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PANASONIC NC-PF30PV Owner's Manual

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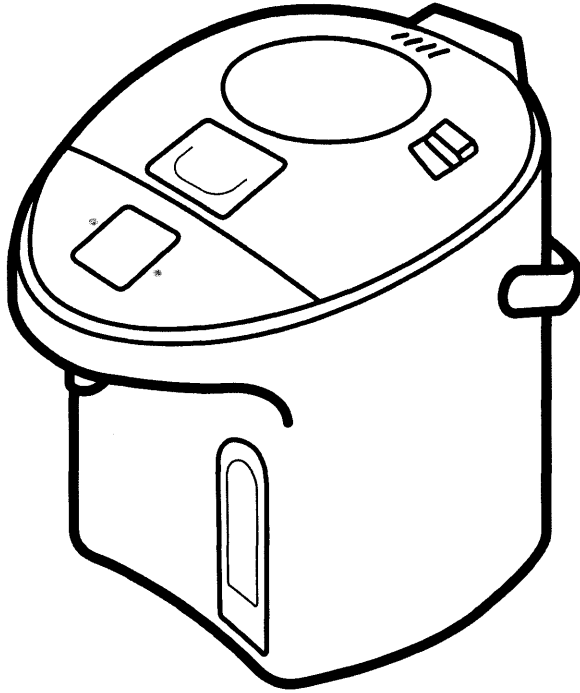
Panasonic

Operating Instructions 使用說明書

Electric Thermo Pot

電子保溫熱水瓶

NC-PF30PV



Thank you for purchasing the electric thermo pot, NC-PF30PV.
Please read these instructions carefully before using this product and
save this manual for future use. This product is intended for household use only.

承蒙您購買 NC-PF30PV 型號的保溫熱水瓶，衷心感謝。請仔細閱讀本使用說明書，
正確使用本產品。之後請妥善保管好，以便需要時閱讀。本商品只限家庭用。

①

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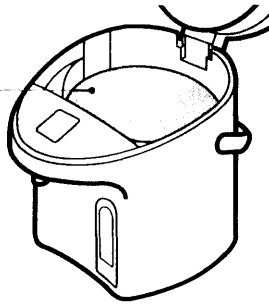
主要特點	
安全注意事項	
各部分名稱和操作方法	
使用方法	
方便的使用方法	
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Main Features

Tasty

- **Boiling with the effects of charcoal coating**

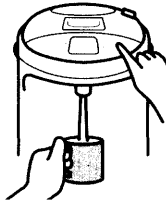
The inner container is fluoridated with flourey charcoal, which brings the fine color, taste, and flavor of tea.



Convenient

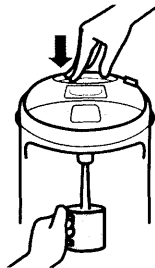
- **Electric dispense**

(See "Pouring out" on P.11)



- **Air dispense**

Can also be used in cordless operation. (See "Pouring out in cordless" on P.13)



Economy use

- **4 Timer selections**

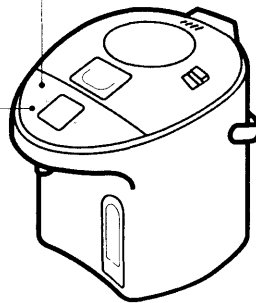
4 / 6 / 8 / 10 hour Timer can be selected. (See "Setting the timer" on P.12)

- **4 Keep-warm temperature selections**

98 / 90 / 80 / 60 keep-warm temperature can be selected. (See "Keep-warm function" on P.12)

- **VIP Keep-warm**

The heat insulator keeps hot water temperature, and that will be an economization on electricity.



Safety Precautions

For your safety and in order to prevent the prop please read the following instructions strictly.

■ The signals indicate harm and damage when



WARNING

Indicating " it ma cause severe injuries and dea

■ The symbols indicate specified items that mu



This symbol indicates prohibition.



To Prevent Burns



This appliance is not intended for use by persons who have physical, sensory or mental disabilities unless they have been given supervision and instruction by a person responsible for their safety. Children should be supervised when using this appliance.

Do not let the unit fall over. Do not touch the steam vent. Even when the dispense key is pressed, hot water can spill from the steam vent, causing burns.

Do not pour in water above the maximum fill line. If the kettle is overfilled, boiling water may overflow, causing burns. Hot water can spill causing burns.

Do not close the lid by force. Hot water can spill causing burns.

Do not boil anything other than water. Do not heat tea bags, tea leaves, alcohol or anything other than water. Boiling anything other than water may cause it to spurt out hot liquid, causing burns.

The water tube may also get close to the inner container may burn or cause damage to the fluororesin insulating coating material.

Do not block the steam vent. Hot water can overflow causing burns.

Do not throw away the remaining water while the lid is attached. If the lid comes off, hot water may spill out causing burns.

Do not touch the steam vent. This may cause burns. Take special care to prevent infants from touching the steam vent.



Close the lid securely. In case the unit topples over, hot water may spill out causing burns.

⚠️ WARNING



Power Cord



Never do anything that might cause damage to the cord, power plug or body plug, such as damage them, modify them, place hot objects near to them, bend them, twist them, stretch them, place heavy objects on them, or bundle them together. If the unit is used when damaged, electrical short circuit or fire may result.

- If the supply cord is damaged, it must be replaced by a special cord available from the manufacturer or its service agent.

Do not connect or disconnect the power plug or the body plug with wet hands. This may result in electric shock.

Do not allow infants access to the body plug. You must pay special attention to prevent infants from putting the body plug into their mouths. This may result in electric shock or injury.

Do not place small metal parts near the body plug. This may result in electric shock, electrical short circuit or fire.



Make sure the power plug is correctly inserted into the wall outlet. If the plug is inserted improperly it may cause electric shock or generate heat resulting in fire.

- Do not use a damaged plug or a connection in a loose outlet.

Clean dust from the power plug or the body plug regularly. A build-up of dust on the plug will attract condensation, which could cause cable damage and the deterioration of insulation resulting in fire.

- Remove the plugs and clean them with a dry cloth.

Use a single outlet that matches the power rating of the unit. Heat generated when plugging in multiple appliances into one outlet may result in fire.

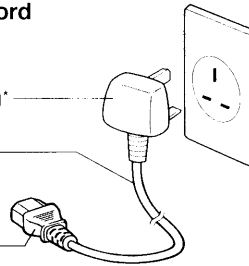
Power cord

Power plug*

Cord

Body plug

*The shape of plug differs according to region.



During use



Do not immerse the unit in water or splash water over it.

- Do not supply water directly from the tap or place the unit in a sink where the bottom may get wet.
- Do not turn the unit upside down when the bottom is wet. It may cause a short circuit and may result in electric shock, and also if the water overflows the pot and it enters the electrical parts built into the main unit, it may cause malfunction.

Never disassemble, repair or modify the unit. Any attempt to do so may cause the unit to operate abnormally and may result in fire or injury.

- If in need of repair (except for the replacement parts), please contact an authorized Service Center.

Do not use to store ice. Condensation will occur, creating a potential source of electric shock and malfunction.

To Prevent Burns



Do not place the unit on unstable surfaces. The appliance may topple over causing injury.

When opening or closing the lid, Steam can cause burns.

Do not open the lid or dispense hot water or steam while the unit is operating. Splashing hot water or steam may cause burns.

Do not rotate the unit while dispensing hot water or steam. Splashing hot water may cause burns.

Do not touch the hot parts of the unit. This may cause burns.

When carrying the unit, do not touch the lid. The lid may open causing burns and injury.



Wait until the unit is cooled down before touching. A hot appliance may cause burns.

- When disposing hot water, be careful.

Power Cord



Only use the power cord designed for the unit and do not use this cord with other appliances. It may cause malfunction or fire.



When the unit is not in use, unplug the power cord. Deteriorating insulation may result in fire.

When unplugging the unit, pull the power plug. Electric shock and short circuit may occur.

During use



Do not use the unit on surfaces that are not level. The unit may get discolored or break.

Do not place near walls or furniture. Steam and heat could damage walls or furniture.

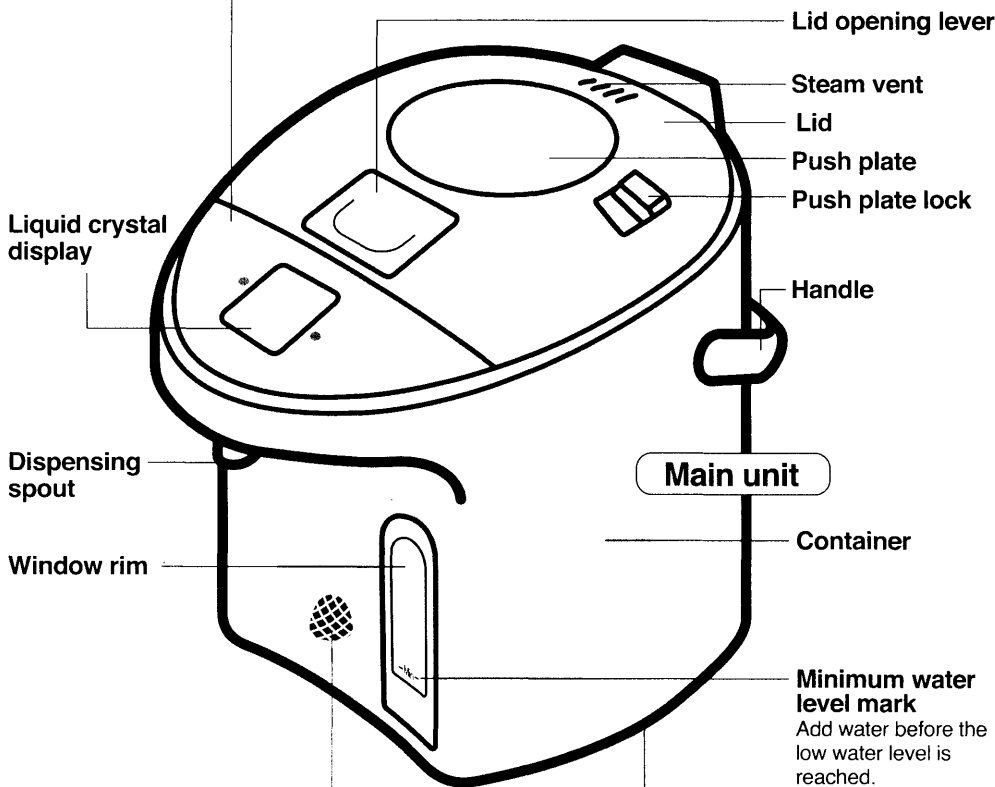
Important

Do not use Electric
Hot water may splash

Part Names and Handling Instructions

Operation panel

If the protective film is still covering the surface of the operation panel, peel it off before using the operation panel.



Rotating base (360 degrees)

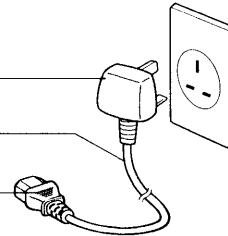
When rotating the pot, do not allow the cord to wind around the unit.

Power cord

Power plug*

Cord

Body plug

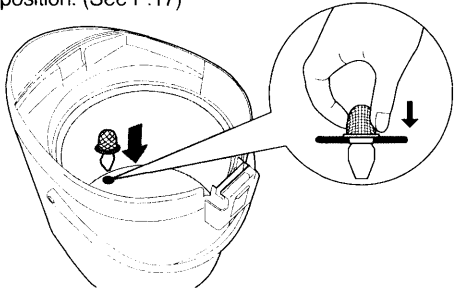


*The shape of plug differs according to region.

Mesh filter

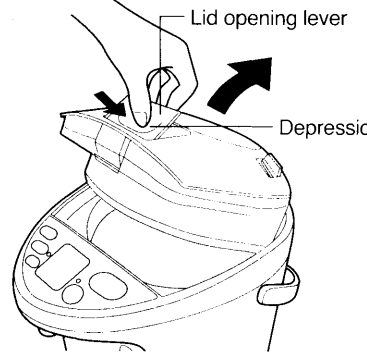
(Replaceable part)

It may have come off from the bottom of the container. Push it completely into the correct position. (See P.17)



How to

Press the depression in the lid opening lever, and lift the lid.

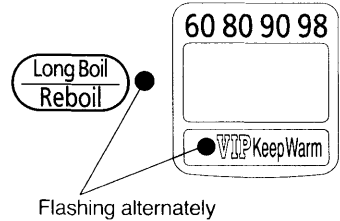


To close

Press down on the lid until it clicks.

Over

If an empty container is heated, the container from being heated) will be to prevent the problems that may occur display as shown below.

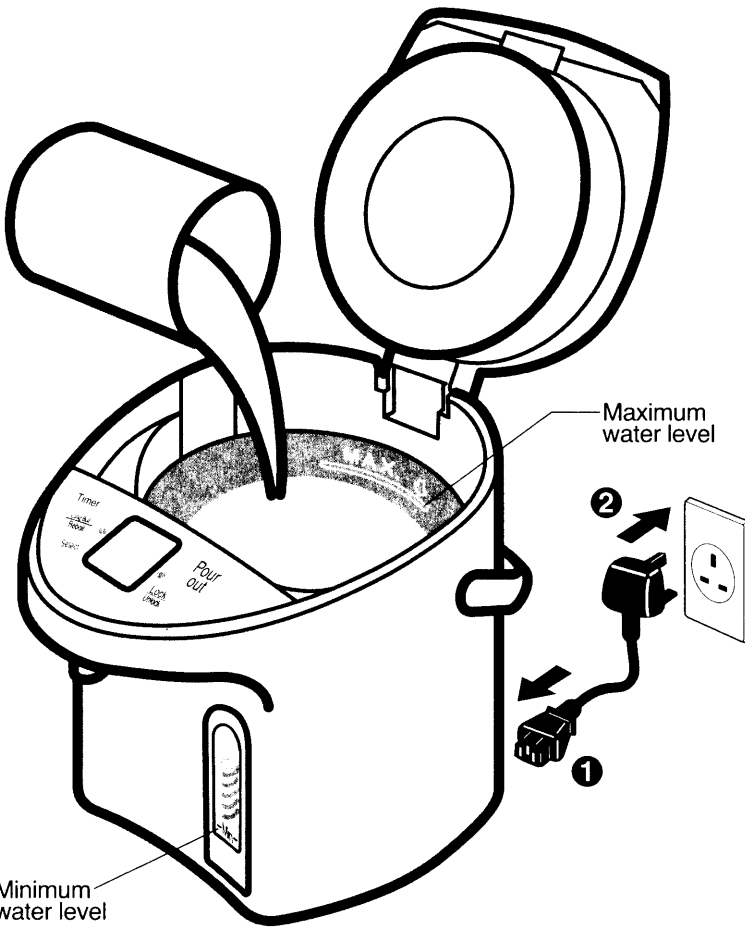


Notice

If an empty container is heated, it may be discolored.

How to Use

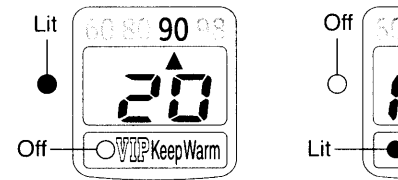
How to Use



Boiling water

Pour in water with another container. Close lid.
Securely plug the body plug horizontally into wall outlet. (1 → 2)

Water starts boiling automatically. → After the water is boiled, the indicator light will be lit.



Time required to boil water
 approx. 27 min.
 (Amount of water: Maximum Water / Full)

Pouring out
 (Electric dispense)

Press the **Lock/Unlock** key to release lock. →



Before you use this pot for the first time

Boil water in it to clean the thermo pot container and the sections through which the hot water is dispensed.

- 1 Boil some water.**
- 2 Dispense the hot water.**
- 3 Empty the container via "DRAIN" mark.**

How to reduce the chlorine in the water

Press **Long Boil/Reboil** key to make the indicator light flash.
 (Press one time while water is being boiled, and press twice while water is being kept warm.)
 Extends the boiling time by about 6 minutes to reduce the chlorine by about 80% in the water.
 • Press **Long Boil/Reboil** key again to boil.

When to use the DRAIN mark

Unplug, and remove the lid. Pour water slowly via the **DRAIN mark.**

Lid release part

Operation part

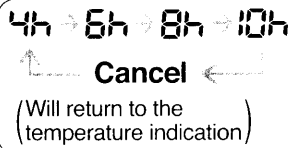
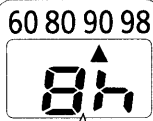
Convenient use methods

Convenient use methods

When the unit will not be used for a short time, such as when you go out for the day...

Setting the timer

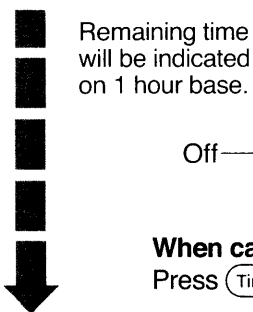
- Each time **Timer** key is pressed the light will shift to the next choice.



When the water will be boiled 8 hours later

Press the **Timer** key and indicate **8h**.

The timer will be started



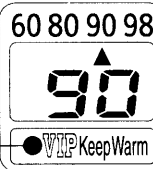
Remaining time will be indicated on 1 hour base.



When cancel the timer
Press **Timer** key again.

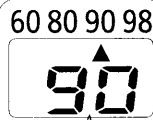
8 hours later, timer will go off and water starts boiling

When the water is brought up to boiling temperature, keep-warm at the settled temperature.



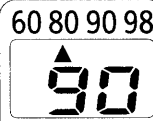
Keep-warm function

- Each time **Select** key is pressed, "▲" mark will shift to the next choice and change the keep-warm temperature.

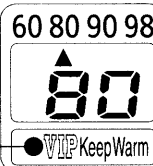


When the keep-warm temperature changes from 90 to 80 keep-warm

Press the **Select** key and set at "80".



After a short time, water will be kept warm at approx. 80°C.



Time required to reach the settled keep-warm temperature

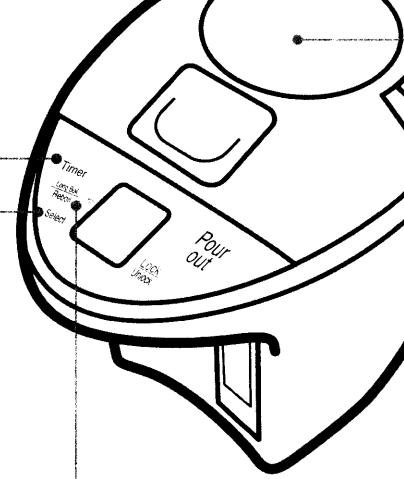
- 90 → 80 keep-warm: approx. 2–2.5 hours
- 90 → 60 keep-warm: approx. 6–7.5 hours
- 90 → 98 keep-warm: approx. 7–16 min.

(Amount of water: Maximum
Room temperature: 20°C
Previous keep-warm setting: 90)

Convenient

- It is ideal to use 80°C keep-warm for making green tea.
- It is ideal to use 60°C keep-warm for making milk for a baby.

(Be sure to leave milk to cool down or mix it with cool boiled water before giving it to a baby.)



Reboil

Press the **Long Boil Reboil** key to reboil water that is being kept warm.



After a few minute, water will be boiled.



- The keep-warm temperature setting left unchanged.

Time required for the reboil procedure

- From 98°C keep-warm: approx. 1–3 min
- From 90°C keep-warm: approx. 4–7 min
- From 80°C keep-warm: approx. 6–11 min
- From 60°C keep-warm: approx. 9–15 min

(Amount of water: Maximum
Room temperature: 20°C)

Convenient

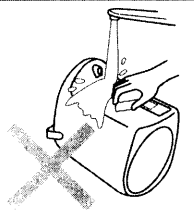
- It is ideal to use boiling water for making coffee / tea / instant cup noodle etc.

Daily Maintenance (Before cleaning, be sure to disconnect the plug from outlet, dispense water and allow to cool the unit.)

Main unit and lid

Clean with a damp, well-wrung cloth.

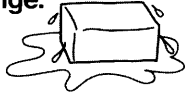
- Do not wet or soak the main unit in water.
(If water enters the main unit from the bottom or from the dispensing spout, it can also get into the electrical components in the main unit and may cause a malfunction.)
- Do not use detergents. (They may leave an odor.)
- Do not use benzine or thinner. (They may damage the surface.)



Inner container

Clean with a wet sponge.

- Do not use polishing powder, a scrub brush or a nylon brush.
(They may damage the fluororesin finish of the inner container.)



About "Scale"

While you are using this unit, minerals contained in the water (like calcium) can get stuck on the inner container or on the mesh filter. This is called "scale", and it is harmless.

- Milky-white gritty surface (caused by calcium)
- White or glittering floating material (crystals of minerals)
- Discoloration in the finish like dark brown, gray, or green areas (metallic ion made on the fluororesin covering)

These are not discoloration or corrosion of the inner container itself, nor are they flakes from the fluororesin covering.



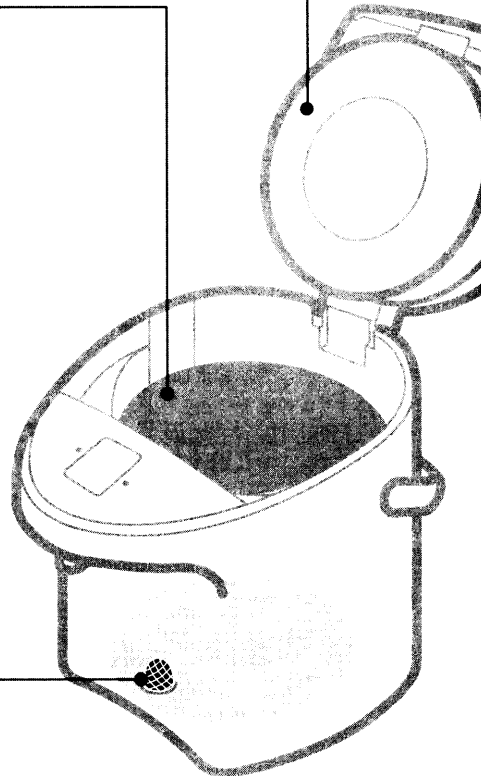
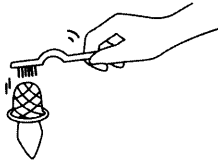
Clean the inner container using citric acid. (See P.15)

Mesh filter

Clean the filter with a brush.

When filter is clogged, water does not flow smoothly.

*After cleaning the filter, be sure to reattach it to the inner container.



When store the unit

- Dry it thoroughly.
- Put it into a plastic bag and seal the bag to keep insects from getting in.

When the scale adhered **Clean w**

1 Make sure that the mesh filter

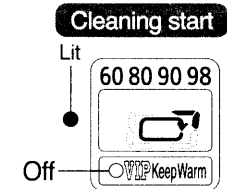
2 Put citric acid in the inner co

- Amount of citric acid to be used at 80 g (two packages) or seven level
- *In case that our citric acid is not available, lemons in a small cheesecloth bag and (The detergency of lemon is less effecti

The citric acid is available from a
* Follow the directions for cleaning
* Since the citric acid used for clear

3 Add water to the maximum w mix the citric acid and water

4 Connect the plug immediatel more than 3 seconds.



Liquid crystal indication would be rotated during cleaning.

5 Dispense some water, then u hot water via the 'DRAIN' ma

6 Refill with water and boil it to Then throw the hot water awa

- To remove any discoloration from the area, use a wet sponge.
- If the discoloration cannot be removed by rubbing...

Cautions

- Use only our citric acid to clean this therm...
- Do not fill with water above maximum wa...
- Fill the container only with tap water (do no...

Troubleshooting

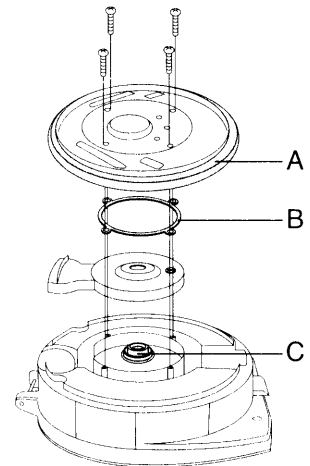
Before calling a service supplier, please check the following possible causes.

If...	Possible cause	How to fix
White or glittering flakes floating in the hot water.	<ul style="list-style-type: none"> The cause of this is "scale". (See P.14) It is not flakes of fluororesin. * Water with a large content of minerals in it such as mineral water or ionised water, is more likely to cause a scale or white layer in the hot water. 	<ul style="list-style-type: none"> Clean the inner container with a wet sponge. (See P.14) If the "scale" still remained, clean with citric acid. (See P.15)
Boiling sounds become louder.	<ul style="list-style-type: none"> When "scale" adhered, boiling sounds become louder. 	
Hot water has odors of chlorine.	<ul style="list-style-type: none"> Odors of chlorine remain depending on the amount of chlorine in tap water. 	<ul style="list-style-type: none"> Press the 'Long Boil/Reboil' key to reduce the chlorine. (See P.10)
Hot water has an unpleasant odor.	<ul style="list-style-type: none"> When the unit is new, resin used in manufacture may give off a mild odor. This will disappear with use. If the unit is placed on surfaces such as a vinyl sheet, the odor may be carried over into the water. 	
Hot water comes out by itself.	<ul style="list-style-type: none"> Water has been added above maximum water level. 	<ul style="list-style-type: none"> Lower the water level.
Hot water does not flow out smoothly.	<ul style="list-style-type: none"> The mesh filter may be clogged with "scale". (See P.14) 	<ul style="list-style-type: none"> Clean the filter with a brush. If the "scale" cannot be removed, replace the filter. (See P.17)
Electric dispense	<ul style="list-style-type: none"> Rubber gaskets may be spoiled. 	<ul style="list-style-type: none"> Replace gaskets. (See P.17)
Air dispense	<ul style="list-style-type: none"> It is harder to dispense if the keep-warm temperature or water level is low. 	
Hot water does not dispense.	<ul style="list-style-type: none"> The automatic lock has been engaged. 	<ul style="list-style-type: none"> Press the 'Lock/Unlock' key.
Electric dispense	<ul style="list-style-type: none"> The Push plate lock lever is locked. 	<ul style="list-style-type: none"> Unlock the Push plate lock lever.
Air dispense	<ul style="list-style-type: none"> The lid is opened. 	<ul style="list-style-type: none"> Close the lid securely.
The indicator lights flash alternately.	<ul style="list-style-type: none"> Overheating protection has been activated (See P.9) 	<ul style="list-style-type: none"> Add water and press 'Long Boil/Reboil' key.
	<ul style="list-style-type: none"> The indicator lights may flash alternately by adding boiling water or the way the water is supplied. 	<ul style="list-style-type: none"> Press the 'Long Boil/Reboil' key.
	<ul style="list-style-type: none"> When the inner container is cleaned with citric acid, citric acid have built up on the bottom. 	<ul style="list-style-type: none"> Disconnect the plug, and stir the citric acid well to disperse.
<ul style="list-style-type: none"> If the problem is not fixed after checking the above possible causes, or if you think something is strange, disconnect the body plug from the unit. Wait at least 10 seconds and then re-connect the plug. The semi-transparent inner part inside the lid may become yellowish. This does not affect operation of the unit. The rattling noise in the lid is made by small ball-shaped components which prevent water from flooding out if the unit topples over. If the room temperature is very high, the outside of the main unit may reach about 50°C. 		
The indicator lights flash alternately and displayed H1.	<ul style="list-style-type: none"> This is malfunction of the sensor. Contact the stores where you purchased. 	

Replacement of Part

Rubber gasket set (A, B, C)

Replace gaskets if they crack, lose their pliability for any other reasons which allow steam to leak from between the container and the lid.



Remove lid, unscrew 4 tapping screws and the lid cover. Exchange the gaskets and the lid cover back and secure with the tapping screws.

Specifications

Model No.	
Power supply	
Power consumption	
Average power consumption in keeping warm (approx.) (Amount of water: maximum) (Room temperature: 20°C)	
Dimensions (when the handle is tilted)	Height (approx.)
	Width (approx.)
	Depth (approx.)
Weight (including power cord) (approx.)	
Rated capacity (approx.)	

* Under certain conditions, such as at very high room temperature, the water in the container may freeze causing damage.

Matsushita Electric Industrial Co., Ltd.

Web Site: <http://panasonic.net>

PZ05H600
SP0207K0