Panasonic®

Operating & Installation Instructions

**Washer Dryer
(Household Use)**

Model No. NA-S106FR2

Contents

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.

AWW9901CHGC1-0C0

Safety Precautions

⚠ WARNING

May cause serious injury or death

Children must not use it alone.
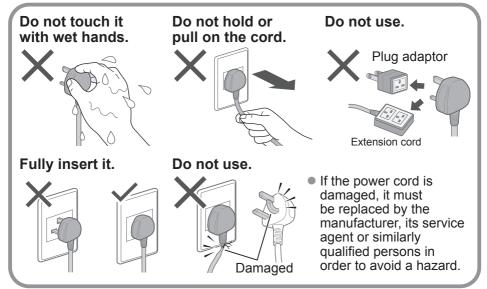
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
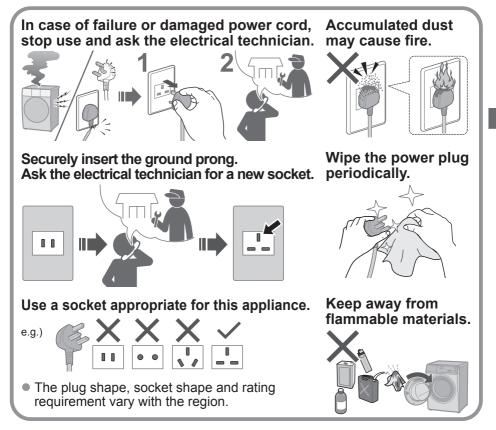
Setting the Child Lock. (P. 28)

On → Rinse + / Tub Clean / Child Lock → **Hold 3 sec.** →
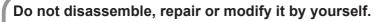
May cause fire or electric shock

Do not touch it with wet hands.

Do not hold or pull on the cord.

Do not use.

Plug adaptor

Extension cord

Fully insert it.

Do not use.

Damaged

- 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.

1   **2**

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

Use a socket appropriate for this appliance.

e.g.)

✕   ✕   ✕   ✓

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

Accumulated dust may cause fire.

Wipe the power plug periodically.

Keep away from flammable materials.

May cause failure

Do not disassemble, repair or modify it by yourself.

Safety Precautions (continued)

⚠ WARNING
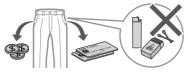
May cause fire (For safety use of the dryer)

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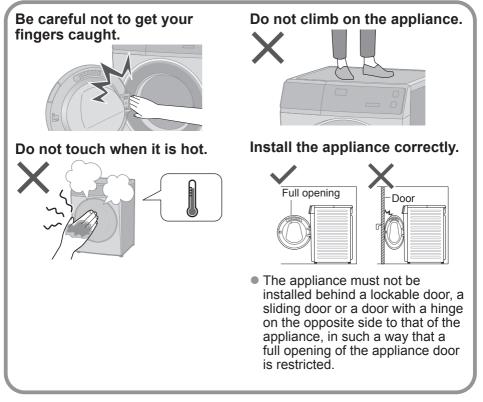
- Never stop the appliance before the end of the drying cycle unless all items are quickly removed and spread out so that the heat is dissipated.
- The appliance is not to be used if industrial chemicals have been used for cleaning.
- The appliance must not be supplied through an external switching device,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

Full opening

Door

- 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. 48.

Safety Precautions (continued)

⚠ CAUTION

May cause failure

Keep away from heat and direct sunlight.

Remove shipping bolts before operation.

Do not obstruct.

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

Do not use hot water.

Over **50 ºC**

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

Detergent drawer (P. 12)

Control panel
(P. 10)

Door

Drum

Hinge

Door seal

Adjustable feet
(P. 44)

Drain filter cover
(P. 32)

Water inlet (P. 46)

Drain hose
(P. 45, 46)

Shipping bolts
(P. 44)

Power cord and plug*
*The plug shape varies
with the region.

Accessories

☐ Hose hanger (1) (P. 46)

☐ Cover cap (4) (P. 44)

☐ Water supply hose (1) (P. 45, 46)

☐ Bottom cover (1) / Screw (1) (P. 43)
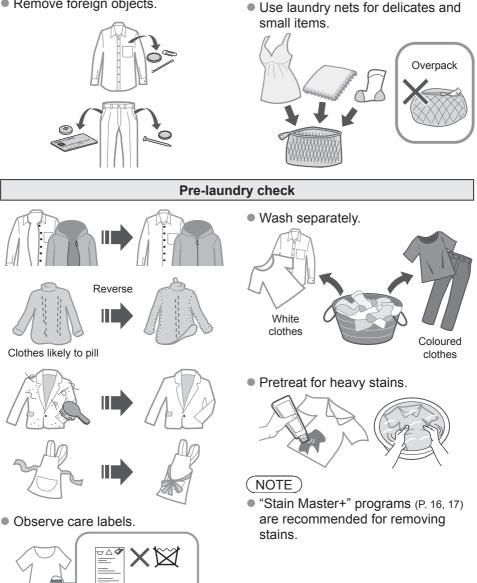
Before Washing

Preparing laundry

Before put clothes in drum

● Remove foreign objects.

● Use laundry nets for delicates and small items.

Overpack

Pre-laundry check

Reverse

Clothes likely to pill

● Observe care labels.

● Wash separately.

White clothes

Coloured clothes

● Pretreat for heavy stains.

NOTE

● "Stain Master+" programs (P. 16, 17) are recommended for removing stains.

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.

9

Control Panel

Display

Remaining time

Error display (P. 40)

  (e.g. U11)

Water temperature

Spin speed

Add Wash lamp:
You can add clothes
while lit. (P. 14)

Optional function lamp

90	1400			
60	1200			
40	700			
30	500			

ECONAVI

ECONAVI lamp
(P. 23)

Process

Wash
Rinse
Spin
Dry

⏱ (P. 25)   (P. 31)

(P. 25)   Ag⁺ (P. 27)

Tub Care (P. 26)

Lock   🔒   The door is locked

🔒😊   The door and buttons are
all locked (Child Lock) (P. 28)

Control buttons

Power button

Program selection slider (P. 16)

Stain Master+ (P. 16, 17)

Start/ Pause button

Dry Mode (P. 24) — Press 3 sec: Dry Only (P. 21)

Blue Ag+ (P. 27) — Press 3 sec: Auto Tub Care (P. 26)

Tub Clean (P. 31) — Press & hold 3 sec at the same time: Child Lock (P. 28)

Rinse+ (P. 25)

Timer (P. 25)

Wash Mode (P. 24)

Spin (P. 23)

Temp (P. 22)

Touch operation

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

NOTE

- Turn off ➠ back on

Turn off — 3 sec. — On

- No operation ➠ auto power off

(Not pressed ▶‖) Auto Power off — 10 min. — On

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

11
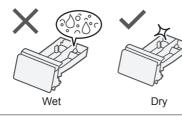
Detergent
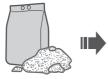
● Follow the instructions on each package.

Detergent

Use a low foam detergent.
● To prevent powder detergent from remaining in the detergent drawer:

Wet   Dry

Lumps   Powder
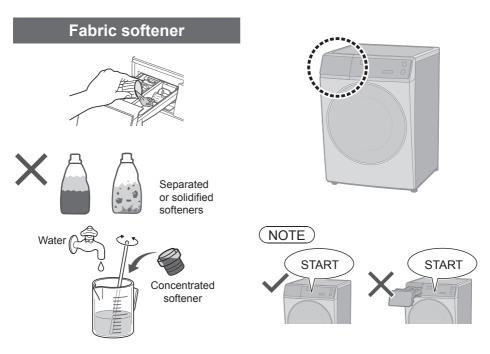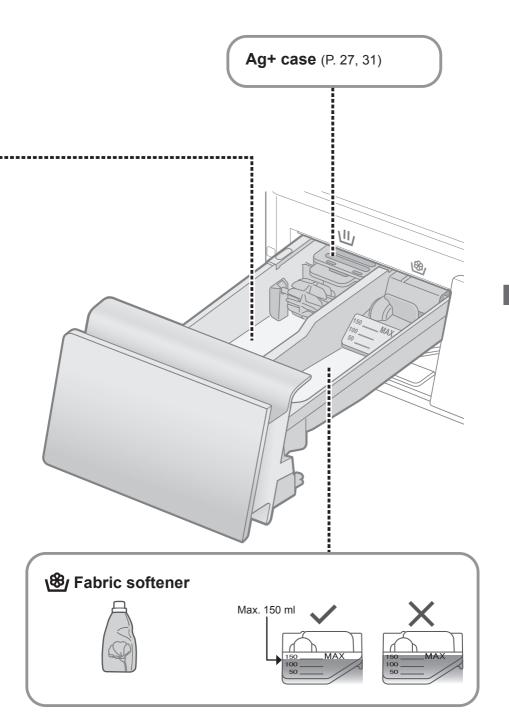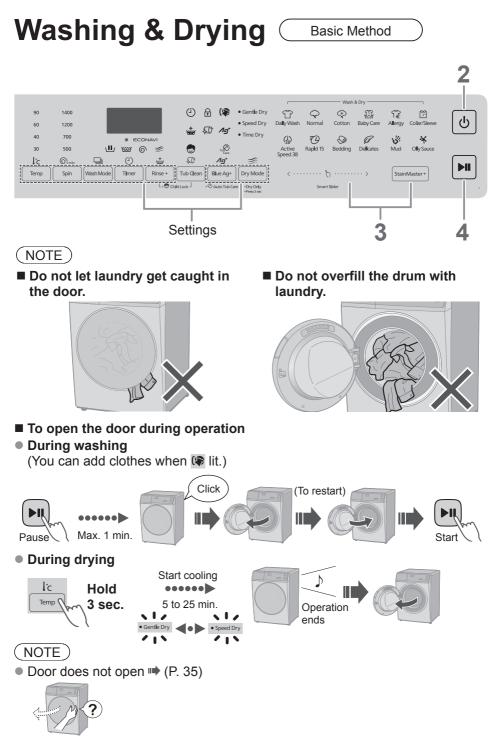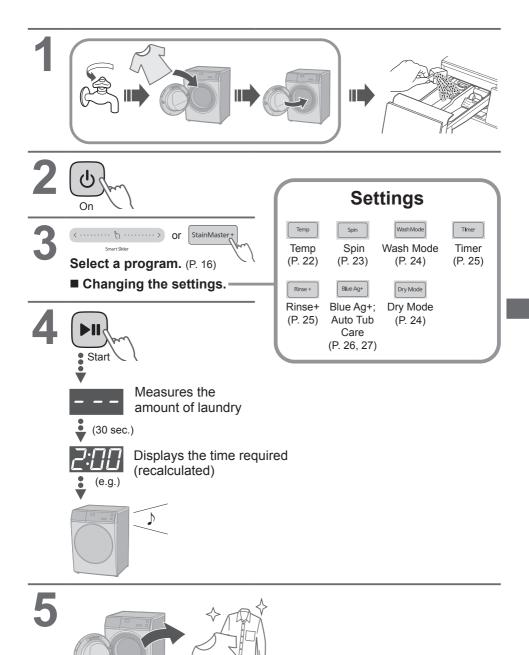
⚠ Detergent

Powder detergent   Liquid detergent

Bleach

Fabric softener

Separated or solidified softeners

Water

Concentrated softener

NOTE

START   START

Ag+ case (P. 27, 31)

150
100
50
MAX

✿ Fabric softener

Max. 150 ml

✓

150 ——— MAX
100 ———
50 ———

✗

150 ——— MAX
100 ———
50 ———

13

Washing & Drying ⟨ Basic Method ⟩

2

3

4

Settings

NOTE

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

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

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

Click

(To restart)

Pause   Max. 1 min.   Start

● **During drying**

Hold 3 sec.

Start cooling

5 to 25 min.

● Gentle Dry ◀●▶ ● Speed Dry

Operation ends

NOTE

● Door does not open ➠ (P. 35)

1

2

On

3

 Smart Slider or StainMaster+

Select a program. (P. 16)

■ **Changing the settings.**

4

Start

– – –   Measures the
amount of laundry

(30 sec.)

2:00   Displays the time required
(e.g.)   (recalculated)

 ♪

5

Settings

Temp	Spin	Wash Mode	Timer
Temp (P. 22)	Spin (P. 23)	Wash Mode (P. 24)	Timer (P. 25)

Rinse +	Blue Ag+	Dry Mode
Rinse+ (P. 25)	Blue Ag+; Auto Tub Care (P. 26, 27)	Dry Mode (P. 24)

Program List

WASH & DRY / WASH

Program	Description	Max load (kg)		Total time	
		Wash	Dry	WASH	WASH & DRY
👕 **Daily Wash**	● Everyday clothes (Quicker than "Normal" program)	10.0	6.0	1:30	4:53 - 7:25
◯ **Normal**	● Everyday clothes	10.0	6.0	2:54	6:10 - 8:50
⊕ **Cotton**	● Gentle wash with extra time	10.0	6.0	3:00	6:18 - 8:18
Baby Care	● Clothes for babies & sensitive skin Rinsing thoroughly	5.0		2:20	5:45 - 7:35
Tub Clean	● Cleaning the drum.	None		3:45	4:25
StainMaster +	For the following stains				
👕 **Allergy**	● For mites and pollen	10.0	6.0	3:15	5:53 - 9:13
Collar/ Sleeve		10.0	6.0	3:10	6:35 - 8:30

WASH

Program	Description	Max load (kg)	Total time
(j)38 **Active Speed 38**	● Small loads	5.0	0:38
⏱ **Rapid 15**	● Small loads of lightly soiled	2.0	0:15
🌀 **Bedding**	● Large items	3.0	1:30
🪶 **Delicates**	● Washing gently	2.0	0:50
StainMaster+	For the following stains		
🖐 **Mud**		10.0	3:30
✳ **Oily Sauce**		10.0	3:00

DRY

Program	Description	Max load (kg)	Total time
Dry Only Dry Mode **Hold 3 sec.**	● Used to dry clothes.	6.0	1:54 - 6:00

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

Details of Programs

Program	Settings	Auto setting			Temp (°C)
		Temp (°C)	Spin (r/min)	Dry	
WASH & DRY	👕 **Daily Wash**	40	1200	Gentle	Cold, 30, 40, 60
	💭 **Normal**	40	1200	Gentle	Cold, 30, 40, 60
	⊕ **Cotton**	40	1400	Gentle	Cold, 30, 40, 60
	Baby Care	40	1400	Gentle	Cold, 30, 40, 60
	Allergy	90	1200	Gentle	60, 90
	Collar/Sleeve	40	1200	Gentle	40
	Tub Clean	40	1200	Speed	40
WASH	👕 **Daily Wash**	40	1200	–	Cold, 30, 40, 60
	💭 **Normal**	40	1200	–	Cold, 30, 40, 60
	⊕ **Cotton**	40	1400	–	Cold, 30, 40, 60
	Baby Care	40	1400	–	Cold, 30, 40, 60
	Allergy	90	1200	–	60, 90
	Collar/Sleeve	40	1200	–	40
	Tub Clean	40	1200	–	40
	Active Speed 38	40	1200	–	Cold, 30, 40
	Rapid 15	Cold	1200	–	Cold
	Bedding	Cold	700	–	Cold, 30
	Delicates	30	500	–	Cold, 30, 40
	Mud	40	1200	–	40
	Oily Sauce	40	1200	–	40
DRY	**Dry Only**	–	✓ *1	Gentle	–

NOTE
- For normally soiled laundry at the rated capacity, we recommend using the "Cotton, 60 °C, 1400 r/min" which is tested in accordance with IEC 60456 for the energy and water efficiency aspects.
- Actual water temperature may differ from the declared cycle temperature.
- These results depend on water pressure, water hardness, water inlet temperature, room temperature, type and amount of load, degree of soiling, utilized detergent, fluctuations in the main electricity supply and chosen additional options.
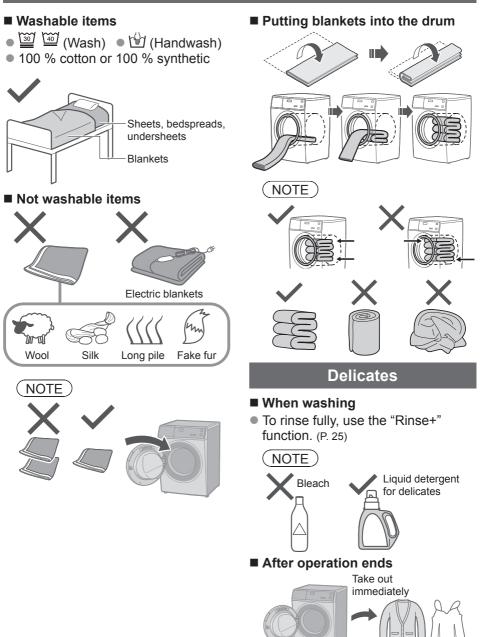
Setting range		Optional functions					
Spin (r/min)	Dry Mode	Wash Mode	Dry Mode	Timer	Rinse+	Blue Ag+	Auto Tub Care
1200, 1400	Gentle, Speed, Time	✓	✓	✓	✓	✓	✓
1200, 1400	Gentle, Speed, Time	✓	✓	✓	✓	✓	✓
1200, 1400	Gentle, Speed, Time	✓	✓	✓	✓	✓	✓
1200, 1400	Gentle, Speed, Time	✓	✓	✓	✓	✓	✓
1200	Gentle, Speed, Time	–	✓	✓	✓	–	✓
1200, 1400	Gentle, Speed, Time	✓	✓	✓	✓	✓	✓
1200	Speed	–	✓	–	–	–	–
⌀, 500, 700, 1200, 1400	–	✓	–	✓	✓	✓	✓
⌀, 500, 700, 1200, 1400	–	✓	–	✓	✓	✓	✓
⌀, 500, 700, 1200, 1400	–	✓	–	✓	✓	✓	✓
⌀, 500, 700, 1200, 1400	–	✓	–	✓	✓	✓	✓
⌀, 500, 700, 1200	–	–	–	✓	✓	–	✓
⌀, 500, 700, 1200, 1400	–	✓	–	✓	✓	✓	✓
1200	–	–	–	–	–	–	–
⌀, 500, 700, 1200, 1400	–	✓	–	✓	–	✓	✓
⌀, 500, 700, 1200	–	–	–	✓	–	–	–
⌀, 500, 700	–	✓	–	✓	✓	✓	–
⌀, 500	–	✓	–	–	✓	✓	–
⌀, 500, 700, 1200, 1400	–	✓	–	✓	✓	✓	✓
⌀, 500, 700, 1200, 1400	–	✓	–	✓	✓	✓	✓
–	Gentle, Speed, Time	–	✓	–	–	–	–
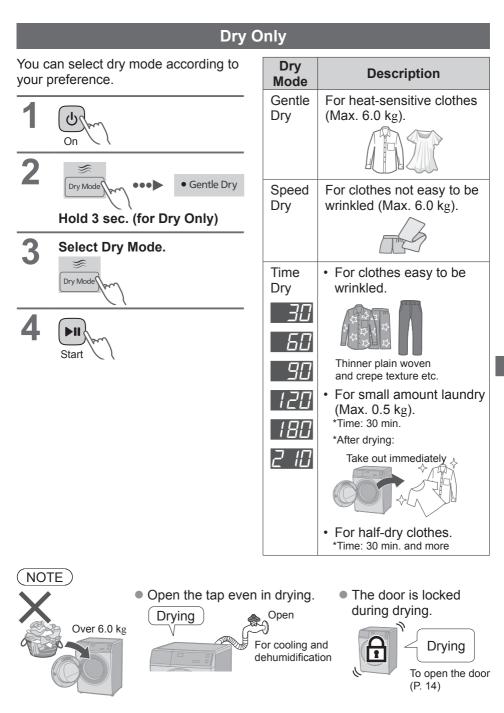
⌀ : Drain only (No spin)

● Setting time for Time Dry: 30, 60, 90, 120, 180, 210 min.

*1 In case of "Gentle Dry" or "Speed Dry" mode,
If the weight of clothes is heavy, spin is performed: 1200
If the weight of clothes is light, spin is not performed: ⌀

19

Washing & Drying Tips

Bedding

■ Washable items
- ⬛³⁰ ⬛⁴⁰ (Wash) ● 🖐 (Handwash)
- 100 % cotton or 100 % synthetic

Sheets, bedspreads, undersheets

Blankets

■ Not washable items

Electric blankets

Wool   Silk   Long pile   Fake fur

NOTE

■ Putting blankets into the drum

NOTE

Delicates

■ When washing
- To rinse fully, use the "Rinse+" function. (P. 25)

NOTE

Bleach

Liquid detergent for delicates

■ After operation ends

Take out immediately

Dry Only

You can select dry mode according to your preference.

1

On

2
 Dry Mode ●●●▶ ● Gentle Dry

Hold 3 sec. (for Dry Only)

3 **Select Dry Mode.**
 Dry Mode

4

Start

Dry Mode	Description
Gentle Dry	For heat-sensitive clothes (Max. 6.0 kg).
Speed Dry	For clothes not easy to be wrinkled (Max. 6.0 kg).
Time Dry *30 60 90 120 180 2 10*	• For clothes easy to be wrinkled. Thinner plain woven and crepe texture etc. • For small amount laundry (Max. 0.5 kg). *Time: 30 min. *After drying: Take out immediately • For half-dry clothes. *Time: 30 min. and more

NOTE

Over 6.0 kg

● Open the tap even in drying.
Drying → Open
For cooling and dehumidification

● The door is locked during drying.
 Drying
To open the door (P. 14)

21

Changing Program Settings

■ Preparing
- Sort the laundry and put it into the drum. (P. 8)
- Add the detergent. (P. 12)

1

On

2 Select a program. (P. 16)

⟨ ········· ⌐ ········· ⟩

Smart Slider

or

StainMaster +

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

90	1400					● Gentle Dry
60	1200					● Speed Dry
40	700					● Time Dry
30	500			● ECONAVI		

Temp | Spin | WashMode | Timer | Rinse + | Tub Clean | Blue Ag+ | Dry Mode
Child Lock | Auto Tub Care | Dry Only Press 3 sec

Spin — Spin

Temp — Temp

- Available options and setting ranges are different depending on the program. (P. 18)
- An alarm sounds if you select an option that is unavailable.

4

Start

℃ Temp

Change the washing temperature.

Low   High

■ Setting guide

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

3 ℃ Temp (P. 18)

22

◎r/min **Spin**

Change the spin speed.

Low   High

■ **Setting guide**

Low	High
● To reduce wrinkling	● To dry more thoroughly

3   Spin   (P. 19)

■ **To change the setting while washing**

Washing

1	▶❚❚ Pause
2	Spin
3	▶❚❚ Start

ECONAVI

● "Normal" and "Daily Wash" programs

3 sensors

Weight	Temperature	Material

Water saving   Time saving

■ **Lamp indications**

Detecting

ECONAVI enabled

ECONAVI disabled

23

Changing Program Settings (continued)

■ Preparing
- Sort the laundry and put it into the drum. (P. 8)
- Add the detergent. (P. 12)

1 On

2 Select a program. (P. 16)

⟨ · · · · · · · · · 👆 · · · · · · · · · ⟩

Smart Slider

or

StainMaster +

3 Change the program's settings.

Wash Mode   Wash Mode

Timer   Timer

Rinse+   Rinse +

Dry Mode   Dry Mode

- Available options and setting ranges are different depending on the program. (P. 18)
- An alarm sounds if you select an option that is unavailable.

4 Start

🗂 Wash Mode

Select a combination of wash, rinse and spin.

(e.g.) ☑ ▶ ☑ ▶ ☑

Wash   Rinse   Spin

3 Wash Mode

🔥 *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.

WASH & DRY 〰 Dry Mode

Select a combination of processes.

(e.g.) ☑ ▶ ☑ ▶ ☑ ▶ ☑

Wash   Rinse   Spin   Dry

3 Dry Mode   Dry Mode (P. 21)

⏲ Timer

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

1:00 (e.g.)   Auto start   **9:00** (e.g.)

Set
8h •••▶

3   ⏲ Timer   **8h** (e.g.)

Press or hold

■ **To check a preset time**

⏲ Timer

■ **To cancel settings**

⏻ Turn off   (All settings are cancelled)

NOTE

▶‖ Start   ▶ All indications turn off except 🔒 ⏲

● Not available:

⚒ Rinse+

Add an extra rinse.

Wash ▶ Rinse ▶ | Extra Rinse | ▶ Spin

3   Rinse +

Goes out (Off)   ◀•••••▶   Lights (On)

■ **To change the setting while washing**

Washing

1	▶‖ Pause
2	Rinse + Off ◀•••▶ On
3	▶‖ Start

25

Changing Program Settings (continued)

■ Preparing

- Sort the laundry and put it into the drum. (P. 8)
- Add the detergent. (P. 12)

1

On

2 Select a program. (P. 16)

⟨ · · · · · · · · · 👆 · · · · · · · · · ⟩

Smart Slider

or

StainMaster+

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

90	1400	🕐	🔒	🔔	• Gentle Dry
60	1200		👕 Ag⁺	• Speed Dry
40	700	• ECONAVI	• Time Dry
30	500		

°C | Spin | Wash Mode | Timer | Rinse + | Tub Clean | Blue Ag+ | Dry Mode

Temp

└ 🔒 Child Lock ┘ ↔ 🌀 Auto Tub Care • Dry Only •Press 3 sec.

Blue Ag+
Auto Tub Care

Blue Ag+

- Available options and setting ranges are different depending on the program. (P. 18)
- An alarm sounds if you select an option that is unavailable.

4

Start

🌀 Auto Tub Care

Add tub cleaning process.

3 Ag⁺

Blue Ag+

Hold 3 sec.

Tub Care ◀•••••▶ Tub Care

Goes out
(Off)

Lights
(On)

(NOTE)

- The setting is memorized.

26

Ⰰ⁺ **Blue Ag+**

Bacteria elimination function (Max. 3.0 kg).

Wash ▶ Rinse ▶ Extra Rinse ▶ Spin

3

Blue Ag+

Ⰰ⁺ ◀●●●●▶ Extra Rinse Ⰰ⁺
Goes out   Lights
(Off)   (On)

■ 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+"
➡ (P. 31)

Ⰰ⁺
Off

NOTE
● Do not use the water for other purposes.

 Drinking   Cooking

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

Changing Appliance Settings

Setting the Child Lock

1

On

2

Rinse + | Tub Clean
Child Lock

Hold 3 sec.

♪x2

Lights
(On)

■ **To cancel:**

Same procedure   ♪x4

Goes out
(Off)

Cancelling the buzzer

1

On

2

r/min
Spin

Hold 3 sec.

♪x2

■ **To reset:**

Same procedure   ♪x4

Maintenance

If water does not flow smoothly

1 Empty

2 On

3 Select — Smart Slider — Daily Wash 👕

4 Start — 1 min. — Turn off

5 Remove and clean the filter

6

7 Water supply filter

8

9

10

29

Maintenance (continued)

Door seal

Detergent drawer

Power plug   Tap

Drum

Window   Drain filter

Appliance

Door seal

For heavy soil

Mild kitchen detergent

NOTE

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

Detergent drawer

1

② ①

③

2

3

4

Thick end

Thin end

Click

5

If the contents are decreased

■ Change Ag+ case

1

2 Exchange

Ag+ case for replacement: N-AG1

NOTE
● You cannot open Ag+ case.

Once a month or if ⚙ flashes <Tub Clean>

1

2 Whitening bleach (chlorine bleach)

200 ml

3

On

No clothing

4 ● for Wash

⚙
Tub Clean

● for Wash & Dry

1 ⚙
Tub Clean

2 ≋
Dry Mode

5

▶Ⅱ
Start

●●●▶

NOTE
● If the "Tub Clean" program is not run, the indicator ⚙ goes off when other program is run 3 times.

Maintenance (continued)

Once a month

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

⚠ CAUTION

Hot water
(possibly scalding water)

1

Turn off

2

3

Pump hose

Tray

4

Hose stopper

5

6

Drain filter

7

①
②

8 Replace

1

2 Until it is in place

3

②
①

4

32

For Better Results

Symptoms	Tips for nice finish
Shrunken clothes	If cotton products have shrunk by drying ● Moisten and stretch.
Hand feeling changes by wrinkles	● Reduce clothing amount. ● Select dry mode. (P. 21) Dry Mode — Depending on clothes ● After drying Take out immediately
• **Drying is insufficient** • **Drying is uneven**	● Reduce clothing amount. ● Turn on.
Feel rough	● When towels feel rough after washing Fabric softener ➡ If still feel rough → Dry
Lint is attached	● "Rinse+" or "Tub Clean" Rinse + or Tub Clean (P. 25) (P. 31)

Troubleshooting

	Symptoms	Points to be checked
Main unit	Touch the buttons No reaction 	☐Possible cause ● During an operation ☐Try ● Child Lock (P. 28) (Off)
	No operation 	☐Check ● Power cut ● Timer ☐Try ● Close the door. ● Turn on. ● Unplug and insert again. ① (30 sec.) ② ● Press "Start". ● Turn the breaker on.
	Odour of rubber 	☐Possible cause Rubber parts Time passes No smell ☐Try Tub Clean Tub Clean (P. 31)

34

	Symptoms	Points to be checked
Main unit	**Door does not open**	□ Possible cause ● During an operation (washing or drying) Door is locked. To open the door during operation (P. 14) □ Check ● Temperature High ● Water level High □ Try ● Child Lock (P. 28) ● During an operation **1** Turn off **2** On **3** Wash Mode (P. 24) Spin **4** Open NOTE Power cut Restored Door is locked Door is locked

35

Troubleshooting (continued)

	Symptoms	Points to be checked
Detergent and foam	**After washing**	☐ Check (P. 12)
	Foam	☐ Possible cause ● The amount of foam varies. ● Temperature ● Water level ● Water hardness
	Not enough	☐ Check ● Powder detergent (P. 12) ● Too little detergent ● Low foam detergent ● Heavily soiled ● Load too large
	Too much	☐ Check ● Too much detergent
Wash	During a wash Wash **Water drainage**	☐ Possible cause Excess foam → Foam detection function → Auto water supply Foam — Auto drainage

Symptoms	Points to be checked
Dry	

Drying takes too long Drying	□Check
	 ● Too heavy ● Too cold
	    0 °C
	
	 □Try
	 ● Check the location
	  ←→ 5 cm and more

Rinse/Spin	
During the spin process **Stop** **Rotates several times**	□Possible cause Unevenness Evenness Auto correct Stop Auto correct □Try Too light Add 1 or 2 Bath towels
After washing **Foam or water**	□Try Wipe
Spin changes to rinse Spin Rinse	□Possible cause ● If clothes are uneven, this appliances automatically corrects unevenness using the rinse process.

37

Troubleshooting (continued)

|	Symptoms	Points to be checked
Laundry	**If the laundry yellows** Yellow	☐ Try Ag^+ Off White 60 ºC
Time	**During a wash** Displayed time 0:57 ···▶ 0:59 Changes	☐ Possible cause ● Remaining time is corrected during operation. 0:57 ▮▶ ▮▶ 0:59 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.

38

	Symptoms	Points to be checked
Noise	**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.
	Unusual noise (or vibration)	☐ Check ● Metal items ● Shipping bolts (P. 44) ● Slope or an unstable surface ● Adjust 4 feet (P. 44)
Others	Power cut Breaker Off	☐ Check ● When the power recovers, operation resumes from where it stopped. On

39

Error Display

Error Display	Points to be checked
U 11 **Unable to drain**	**1** Check **2** ①② **3** ▶❚❚ Start ✕ ✕ Lint ✕ ✕ (P. 32)
U 12 **Door is open**	**1** **2** ▶❚❚ Start
U 13 **Unable to spin**	**1** **2** Check **3** ▶ ▶❚❚ Start Uneven → Even | Unstable or inclined → Stable | Too much → Reduce | Too little → Add
U 14 **Unable to supply water**	**1** Check **2** ①② **3** ▶❚❚ Start Water outage | Turned off ➡ | Water supply filter (P. 29)
U 15 **Unable to drain during drying**	**1** ⏻ Turn off **2** Check the drain hose (Refer to U11) **3** ⏻ On **4** Select the drying program again ▶ ▶❚❚ Start

Error Display	Points to be checked		
 U 17 **Unable to spin**	**1** Restart Turn off On	**2** Run "Rapid 15" 	● Next time: / Low foam detergent
 H □□	**1**	**2**	**3**

■ **Information**

 hot **Unable to open**	Hot 	During drying (P. 14) Temp **Hold 3 sec.**	Start cooling ●●●●●●▶ 5 to 25 min.

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)

581
596
798
845
496.4
28.8
585
584.7
1078

■ **Set-in installation**

3 mm or more

2 mm or more

5 mm or more

2 mm or more

600 mm or more

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

Check the location.

NOTICE

May cause malfunction.

Do not install the appliance near the equipment that generates electromagnetic waves, such as an IH rice cooker.

Moving and Installing

Carrying the appliance

Do not do it alone.
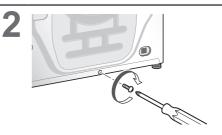
Remove all
packing cusions
before starting to
use the appliance.

Installation of bottom cover

1

2
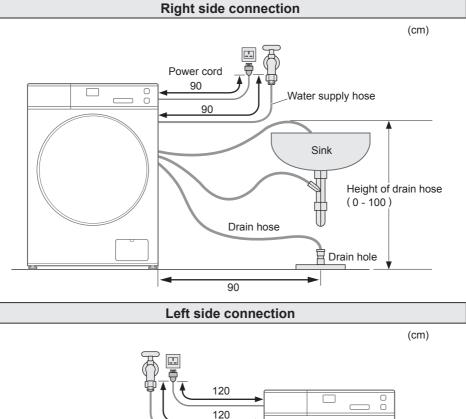
Moving and Installing (continued)

Removing the shipping bolts

1

Shipping bolts (4)

2 ① ②

3

Cover cap

NOTE

store

■ **Moving the appliance again**

Levelling the appliance

1

Spirit level (not supplied)

2 ① ②

Loosen and adjust

3

4

Tighten

NOTE

44
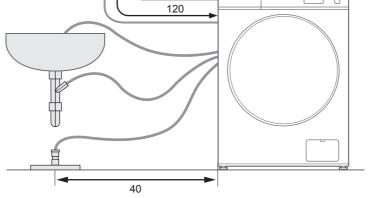
Connecting the Hoses

Connect the hoses properly to prevent water leaks.

## Maximum connection distances for hoses and the power cord

Right side connection

(cm)

Power cord
90

90

Water supply hose

Sink

Height of drain hose
(0 - 100)

Drain hose

Drain hole

90

Left side connection

(cm)

120

120

40

45
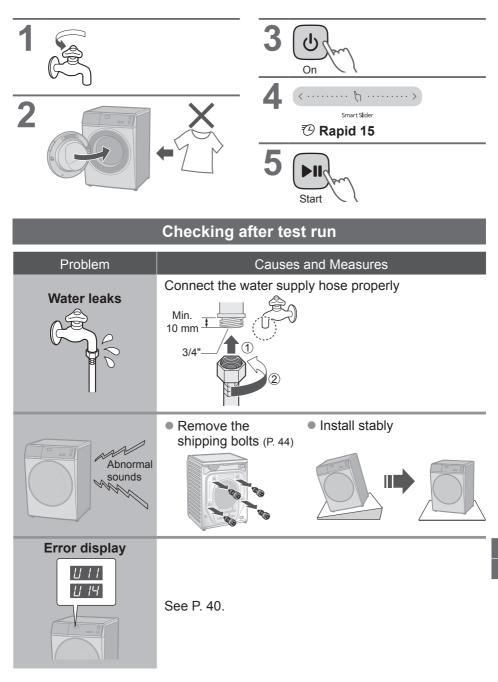
Water supply hose

■ Connecting the water supply hose

⚠ CAUTION

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

1

Water inlet

2

Min. 10 mm

3/4"

①

②

3

Drain hose

■ Draining to a sink or wash basin

NOTICE

✗   ✓

Elbow
(supplied)

■ Draining to a stand pipe

Stand pipe

■ Draining to a drain hole

NOTE

✗   ✗

✗   ✗

NOTE

● Do not cut/remove this belt. Otherwise the machine will display U14. (P. 40)

✗

46

Test Run

1

2

3
On

4
< · · · · · · · · · 👆 · · · · · · · · · >
Smart Slider

🕐 **Rapid 15**

5
Start

Checking after test run

Problem	Causes and Measures
Water leaks	Connect the water supply hose properly Min. 10 mm 3/4" ① ②
Abnormal sounds	● Remove the shipping bolts (P. 44) ● Install stably
Error display U 11 U 14	See P. 40.

47

Specifications

	NA-S106FR2
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
Heating energy rates power input (W) — For drying	905 - 1090
Maximum spin speed (r/min)	1400
Product dimensions (W x D x H) (mm)	596 × 585 × 845
Product weight (kg)	70
Maximum mass of dry cloth (Wash) (kg)	10.0
Maximum mass of dry cloth (Dry) (kg)	6.0
Pressure of tap water (MPa)	0.01 - 1.0