Moving and Installing (continued)

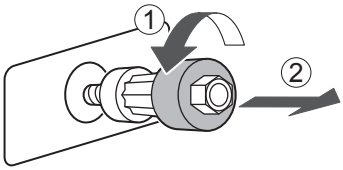
Removing the anchor bolts

1

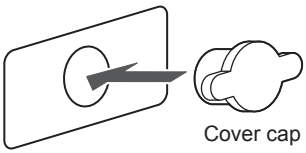




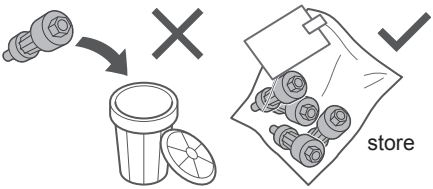
2



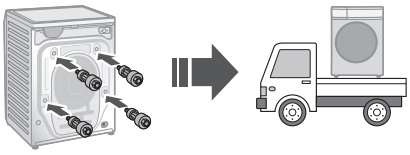
3



NOTE

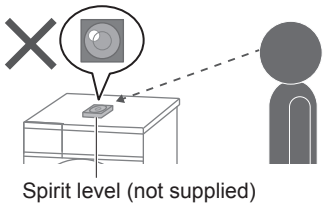


■ **Moving the appliance again**

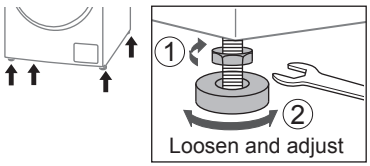


Levelling the appliance

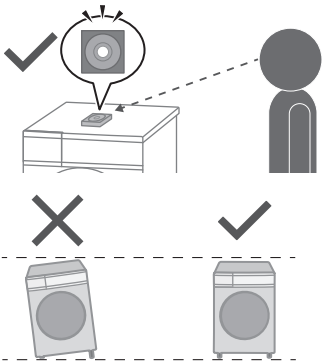
1



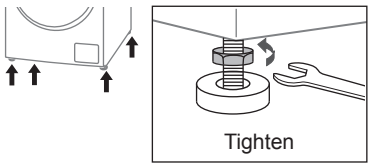
2



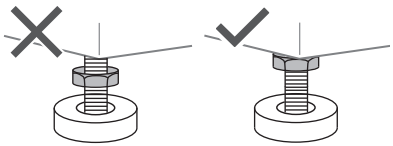
3



4



NOTE



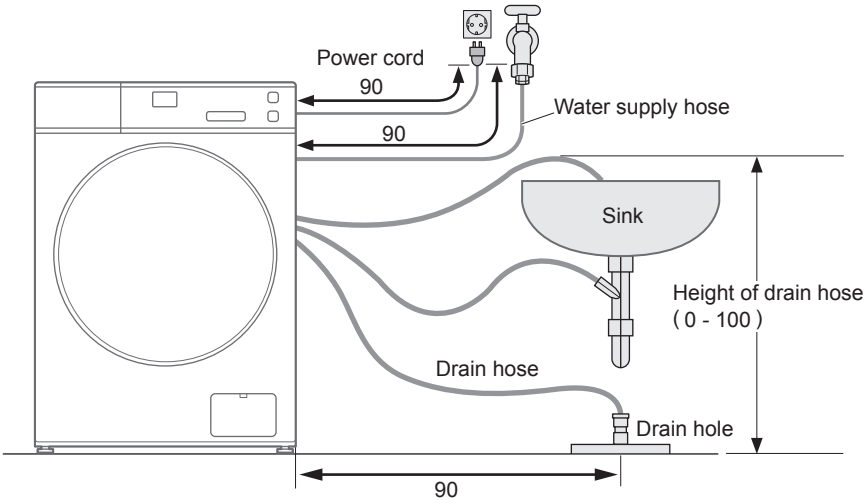
Connecting the Hoses

Connect the hoses properly to prevent water leaks.

Maximum connection distances for hoses and the power cord

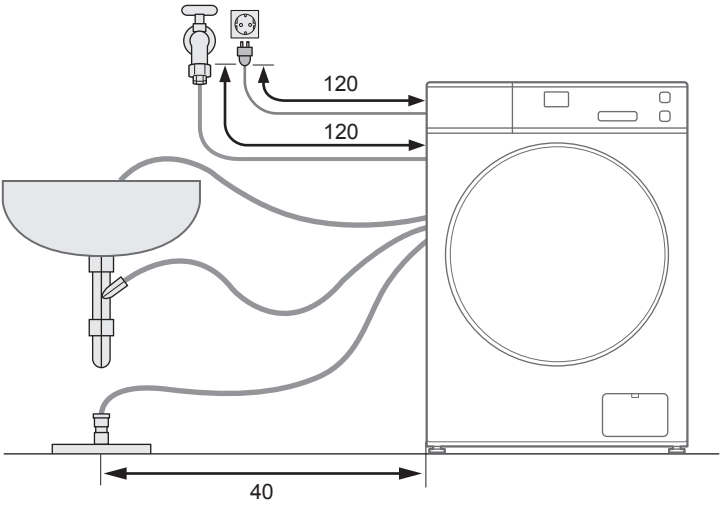
Right side connection

(cm)



Left side connection

(cm)



Connecting the Hoses (continued)

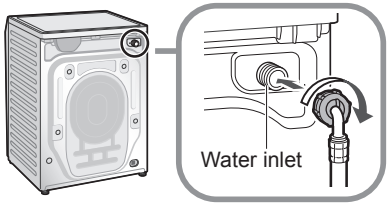
Water supply hose

■ Connecting the water supply hose

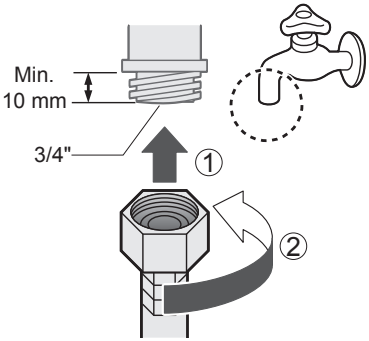
⚠ CAUTION

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

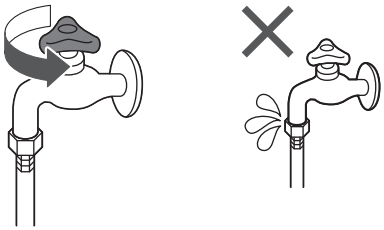
1



2



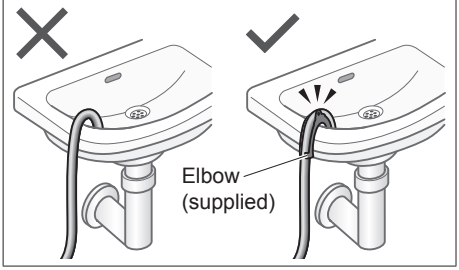
3



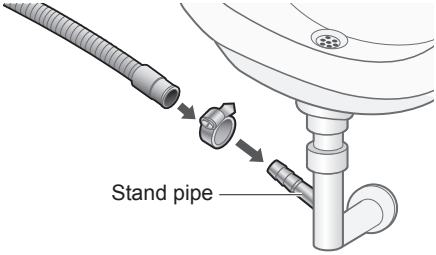
Drain hose

■ Draining to a sink or wash basin

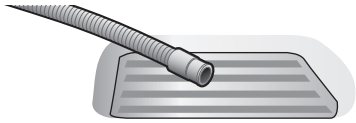
NOTICE



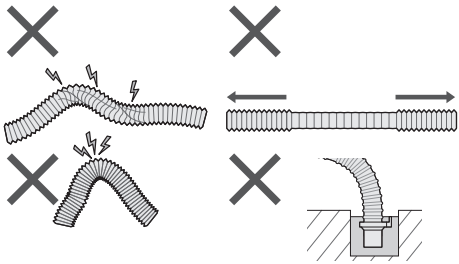
■ Draining to a stand pipe



■ Draining to a drain hole



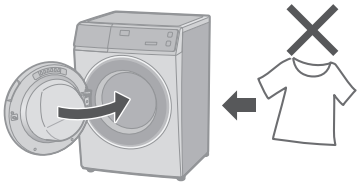
NOTE



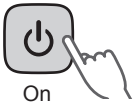
Test Run

1

2



3

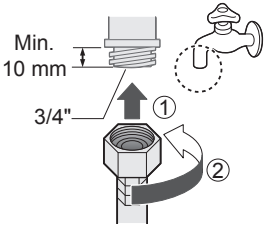
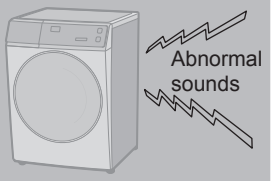
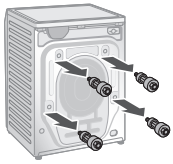
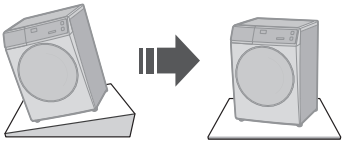
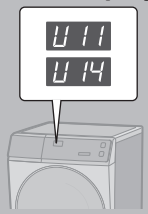


4

(38) **Active Speed 38**

5

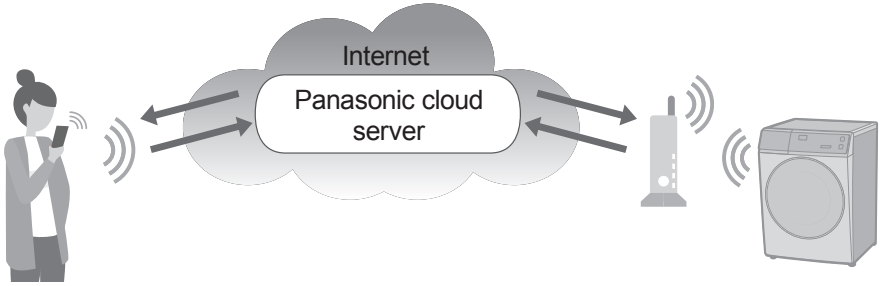
Checking after test run

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+

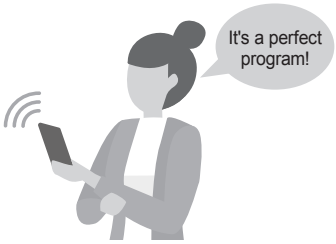
More convenient with your smartphone

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



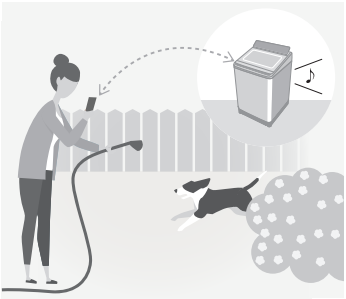
You can operate the washing machine or set the timer with application.

Support program selection from program history.



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

- Up to 10 programs.



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)

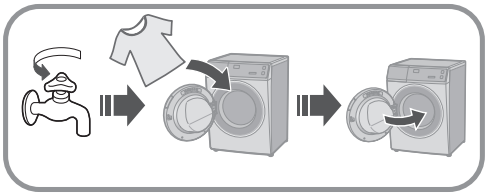
Using the “Panasonic SmartApp+”

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.

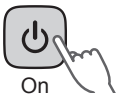
1



NOTE

- Close the door completely.

2



Lights (On)

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

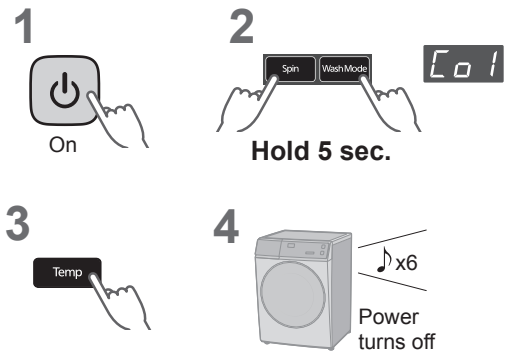
■ Lamp position

Panasonic SmartApp+ (continued)

Initializing

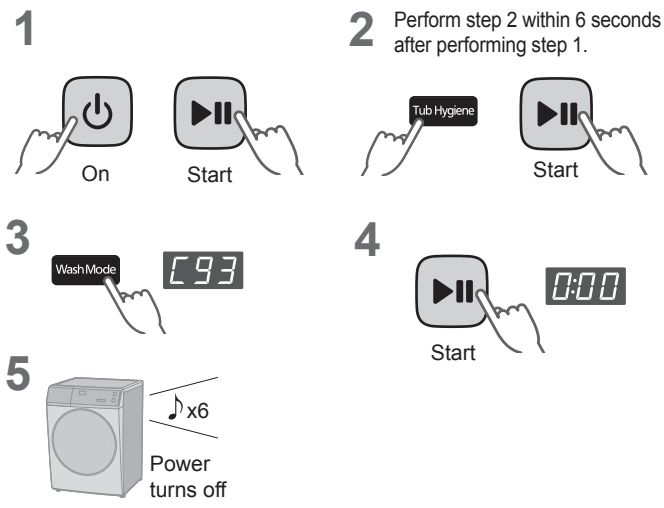
- When you stop using the “Panasonic SmartApp+”
- Suspected use due to unauthorized access
- If the appliance is a pre-owned machine

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

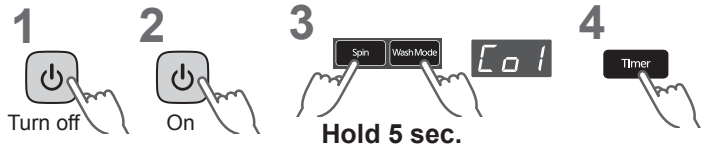


When you dispose of or transfer the washing machine

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)

Copyright, etc. (continued)

(14) Alexey Zelkin

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

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easy-ecc

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Specifications

		NA-V115FW1
Rated voltage (V)		220 - 240
Rated frequency (Hz)		50
Maximum energy rated power input (W)		1600 - 1900
Heating energy rates power input (W)	For washing	1445 - 1710
	For drying	300 - 350
Maximum spin speed (r/min)		1400
Product dimensions (W x D x H) (mm)		596 × 585 × 845
Product weight (kg)		69
Maximum mass of dry cloth (Wash) (kg)		11.5
Maximum mass of dry cloth (Dry) (kg)		2.0
Pressure of tap water (MPa)		0.01 - 1

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Jakarta, 13630, Indonesia

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