Panasonic

Operating & Installation Instructions

Washing Machine (Household Use)

Model No. NA-V10FX1 NA-V90FX1 NA-V80FX1 NA-V10FG1 NA-V90FG1 NA-V80FB1



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ΕN

Thank you for purchasing this product.

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



AWW9901A30A0-0B0

Safety Precautions

N WARNING

May cause serious injury or death

Children must not use it alone.

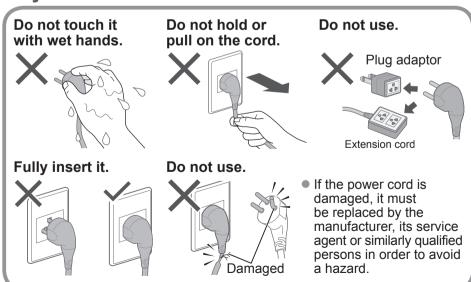


- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children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

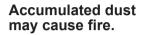
Setting the Child Lock. (P. 26)

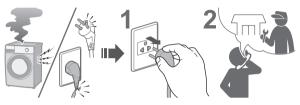


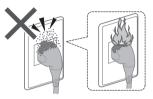
May cause fire or electric shock



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







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

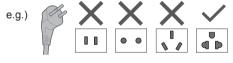
Wipe the power plug periodically.





Use a socket appropriate for this appliance.

Keep away from flammable materials.





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

May cause failure

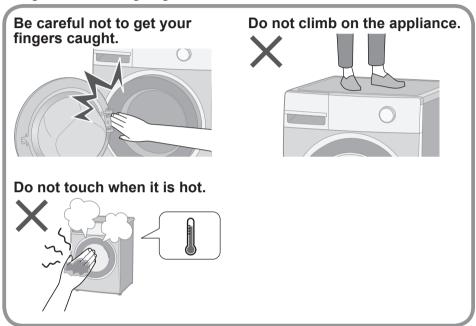
Do not disassemble, repair or modify it by yourself.



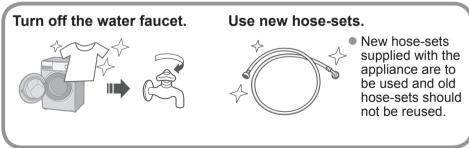
Safety Precautions (continued)

! CAUTION

May cause injury



May cause water leakage



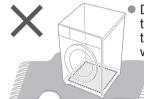
■ For maximum mass of dry cloth and pressure of tap water, see P. 44.

May cause failure

Keep away from heat and direct sunlight.



Do not obstruct.



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

Remove anchor bolts before operation.



Do not use hot water.



For machine-washable items only.



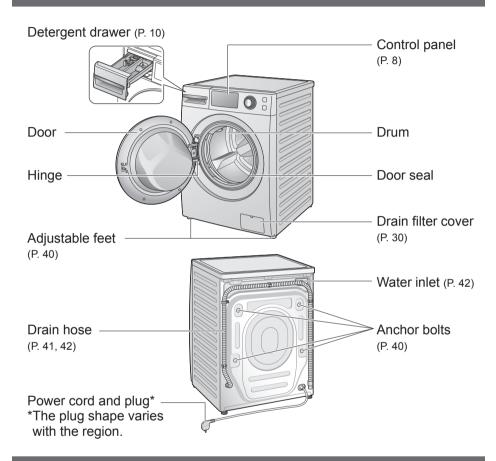
- This appliance is intended to be used in household.
 This appliance is not intended to be used in applications such as:
 - staff kitchen areas in shops, offices and other working environments;
 - farm houses;
 - by clients in hotels, motels and other residential type environments;
- bed and breakfast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

Do not wash excessively oily clothes.



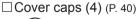
Checking Your Washing Machine

Part names



Accessories







☐ Water supply hose (P. 41, 42)



☐ Bottom plate (P. 39)



Before Washing

Preparing laundry

Pre-laundry check





Reverse



Clothes likely to pill









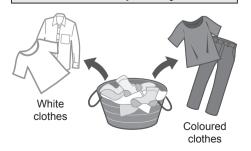






Paper diapers

Wash separately



Observe care labels.



Pretreat for heavily stains.



NOTE)

V10FX1 V90FX1 V80FX1 V10FG1 V90FG1

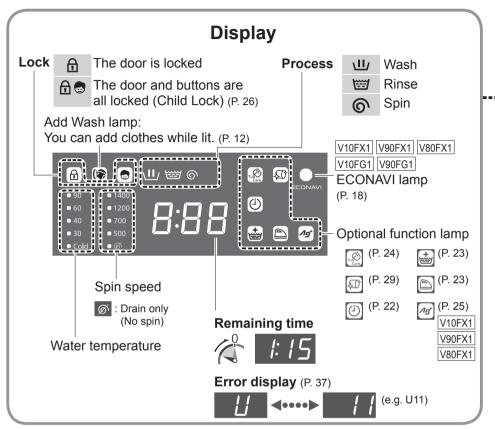
 "Mud / Oily Sauce / Collar & Sleeve" programs (P. 15) are recommended for removing stains.

Use laundry nets for delicates and small items



Control Panel

 Images in these instructions are of the NA-V10FX1, unless otherwise indicated.



■ NA-V10FG1/NA-V90FG1

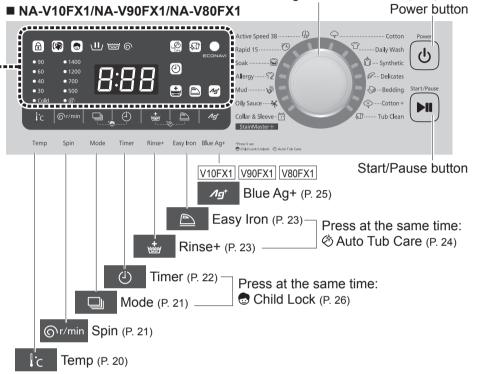


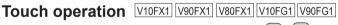
■ NA-V80FB1





Program selection dial (P. 14)





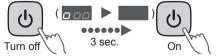
Operation buttons are capacitive (Except for 💩 / 🖭).

 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



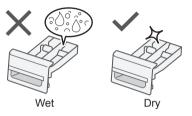
- - (Not pressed | Auto Power off 10 min.
- In case of a power failure
 - When the power recovers, operation resumes from where it stopped. (Auto Restart)

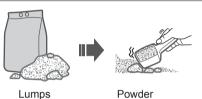
Detergent

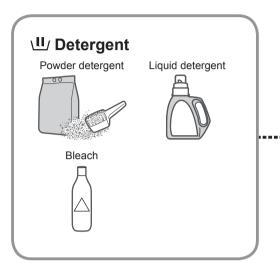
Detergent

Use a low foam detergent.

 To prevent powder detergent from remaining in the detergent drawer:







Fabric softener



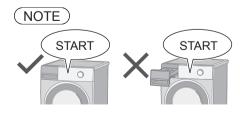


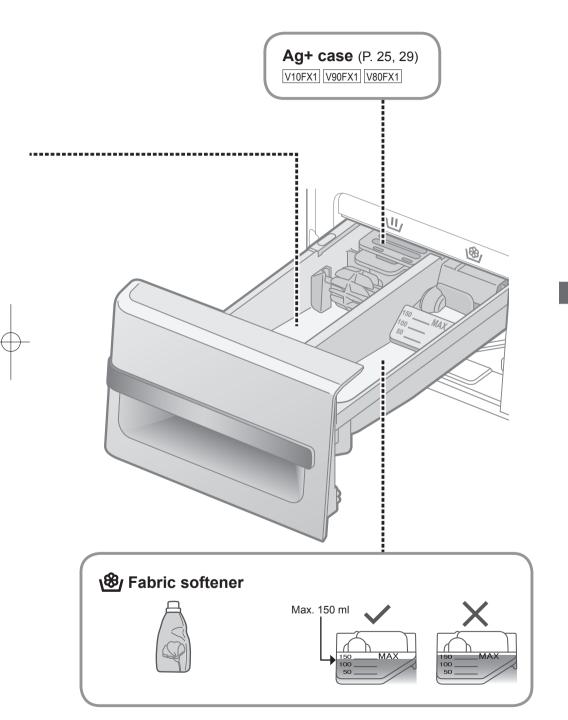


Separated or solidified softeners



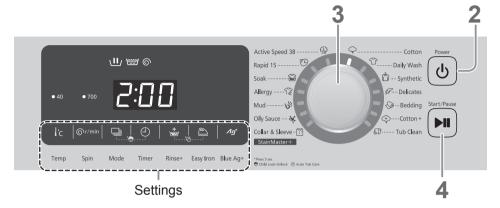






Washing (

Basic Method

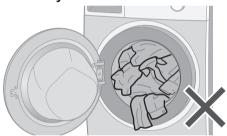


NOTE)

■ 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.)

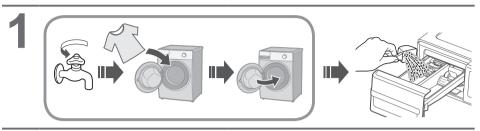


NOTE

Door does not open

(P. 32)





Settings

Easy Iron Blue Ag+

Mode

(P. 21)

V10FX1

V90FX1 V80FX1

(P. 25)

Timer

(P. 22)

Auto Tub

Care

(P. 24)

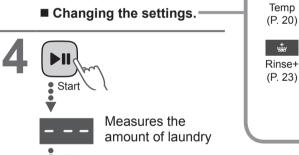
Spin

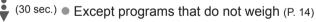
(P. 21)

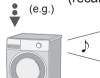
(P. 23)



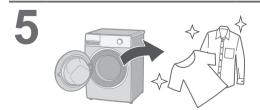
Select a program.







Displays the time required (recalculated)



Program List

			Total			
Program	Description	V10FX1/ V10FG1	V90FX1/ V90FG1	V80FX1	V80FB1	time
○ Cotton	• Everyday clothes	10.0	9.0	8.0	0	2:30
① Daily Wash	Daily Wash Everyday clothes (Quicker than "Cotton" program)			8.0		1:30
• Chemical fibres Synthetic			5.0			
Washing gently Delicates			2.0			
⊗ Bedding	3.0				1:30	
Gentle wash with extraction +		10.0	9.0	8.0	0	3:00
Cleaning the drum. Tub Clean			None			

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

Programs that the load is not weighed after pressing "Start/Pause": Synthetic, Deliates, Bedding, Rapid 15

Program	Description	V10FX1/ V10FG1	Max loa V90FX1/ V90FG1	ad (kg) V80FX1	V80FB1	Total time	
Small loads Speed 38 Small loads			5.0				
● Small loads of lightly soiled			2.0				
Soak	5.0				2:00		
• For ticks and pollen		10.0	9.0	8.0		3:15	
₩ Mud	₩ Mud		9.0	8.0	-	3:20	
★ Oily Sauce	5	10.0	9.0	8.0	-	3:00	
Collar & Sleeve		10.0	9.0	8.0	-	3:10	
Intensive	Washing powerfully		-		8.0	3:25	

Details of Programs

Settings		Available models		Auto s		
Program		V10FX1/V10FG1/ V90FX1/V90FG1/ V80FX1	V80FB1	Temp (°C)	Spin (r/min)	
Q	Cotton	✓	✓	40	1200	
T	Daily Wash	✓	✓	40	1200	
Ů	Synthetic	✓	✓	30	700	
B	Delicates	✓	✓	30	500	
(Bedding	✓	✓	Cold	700	
(Cotton +	✓	✓	60	1400	
₹ D	Tub Clean	✓	✓	40	1200	
(j)	Active Speed 38	✓	✓	40	1200	_
₹	Rapid 15	✓	✓	Cold	1200	
	Soak	✓	✓	40	1200	
TE	Allergy	✓	✓	90	1200	
Pri	Mud	✓	_	40	1200	
*	Oily Sauce	✓	_	40	1200	
	Collar & Sleeve	✓	_	40	1200	
	Intensive	_	✓	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.
- The test 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			Ol	otional f	unctior	าร	
Temp (°C)	Spin (r/min)	Mode	Timer	Rinse+	Easy Iron	Blue Ag+	Auto Tub Care
Cold, 30, 40, 60	Ø, 500, 700, 1200, 1400	✓	✓	✓	✓	✓	✓
Cold, 30, 40, 60	Ø, 500, 700, 1200, 1400	✓	✓	✓	✓	✓	√
Cold, 30, 40	Ø, 500, 700, 1200	✓	✓	✓	✓	✓	✓
Cold, 30, 40	Ø , 500	✓	_	✓	_	\checkmark	
Cold, 30	Ø , 500, 700	✓	✓	✓	_	✓	-
Cold, 30, 40, 60	<u>Ø</u> , 500, 700, 1200, 1400	✓	✓	✓	✓	✓	✓
40	1200	_	_	_	_	_	_
Cold, 30, 40	Ø, 500, 700, 1200, 1400	✓	\checkmark	_	✓	\checkmark	\checkmark
Cold	Ø, 500, 700, 1200	_	✓	_	_	_	_
Cold, 30, 40	Ø, 500, 700, 1200, 1400	✓	\checkmark	✓	✓	\checkmark	\checkmark
60, 90	Ø, 500, 700, 1200	_	✓	✓	✓	_	✓
40	Ø, 500, 700, 1200, 1400	✓	\checkmark	✓	✓	\checkmark	\checkmark
40	Ø, 500, 700, 1200, 1400	✓	✓	✓	✓	✓	✓
40	Ø, 500, 700, 1200, 1400	✓	✓	✓	✓	\checkmark	✓
40	<u></u> 500, 700, 1200, 1400	✓	✓	✓	✓	_	✓

Blue Ag+: V10FX1 / V90FX1 / V80FX1

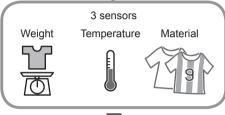
Washing Tips

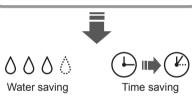
ECONAVI

V10FX1 V90FX1 V80FX1 V10FG1 V90FG1

"Cotton" program only







Delicates

■ When washing

 To rinse fully, use the "Rinse+" function. (P. 23)



■ After operation ends



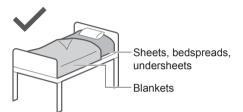
■ Lamp indications



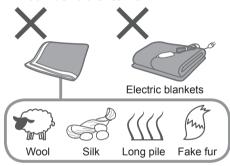
Bedding

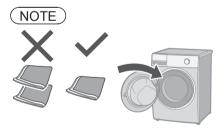
■ Washable items

- ₩ (Wash) 100 % cotton or 100 % synthetic

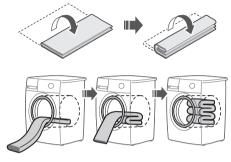


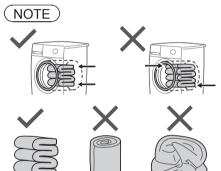
■ Not washable items





■ Putting blankets into the drum





Changing Program Settings

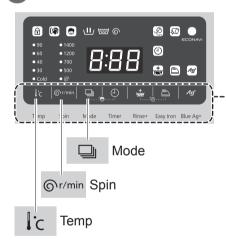
■ Preparing

- Sort the laundry and put it into the drum. (P. 7)
- Add the detergent. (P. 10)



2 (P. 14)

Change the program's settings.



- Available options and setting ranges are different depending on the program. (P. 16)
- An alarm sounds if you select an option that is unavailable.

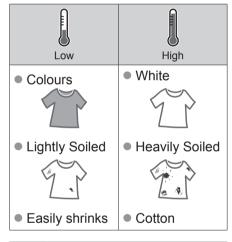


C Temp

Change the washing temperature.



■ Setting guide



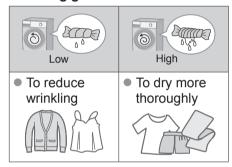
3 ic (P. 17)

©r/min Spin

Change the spin speed.



■ Setting guide



(P. 17)

■ To change the setting while washing



- 1 Pause
- 2 Or/min
- 3 Start

■ Mode

Select a combination of wash, rinse and spin.



3

Wash
Rinse
Spin
Wash and rinse
Wash and spin
Rinse and spin

- *1 Water is drained after wash process.
- *2 Drains first if there is water in the drum.

Changing Program Settings (continued)

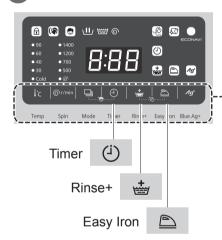
■ Preparing

- Sort the laundry and put it into the drum. (P. 7)
- Add the detergent. (P. 10)



2 (P. 14)

Change the program's settings.



- Available options and setting ranges are different depending on the program. (P. 16)
- An alarm sounds if you select an option that is unavailable.





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

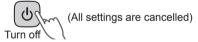




■ To check a preset time



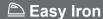
■ To cancel settings





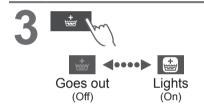
Add an extra rinse.

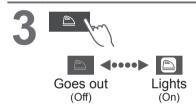


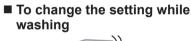


Gentle spindry (at 700 r/min or less) makes ironing easier.

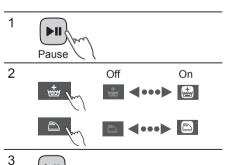












Start



After operation ends

Rotate intermittently



(To take out the laundry during operation)



Changing Program Settings (continued)

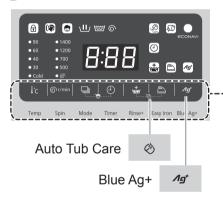
■ Preparing

- Sort the laundry and put it into the drum. (P. 7)
- Add the detergent. (P. 10)



2 (P. 14)

Change the program's settings.



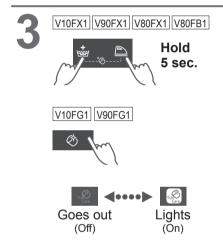
- Available options and setting ranges are different depending on the program. (P. 16)
- An alarm sounds if you select an option that is unavailable.





Add tub cleaning process.





NOTE

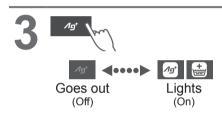
The setting is memorized.

∕lg⁺ Blue Ag+

V10FX1 V90FX1 V80FX1

Bacteria elimination function (Max. 3 kg).





■ 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(P. 29)
- Wash without "Ag+"



NOTE)

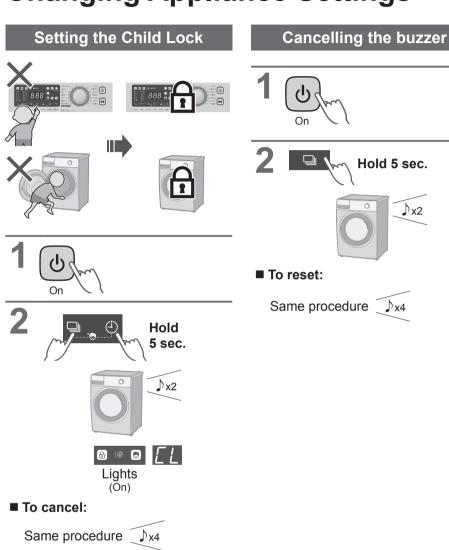
 Do not use the water for other purposes.



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



Changing Appliance Settings



♪x2

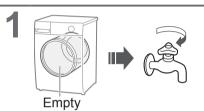
Goes out (Off)

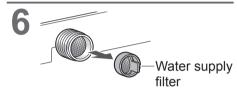
Maintenance

Water supply filter

If water does not flow smoothly



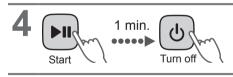


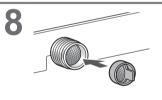


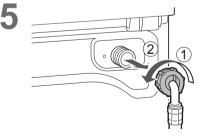


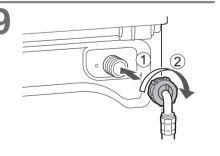




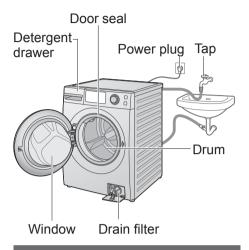




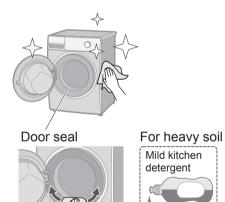




Maintenance (continued)



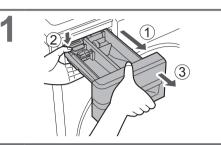
Appliance

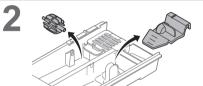


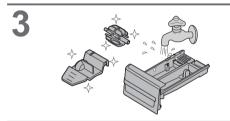


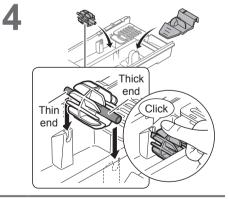
 Do not use gritty cleaners or thinners, or products containing alcohol or paraffin oil.

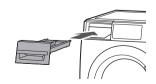
Detergent drawer







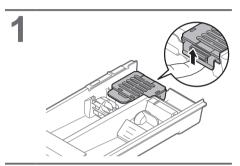


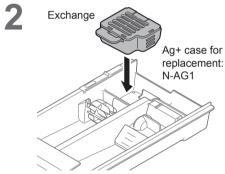


If the contents are decreased

■ Change Ag+ case

V10FX1 V90FX1 V80FX1





NOTE

You cannot open Ag+ case.

Drum

Once a month or if flashes Tub Clean>

1

Whitening bleach (chlorine bleach)



4 Select



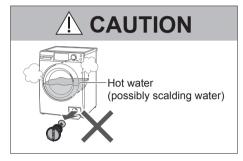
NOTE)

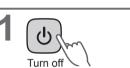
If the "Tub Clean" program is not run, the indicator goes off when other program is run 3 times.

Maintenance (continued)

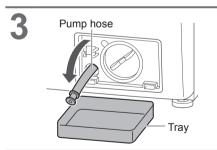
Drain filter

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



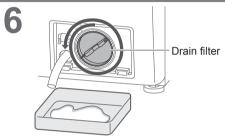




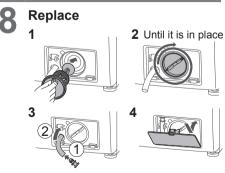




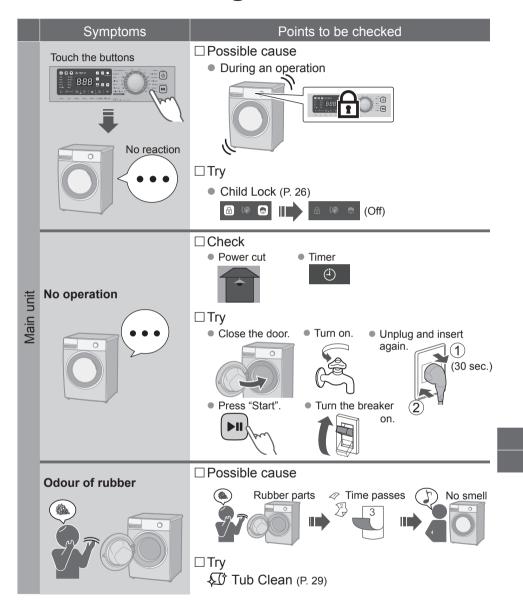




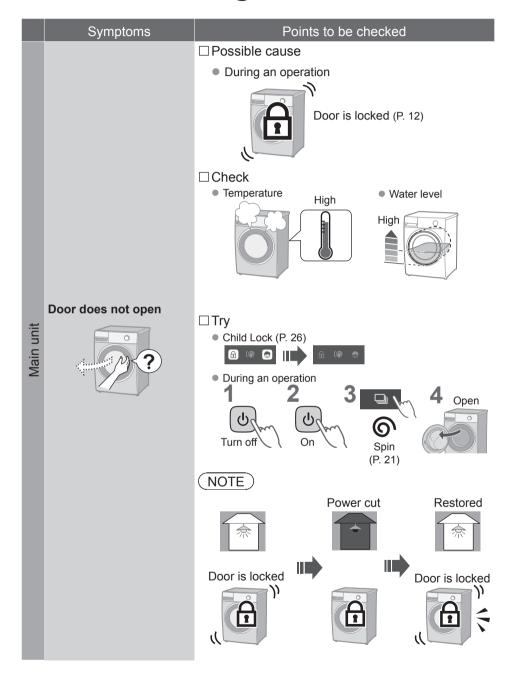


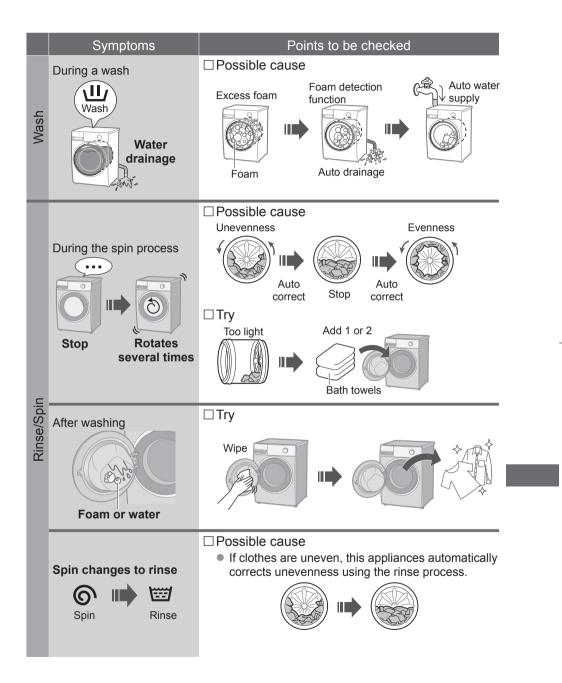


Troubleshooting

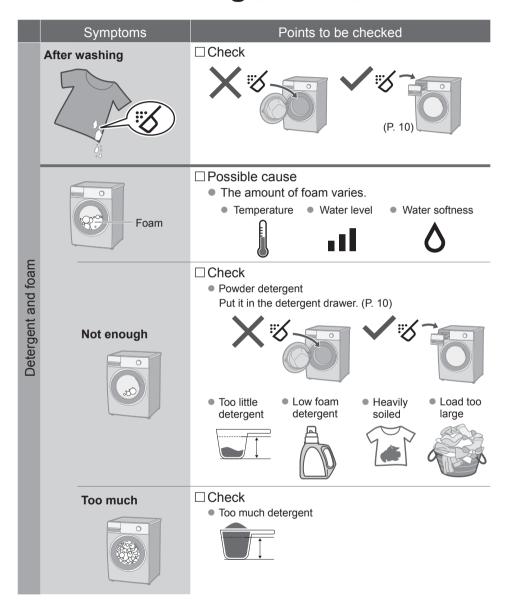


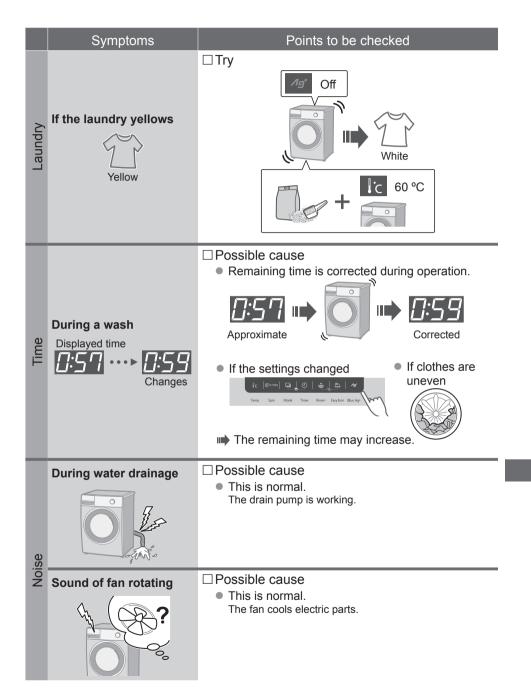
Troubleshooting (continued)





Troubleshooting (continued)

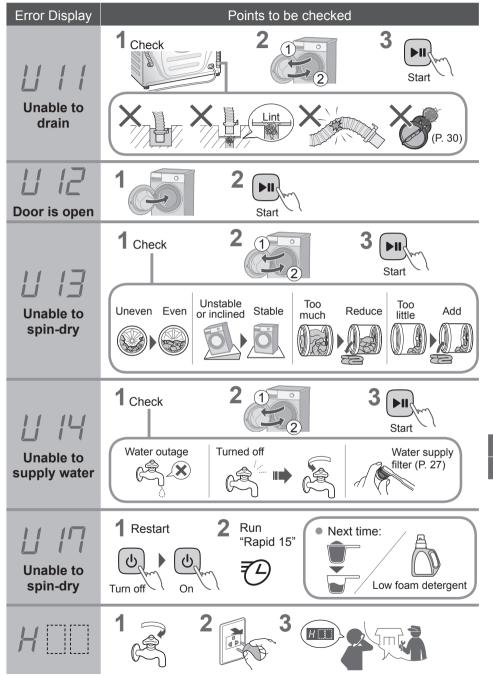




Troubleshooting (continued)

	Symptoms	Points to be checked
Noise	Unusual noise (or vibration)	 Metal items Anchor bolts (P. 40) Slope or an unstable surface Adjust 4 feet (P. 40)
Others	Power cut Breaker Off	 Check When the power recovers, operation resumes from where it stopped.

Error Display



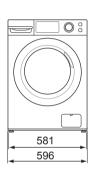
Choosing the Right Location

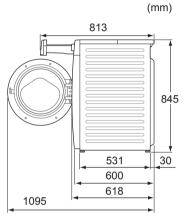


Make sure to ask a service person for installation.

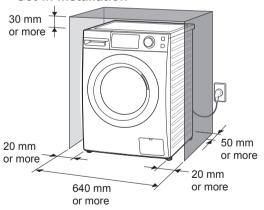
- Do not install the appliance by yourself.
- Follow this installation method. If you do not, Panasonic will not be liable for any accidents or damages.

Appliance dimensions

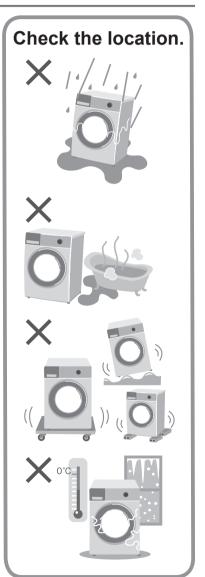




■ Set-in installation



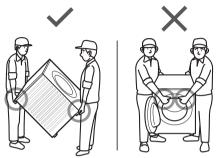
 Do not let the metallic portions of the appliance come into contact with metal sinks or other appliances.



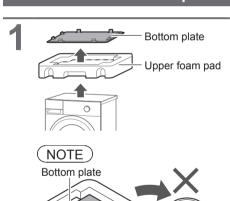
Moving and Installing

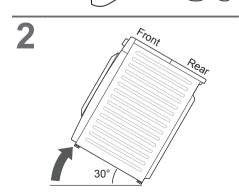
Carrying the appliance

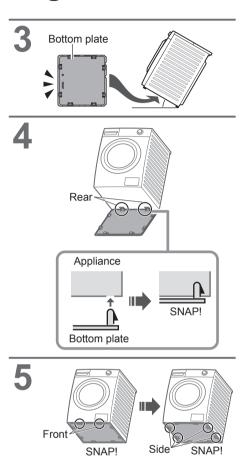
Do not do it alone.



Installation of bottom plate







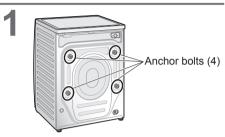
NOTE

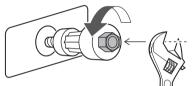


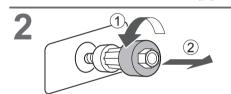
Moving and Installing (continued)

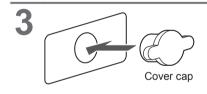
Removing the anchor bolts

Levelling the appliance



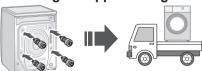


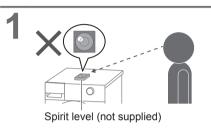


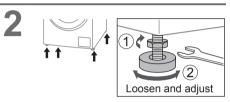


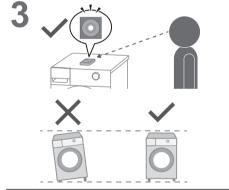


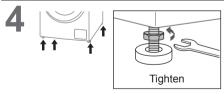
■ Moving the appliance again

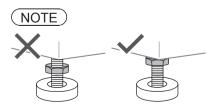












Connecting the Hoses

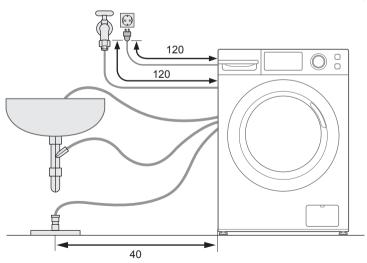
Connect the hoses properly to prevent water leaks.

Maximum connection distances for hoses and the power cord

Right side connection (cm) Power cord 90 Water supply hose Height of drain hose (0 - 100) Drain hole

Left side connection

(cm)



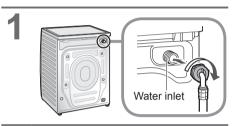
Connecting the Hoses (continued)

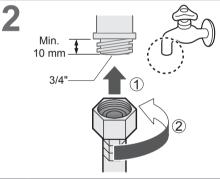
Water supply hose

■ Connecting the water supply hose

! CAUTION

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



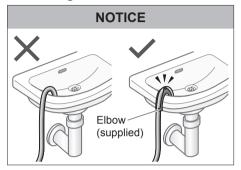




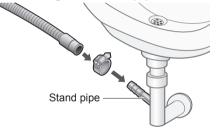


Drain hose

■ Draining to a sink or wash basin

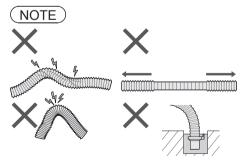


■ Draining to a stand pipe

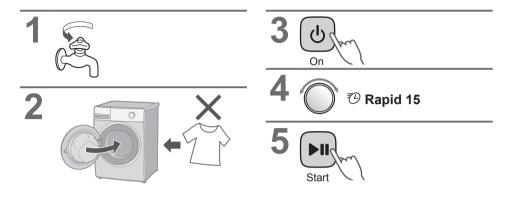


■ Draining to a drain hole

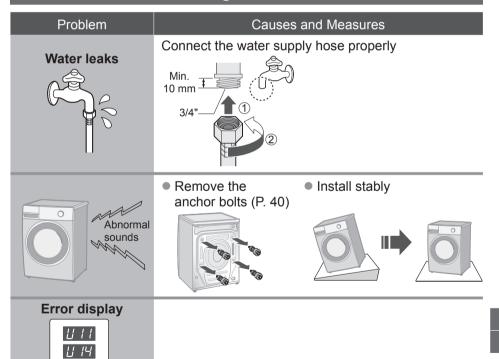




Test Run



Checking after test run



Specifications

■ For Singapore

	V10FX1	V10FG1	V90FX1	V90FG1	V80FX1	V80FB1	
Rated voltage (V)	220 - 240						
Rated frequency (Hz)	50						
Maximum energy rated power input (W)	1740 - 2000						
Maximum spin speed (r/min)	1400						
Product dimensions (W x D x H) (mm)	596 × 600 × 845						
Product weight (kg)	75						
Maximum mass of dry cloth (kg)	10.0 9.0 8.0				.0		
Pressure of tap water (MPa)			0.03	3 - 1			

■ For Philippines

	V10FX1	V80FB1	
Rated voltage (V)	230		
Rated frequency (Hz)	6	0	
Maximum energy rated power input (W)	18	70	
Maximum spin speed (r/min)	1400		
Product dimensions (W x D x H) (mm)	596 × 600 × 845		
Product weight (kg)	7	5	
Maximum mass of dry cloth (kg)	10.0 8.0		
Pressure of tap water (MPa)	0.03 - 1		