



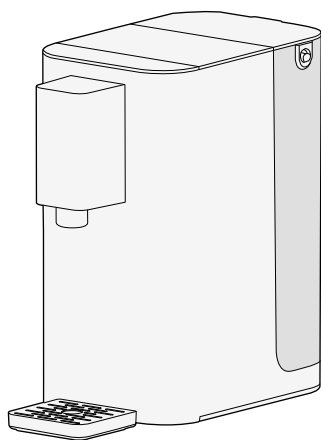
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Instructions

Panasonic®

Operation Instructions

Household use Water Dispenser

Model No. TK-SMRN1



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Thank you for choosing Panasonic products.

- The appliance is intended to be used in household, but not intended to be used 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.
- Maintenance and repair of this appliance must be carried out by qualified professionals certified by the manufacturer, who should also perform safety checks and test runs on the power supply and the household appliance after maintenance or repair.
- Please read this Operation Instructions carefully for proper use of this appliance.
- Please read the Operation Instructions carefully before using the appliance and keep it properly.
- Before use, please be sure to read **"Safety precautions" carefully (Page 2 ~ 4)**.
- The illustrations in the Operation Instructions may differ in shape and color from the actual product; please refer to the actual product.

Reserve it for later use

The Warranty Card is attached separately

Safety precautions

Please make sure to follow these instructions!

To prevent personal injury or property loss, please be sure to follow the safety precautions below.

■ The following icons show the degree of damage that may result from incorrect operation.



WARNING

Content that may result in death or serious injury.



CAUTION

Content that may result in minor injury or property loss.

! WARNING

(To avoid electric shock, fire, or serious injury)

- 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.
- The maximum altitude for use of this appliance is 4000 m.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Warning: Do not use in environments with temperatures below 4 °C . When the ambient temperature is below 4 °C , drain the water from the appliance for anti-freeze protection. (Page 9)
- Do not allow liquids to spill onto the power plug during use.
- Operate this appliance as required by the Operation Instructions. Improper use may cause serious bodily harm or property loss.
- After use, the spout and heating element surface of this appliance may retain residual heat. Avoid contact to prevent burns.
- This appliance contains a UV-C emitter.
- WARNING: Do not operate the UV-C emitter when it is removed from the appliance enclosure.
- The UV-C emitter is located inside the machine's water tank; do not disassemble or perform any operations on the appliance.
- Do not replacement of the UV-C emitter by yourself.
- Appliances that are obviously damaged must not be operated.
- Unintended use of the appliance or damage to the housing may result in the escape of dangerous UV-C radiation. UV-C radiation may, even in little doses, cause harm to the eyes and skin.
- This appliance must be reliably connected to a protective earth in the building's fixed wiring. If the grounding connection involves different metals, measures should be taken to prevent electrochemical corrosion.
→ Please entrust grounding work to professionals.
- This appliance should not be used or installed near flammable or explosive materials or in similar environments.
- Check the power supply status before installation. If there are safety hazards, immediately entrust professionals to take corrective measures.
- Before maintenance, unplug the power plug from the socket or disconnect the power supply by other equivalent means, and wait for the appliance to cool to ambient temperature.
- During use, fully insert the power plug of the appliance into the power socket and ensure good contact between the power plug and socket.

Safety precautions (continued)

Please make sure to follow these instructions!

WARNING

- If the appliance exhibits abnormal noise, odor, high temperature, or malfunction, stop using it immediately, and disconnect the power.
→ Please contact the Service Center for inspection and repair immediately.
Examples of abnormal faults:
 - The power plug and power cord become abnormally hot
 - Power cord is damaged, or intermittent power failure occurs after touching the power cord
 - The main body is deformed or emitting smoke
 - The main body is abnormally hot
 - The main body is cracked, loose, or producing abnormal noise
- Do not supply power to the appliance from a lamp holder with a socket.
- The user should not disassemble the appliance or alter internal wiring, components, or protective devices.
- When unplugging from the socket, do not pull on the power cord (hold the plug itself).
- The user should not replace the fuse of the appliance or power supply with ordinary conductors or fuses exceeding the specified current capacity.
- The user should not change the settings of the low-voltage circuit breaker or residual current protection device.
- Do not use in a manner that exceeds the rated value of the socket or wiring device.
- Regularly remove dust from the power plug.
- Unplug the power plug when not in use for a long time or during maintenance.
- Do not damage the power cord or power plug.
For example: scratching, processing, placing near high temperatures, forcibly bending, twisting, stretching, placing heavy objects on it, bundling
- Do not use damaged plugs or loose sockets.
- Do not plug or unplug the power plug with wet hands.
- Do not splash water or detergent on the main body or power plug.
- Keep away from fire sources and heat sources.
- The required inlet water temperature for this appliance is 5 °C ~ 38 °C . If the inlet water temperature exceeds 38 °C , it may damage the seals and cause leakage; if the inlet water temperature is below 5 °C , it may cause freezing, resulting in internal pipe rupture or replacement cartridge outer casing rupture.
- Please use hot water with caution.
- If water is found leaking inside the appliance or there is a large amount of water accumulation nearby, unplug the power plug and contact the Service Center immediately.

Before use

Safety precautions (continued)

Please make sure to follow these instructions!

CAUTION

(To avoid health hazards, water leakage, or other property loss)

- To prevent damage to the appliance, do not use aggressive cleaning agents when cleaning. Use a soft cloth and a mild detergent.
- Do not clean this appliance by directly spraying water.
- Do not use the appliance if the enclosure is damaged or has visible cracks. The instructions for kettles shall state the substance of the following:
- Use the specified model of replacement cartridge and replace the replacement cartridge regularly.
 - For the replacement cycle of the replacement cartridge, see page 5; for installation, see page 10; for replacement, see page 13.
- Use this appliance properly.
 - Precautions during cleaning and maintenance are detailed on page 14.
 - Be sure to use qualified drinking water (such as tap water) as the water source. Do not use unknown water sources.
(To avoid affecting purification performance and lifespan.)
- This appliance should be stored in a dry and ventilated place. Avoid storing it with corrosive substances.
- This appliance should be stored on a stable, flat, and level surface, and avoid exposure to sunlight.
- Do not invert the appliance or install it in reverse.
- Place this appliance and the replacement cartridge correctly.
 - Do not expose to places containing harmful chemicals or any place where damage may occur.

Precautions for use

- Before using the appliance, install the replacement cartridge into the main body and ensure it is properly installed.
- Ensure the external water tank is properly installed to prevent it from tipping over.
- Please carefully place the external water tank to avoid damage caused by dropping.
- After first use or replacing the replacement cartridge, discharge approximately 3 L of water after the appliance completes cleaning, and wait until the Water Quality indicator stops flashing before normal use.
- According to your local altitude, please refer to page 9 of the Operation Instructions for boiling point adjustment.
- Do not move this appliance while it is operating.
- Before moving this appliance, remove the external water tank and drip tray.
- When removing the external water tank for water replacement, hold the main body with your hand to prevent it from tipping over.
- Be careful to avoid scalds when using hot water.
- Using the ambient or warm water function immediately after using hot water may result in residual hot water. Please be careful to avoid scalds.
- Please promptly discard the wastewater in the external water tank. To ensure water quality, it is recommended to replace the water in the external water tank daily and clean the external water tank regularly.
- If you will not use this appliance for an extended period, please drain the water stored inside the appliance and unplug the power plug.

Precautions for use (continued)

- Please replace the replacement cartridge according to the reminder from the Replacement Cartridge Life indicator or as required in the Operation Instructions.
- Only use the original model replacement cartridge for replacement.
- When the replacement cartridge life expires, please replace it promptly. Do not directly perform replacement cartridge reset to continue using the old replacement cartridge.

- Notice**
- During internal pipeline sealing inspection, water must pass through the appliance (excluding the replacement cartridge). Therefore, when using for the first time, a small amount of water on the appliance surface and inside the packaging bag is normal.
 - Discard approximately 200 mL of water by draining it before the first use each day.

Replacement Cartridge

- Replacement cartridge specifications and service life

Replacement cartridge name	Replacement cartridge (MRO)
Replacement cartridge model	TK-FSMRN1
Replacement cartridge size	Diameter: 110 mm; Length: 310 mm
Filtration media	ACF component + RO membrane + carbon block (contains mineral strontium ^{※1}) + PP non-woven fabric
Filtration precision	0.0001 μm
Purification capacity	Intercepts sediment, rust, suspended solids, and large particles; filters dissolved solids, heavy metal ions, organic substances, microplastics, etc. from raw water; adsorbs residual chlorine and odors; intercepts carbon particles.
Recommended replacement cycle ^{※2}	About 4000 L, or about 18 months

Before use

Notes: ※1 Water outlet mineral strontium content report number: FW241111-42

Testing Agency: Zhejiang Fries Testing Technology Co., Ltd.

※2 Depending on the local water quality and daily water usage, the actual replacement cycle of the replacement cartridge may differ from the recommended replacement cycle.

These values apply when the local tap water temperature is 25 °C ± 1 °C . They are empirical data based on the conditions of tap water in various regions.

Even if the replacement cycle indicated in the table above has not arrived, please replace in the following situations:

- ① When there is an odor or strange smell
- ② When the Water Quality indicator turns solid red
- ③ When the replacement cartridge is prematurely clogged or fails

- Replacement of replacement cartridge (sold separately)

Model: TK-FSMRN1

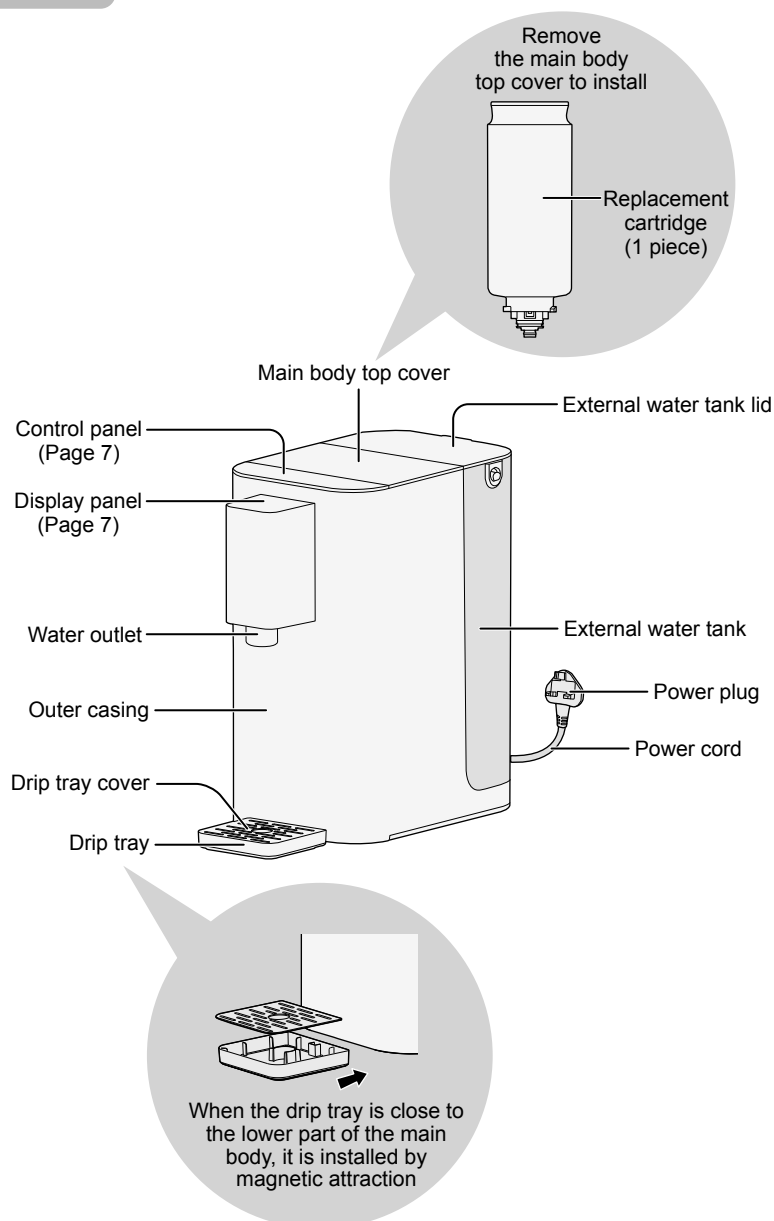
※If replacement is needed, please contact the authorized dealer where you purchased this product or Service Center for assistance.

Please dispose of used replacement cartridges according to local regulations.

Component description

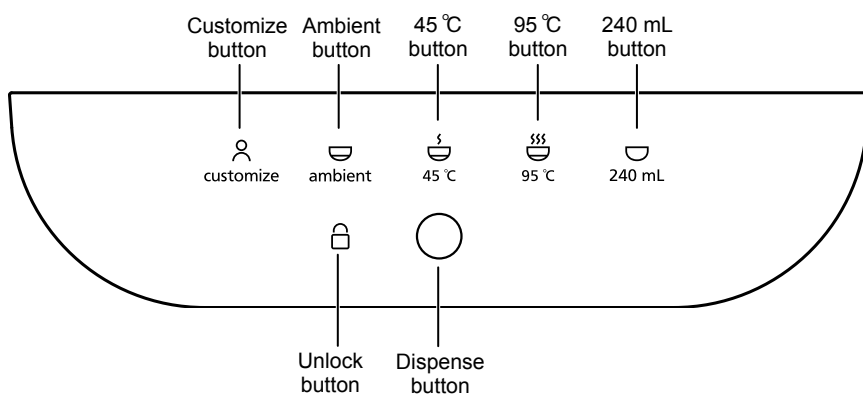
Main body

Main body structure



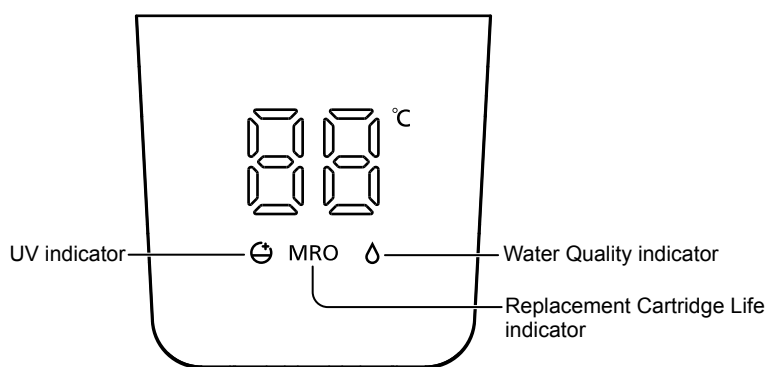
Product function overview

Control panel



Before use

Display panel



Product function overview (continued)

Button/display icon list

Name	Icon	Function Description
Dispense button		Dispense/stop dispensing water. Press the button for operation. It turns off in sleep mode, lights white when stopped, lights blue when dispensing, and flashes blue to remind draining.
Unlock button		Hot water unlock button. Press the button for operation. It lights red when locked, turns off when unlocked. Hot water dispensing requires unlocking first; ambient water dispensing does not require unlocking.
240 mL button		Water volume selection. Press the button for operation. When selected, it dispenses 240 mL of water; when not selected, it dispenses continuously.
Ambient button		Ambient water dispense button. Press the button for operation. Display panel shows 25 °C .
45 °C button		45 °C water dispense button. Press the button for operation. Display panel shows 45 °C .
95 °C button		95 °C water dispense button. Press the button for operation. Display panel shows 95 °C .
Customize button		Temperature Customize button. Press the button for operation. When selecting the "customize" button for the first time, the default temperature is set to 50 °C . Lightly press the "customize" button to enter temperature setting mode. Each press increases the temperature by 5 °C , and the display panel shows the corresponding temperature. The maximum adjustable temperature is 90 °C (the cycle repeats thereafter). Within 5 seconds of no further press on the "customize" button, the set temperature is confirmed (or directly press the Dispense button to dispense water and confirm the set temperature), and the setting mode is exited. The next time you select the "customize" button, the display panel will show the last set temperature.
Temperature display		The display panel shows the current set temperature.
Auto cleaning/drain display		The outer ring of the display panel lights up and dynamically cycles clockwise to indicate the appliance is performing auto cleaning or is in drain mode.
Auto water refill reminder		The display panel shows a 99-second countdown, indicating the internal water tank is automatically refilling. The appliance cannot be used during this time. If the water temperature is low, the refill time will be extended.
Water replacement reminder		The display panel shows L1, reminding you that the external water tank is out of water or needs to be replaced. The appliance cannot be used at this time.
Fault alert		The display panel shows E4/E5/E8. For details on the fault, see Troubleshooting on page 15.
Replacement Cartridge Life indicator		Light off: Normal life. Remaining days of use > 15. Remaining water capacity > 150 L. Solid purple: Approaching end of life. Remaining days of use > 0 and ≤ 15 L. Remaining water capacity > 0 and ≤ 150 L. Solid red: End of life. Remaining days of use ≤ 0. Remaining water capacity ≤ 0. Please replace the replacement cartridge.

Product function overview (continued)

Name	Icon	Function description
UV indicator *		The internal UV lamp displays white when operating. The internal UV lamp turns off when paused.
Water Quality indicator		Light off: Excellent water quality. TDS is below 150 ppm. Solid purple: Good water quality. TDS is 150 ~ 200 ppm. Solid red: Poor water quality. TDS is 200 ppm or above. Please replace the replacement cartridge.

※ The internal UV lamp operates in automatic cycles. When the appliance is in sleep mode and the internal UV lamp is operating, the UV indicator also remains off.

Function operation instructions

Function name	Button operation	Function description
Boiling point adjustment ※1	Press and hold the "customize" button + "240 mL" button for 3 seconds	Buzzer sounds for 0.5 seconds, the default interface displays 95 °C , and temperature value flashes, indicating it enters the adjustment mode. Short press the "customize" button (+) or "240 mL" button (–) to set the temperature. The adjustable range is 88 °C ~ 95 °C . After 10 seconds of no operation, the setting is automatically saved and it returns to the normal interface, or lightly press the Dispense button to confirm and return to the normal interface. After boiling point adjustment, pressing the "95 °C " button will display the temperature set by the boiling point adjustment.
One-touch drain ※2	Press and hold the "45 °C " button + "240 mL" button for 3 seconds, and then press the Dispense button	Buzzer sounds for 1 second. Press the Dispense button to drain the internal water tank, which will dispense water at ambient temperature. Repeatedly pressing the Dispense button can pause or start draining, but you cannot exit the one-touch drain function midway.
RO membrane cleaning function setting ※3	Press and hold the "Unlock" button + "customize" button for 3 seconds	Buzzer sounds for 0.1 seconds, and RO membrane cleaning is disabled. To re-enable it, press and hold the "Unlock" button + "customize" button for 3 seconds.
Unlock function setting	Press and hold the Unlock button for 5 seconds	Buzzer sounds for 0.5 seconds, and the unlock function is disabled or enabled. When power is restored after a power outage, the unlock function will be automatically enabled.
Replacement cartridge reset and cleaning	Press and hold the "ambient" button + "95 °C " button for 3 seconds	Buzzer sounds for 1 second, replacement cartridge reset is completed, and the appliance enters auto cleaning mode.

Notes: ※1 For first-time use, please set the boiling point temperature according to the altitude of your location;

Altitude	< 1500 m	1500 ~ 2000 m	2000 ~ 3000 m	3000 ~ 4000 m
Setting value	95 °C	93 °C	91 °C	88 °C

If steam spurts out when dispensing hot water, please perform boiling point adjustment and appropriately lower the boiling point temperature.

- ※ 2 When draining, please place a water container at the water outlet, and after draining is completed, the water pump will continue to run for a while before stopping. This is normal.
When the external water tank contains a significant amount of water, it will automatically water refill after One-touch drain is completed. Therefore, when not using this product, remove the external water tank after One-touch drain is finished, empty the water, and disconnect the power supply.
- ※ 3 After each water refill, the RO membrane will be automatically cleaned and wastewater will be discharged.

Before use

How to use

First use

- 1 Remove the main body top cover, insert the replacement cartridge (after removing the plastic sealing film) into the product in the direction of the arrow shown in Fig. 1 and rotate clockwise to install. The installation status is shown in Fig. 1. After the replacement cartridge is installed, put the main body top cover back on.
- 2 Remove the external water tank lid, take out the external water tank and fill it with water up to the highest water level line (see Fig. 2).
- 3 Place the external water tank properly, and cover it with the external water tank lid. Install the drip tray, and remove the protective sleeve from the water outlet (see Fig. 3).

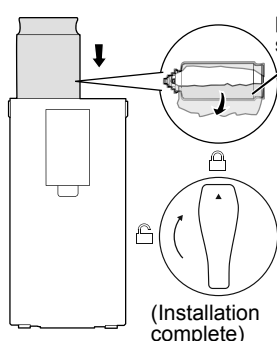


Fig. 1

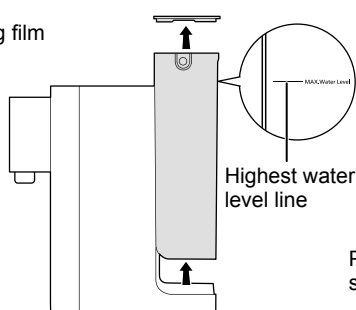


Fig. 2

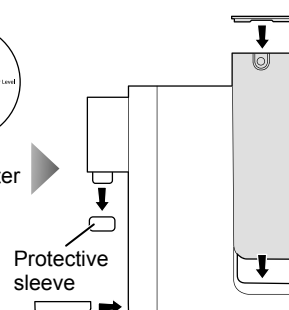


Fig. 3

- 4 Connect to power, and the display panel lights up fully for 3 seconds. During 3 seconds, three-color lights for both Replacement Cartridge Life indicator and Water Quality indicator light up in sequence, accompanied by a beep sound.
- 5 After 3 seconds, the product enters auto cleaning mode for 5 minutes. The Water Quality indicator lights up red, and the outer ring of the display panel lights up in a dynamic clockwise cycle.
- 6 After 5 minutes, the product stops cleaning. The Water Quality indicator flashes red, and the display panel shows L1, reminding you to change the water in the external water tank. Remove the external water tank, pour out the wastewater inside, and refill with water up to the highest water level line.
Note: When changing water, it is normal for a small amount of water droplets to drip from the bottom of the external water tank.
- 7 After changing the water, the display panel enters a 99-second countdown, and the internal water tank will automatically refill.
- 8 After the countdown ends, the Water Quality indicator flashes red, and the Dispense button flashes blue. Press the Dispense button to discharge water (place a container at the water outlet). During drainage, the outer ring of the display panel lights up and cycles dynamically in a clockwise direction. After draining approximately a total of 3 L water, the Water Quality indicator stops flashing, and the Dispense button remains white, the display panel shows the temperature value. You can then use the product normally.
Note: Please be patient while waiting for the refill during this step. When the Dispense button flashes blue, press the Dispense button to drain water.
- 9 Boiling point setting: Press and hold the "customize" button + "240 mL" button for 3 seconds. The buzzer sounds for 0.5 seconds, indicating it enters boiling point setting. Then please refer to page 9 of the Operation Instructions for boiling point adjustment.

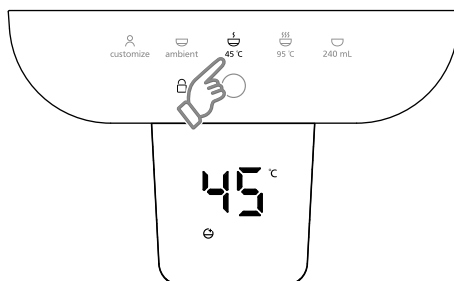
How to use (continued)

Operating instructions

When the appliance is powered on, press any button on the control panel to wake it up. Then the appliance enters a 20-second function selection mode, defaulting to the last selected function. If there is no operation within 20 seconds, the appliance enters sleep mode.

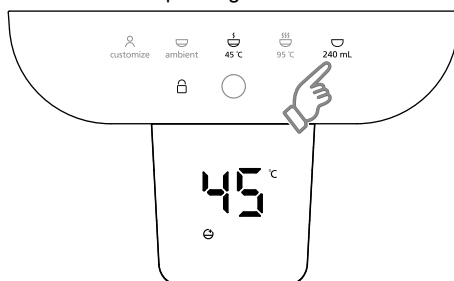
- 1 Temperature selection: Press the "ambient" or "45 °C" or "95 °C" or "customize" button to select the water dispensing temperature. After selection, the corresponding temperature icon light will remain on (other temperature icon lights will turn off). See the figure below for selection operation (the figure below shows the display when "45 °C" is selected).

Note: When the "ambient" is selected, the display panel defaults to 25 °C, and the Unlock icon does not light up.



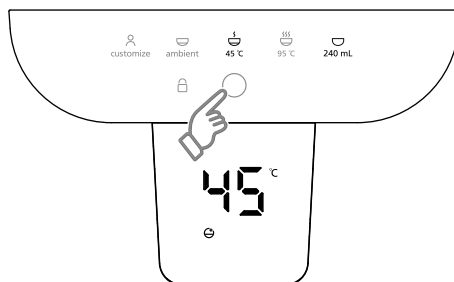
- 2 Water volume selection: Press the "240 mL" button to select the water dispensing volume, and the water volume icon light will remain on. See the figure below for selection operation.

Note: When the water volume icon light is on, it means the default dispensing volume is 240 mL; when off, it means continuous dispensing.



- 3 Dispensing: Press the Dispense button. When using water at temperatures other than ambient, you need to press the Unlock button first to unlock, then press the Dispense button. Press the Dispense button again to stop dispensing.

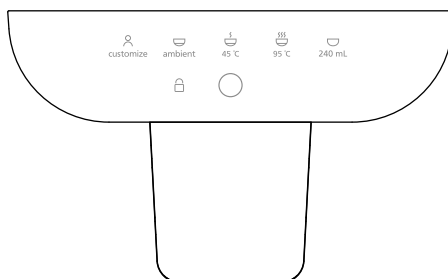
Note: When the internal water tank water level is too low, dispensing will automatically stop. Please wait patiently for the internal water tank to refill automatically, and use again after the 99-second countdown ends.



How to use (continued)

- 4** Sleep: If there is no operation within 20 seconds, the appliance enters sleep mode and all lights on the display panel turn off.

Note: If the appliance is continuously powered on for 72 hours without use, after waking up the display panel, the Water Quality indicator will flash red. It is recommended to press the Dispense button to drain ambient water first. After the Water Quality indicator stops flashing (after draining a total of 1 L), you can use the appliance normally for drinking water.



- 5** Wake up: Press any button to wake up the display panel and exit sleep mode. The panel will display the last usage status.

Instructions for use

The following situations during use are normal. Please use with confidence:

- When you use the hot water function immediately after the appliance is powered on, some ambient water will be dispensed first, followed by hot water.
- There may be slight heating and refilling sounds during hot water dispensing.
- The water pump will make slight operating sounds during the refilling process.
- The dispensing speed for different water temperatures is not exactly the same.
- If the external water tank water temperature is too low, the refilling and dispensing time will be longer.
- There may be a 1 ~ 3 second delay when dispensing or stopping dispensing.
- If you use the ambient water function immediately after using the hot water, some hot water may be dispensed first, followed by ambient water.
- The actual dispensing temperature may differ slightly from the set temperature.
- When using the 95 °C setting for the first time, it may take longer for the actual dispensing temperature to reach the set temperature.
- If the external water tank water temperature exceeds 35 °C, when the "45 °C" setting is selected for dispensing, the appliance will dispense water without heating to prevent overheating.

Cartridge replacement and reset

When the Replacement Cartridge Life indicator on the display panel lights up red, it means the replacement cartridge life has expired and the replacement cartridge needs to be replaced. See the diagram below for replacement instructions. Before replacing, please refer to page 9 of the Operation Instructions to drain the water stored in the internal water tank.

- 1 To remove, take off the top cover of the main body, rotate the replacement cartridge counterclockwise until the triangle mark on the replacement cartridge aligns with the unlock icon at the replacement cartridge installation position (see Fig. 1), then remove the replacement cartridge.

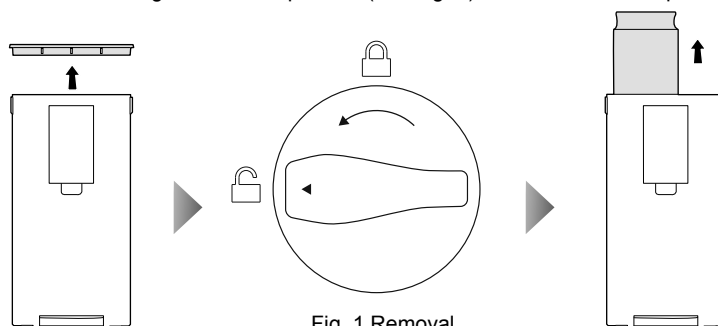


Fig. 1 Removal

- 2 To install, place the new replacement cartridge (after removing the plastic sealing film) into the main body, rotate the replacement cartridge clockwise until the triangle mark on the replacement cartridge aligns with the lock icon at the replacement cartridge installation position (see Fig. 2), then put the top cover back on the main body.

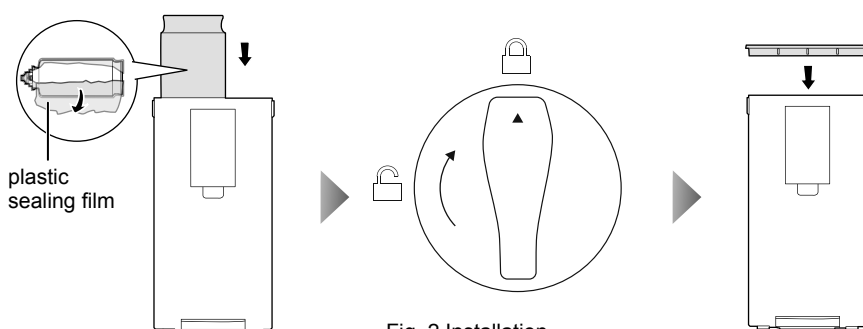
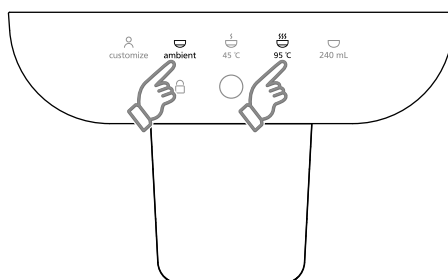


Fig. 2 Installation

- 3 Press and hold both the "ambient" button and the "95 °C" button for 3 seconds to perform replacement cartridge reset operation. Buzzer sounds for 1 second, and the replacement cartridge reset is completed. The appliance will start auto cleaning cycle. Please follow steps 5 ~ 8 on page 10 of the Operation Instructions.



Cleaning and maintenance

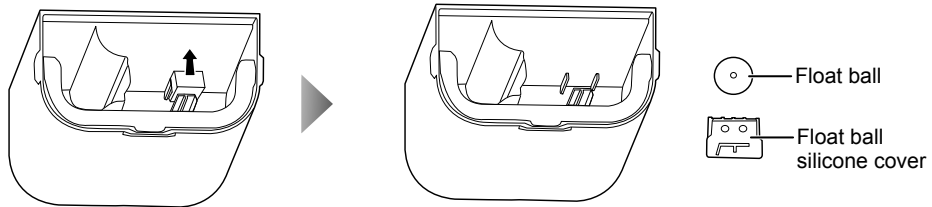
1 Main body cleaning

Since the water outlet height cannot be adjusted, when using a shorter cup, splashing may occur around the product and onto the product. Please wipe with a soft cloth and do not use volatile cleaners such as alcohol.

2 External water tank cleaning

Please follow the display panel prompts to change the water in a timely manner. When changing water, be sure to pour out the wastewater from the external water tank. It is recommended to clean the external water tank daily. When there are obvious impurities settled at the bottom of the external water tank, it needs to be cleaned with water. If it cannot be cleaned thoroughly, it is recommended to soak the external water tank in citric acid for 30 minutes before cleaning. It is also recommended to clean the float ball, the float ball silicone cover inside the external water tank, and the filter at the bottom of the external water tank at the same time.

Note: After removing and cleaning the float ball and float ball silicone cover, please remember to reinstall them in their original positions before use.



- 3 If the appliance will not be used for a long time, please refer to page 9 of the Operation Instructions to drain the water stored in the internal water tank, disconnect the power, and pour out the water in the external water tank. Also, remove the replacement cartridge, seal it in a plastic bag, and store it in the refrigerator (2 °C ~ 5 °C , do not place in the freezer).

Troubleshooting

Serial number	Error display code	Name	Solution
1	E4	Water supply error	Please contact your authorized dealer or Service Center.
2	E5	Temperature sensor malfunction/overheat protection	Unplug the power plug and plug it in again. If normal operation cannot be restored, please contact your authorized dealer or Service Center.
3	E8	System error	Unplug the power plug and plug it in again. If normal operation cannot be restored, please contact your authorized dealer or Service Center.

When
necessary

Specifications

Model No.	TK-SMRN1
Rated Voltage	220 V
Rated Frequency	50 Hz
Rated Power Input	2200 W
IP Code	IPX1
Purified Water Flow Rate	0.2 L / min
Total Rated Purified Water Volume	4000 L
Applicable Water Quality	Do not use any water source or liquid other than qualified drinking water (such as tap water)
Main Body Water Temperature	5 °C ~ 38 °C
Inlet Water Pressure	Natural water pressure
Ambient Temperature	4 °C ~ 40 °C
External Water Tank Capacity	5 L
Main Body Dimensions (L × W × H)	Approx. 395 mm × 200 mm × 400 mm (including drip tray)

- The rated purified water flow rate is measured with tap water at 25 °C .
- The actual total purified water volume may vary depending on local water quality and usage environment.



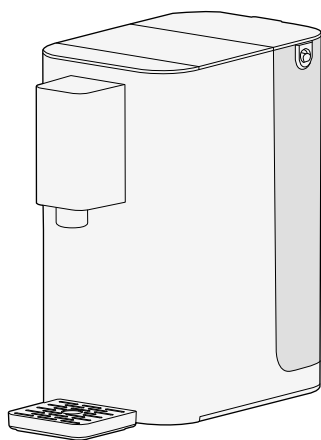
說明書掃碼下載

Panasonic®

使用說明書

家庭用 飲水機

型號：TK-SMRN1



目錄	頁碼
安全注意事項	18
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規格	尾頁

使用前

使用方法

必要時

衷心感謝您購買 Panasonic 產品。

- 本產品僅限於家庭使用，不打算使用於：
 - 商店、辦公室或其他工作環境下的員工廚房；
 - 農場住所；
 - 在酒店、旅館和其他住宅類型的環境中，供顧客使用；
 - 僅提供床位和早餐的類似環境。
- 須由製造商認可能力的專業人員維護、維修本產品，並對電源以及維護、維修後的家用電器進行安全檢查和試運行。
- 請認真閱讀此使用說明書後，正確使用本產品。
- 使用產品前請仔細閱讀本使用說明書，並請妥善保管。
- 使用前請務必仔細閱讀“安全注意事項”（第 18 ~ 20 頁）。
- 本說明書的插圖形狀、顏色可能與實物有所不同，請以實物為準。

保留備用

另附保修登記卡

安全注意事項 請務必遵守！

為防止造成人身傷害、財產損失，請務必遵守以下安全注意事項。

■ 以下圖表顯示錯誤操作可能導致的損壞程度。



警告

可能導致死亡或重傷的內容。



注意

可能導致輕傷或財產損失的內容。



警告

（為避免觸電、火災或重傷）

- 器具不打算由存在肢體、感官或精神能力缺陷或缺少使用經驗和知識的人（包括兒童）使用，除非有負責他們安全的人對他們進行與器具使用有關的監督或指導。
- 應照看好兒童，確保他們不玩耍本器具。
- 該器具使用的最高海拔為 4000 m。
- 如果電源軟線損壞，為了避免危險，必須由製造商、其服務機構或類似的專業人員更換。
- 警告：請勿在溫度低於 4 °C 的環境下使用，當環境溫度低於 4 °C 應排空器具中的水進行防凍處理。（第 25 頁）
- 使用中請勿讓液體溢出至電源插頭。
- 請按說明書要求的操作使用本產品，錯誤使用可能造成嚴重的人體損害或財產損失。
- 本產品在使用完畢後出水嘴和加熱元件表面仍有餘熱，須避免接觸燙傷。
- 器具包含 UV-C 發射器
- 警告：當 UV-C 發射器移到器具外殼外部時，不要運行 UV-C 發射器。
- UV-C 發射器位於機器內部水箱內，請勿拆卸家用電器對其進行任何操作。
- 請勿自行更換 UV-C 發射器。
- 明顯損壞的器具不得運行。
- 不按預定方式使用器具或使用外殼損壞的器具可能導致 UV-C 輻射泄露的危險，即使是小的劑量，也可能傷害到眼睛和皮膚。
- 本產品須確保可靠連接至建築物中固定設置的良好保護接地上。接地導線連接處如為不同金屬時，應採取防止電化腐蝕的措施。
→ 請委托專業人員進行接地作業。
- 本產品不應在易燃易爆物品附近或類似環境中使用、安裝。
- 安裝前須檢查用電情況。如有安全隱患，請立即委托專業人員採取解決措施。
- 維護前，應從插座上拔下插頭或通過其他等效方式斷開電源，並等待家用電器冷卻至室溫。
- 使用過程中，請將家用電器的電源插頭完全插入電源插座中，並保持電源插頭與插座接觸良好。

安全注意事項 (續)

請務必遵守!

警告

- 產品出現異常噪聲、異常氣味、異常高溫或故障時，請立即停止使用，並斷開電源。
→ 請立即聯系服務中心進行檢修。
- 異常故障示例：
 - 電源插頭及電源線異常發熱
 - 電源線已損壞或碰到電源線後發生間歇性斷電
 - 本體變形或冒煙
 - 本體異常發熱
 - 本體破裂、鬆動或發出異響
- 不應從帶插座的燈頭上引接電源供給家用電器。
- 使用者不應自行拆卸家用電器，不應變更內部接線、部件和保護裝置。
- 從插座上拔下插頭時，不應對電源線施加拉力（須手持插頭本體）。
- 使用者不應以普通導電體或超出規定電流容量的熔斷體替換家用電器和電源的熔斷體。
- 使用者不應自行改變低壓斷路器或剩餘電流動作保護器的設定值。
- 請勿以超出插座或配線器具額定值的方式使用。
- 須定期除去電源插頭上的灰塵。
- 長時間不使用或進行維護保養時，請務必拔掉電源插頭。
- 請勿損壞電源線、電源插頭。
例如：劃傷、加工、靠近高溫處、強行折彎、扭曲、拉伸、壓放重物、捆紮
- 請勿使用破損的插頭或鬆動的插座。
- 請勿用濕手插拔電源插頭。
- 請勿將水或洗滌劑等潑灑在機體或電源插頭上。
- 請勿靠近火源、熱源。
- 本產品進水溫度要求 5 °C -38 °C。進水溫度超過 38 °C 可能損壞密封件導致漏水，進水溫度低於 5 °C 可能造成冰凍，引起內部管道破裂、濾芯外殼破裂。
- 請務必小心使用熱水。
- 如發現產品內部有水流出或周邊有大量積水時，請拔出電源插頭並立即與服務中心聯系。

使用前

安全注意事項（續）

請務必遵守！



注意

（為避免健康損害、漏水或其他財產損失）

- 為防止損壞器具，清潔時請勿使用強效清潔劑。請使用軟布和溫和洗滌劑。
- 請勿直接灑水清潔本產品。
- 若外殼損壞或出現可見裂紋，請勿使用該器具。
- 須使用指定型號的濾芯，須定期更換濾芯。
 - 濾芯的更換周期詳見第 21 頁，安裝方法詳見第 26 頁，更換方法詳見第 29 頁。
- 須正確使用本產品。
 - 清潔保養過程中的注意事項詳見第 30 頁。
 - 請務必使用合格飲用水（自來水等）作為水源，勿使用不明水源。（以免影響淨水效果及使用壽命。）
- 本產品應存放於乾燥通風處，避免與具有腐蝕性的物質存放在一起。
- 本產品應存放在穩固、平坦、水平的表面上，避免陽光直射。
- 請勿倒置或反向安裝產品。
- 請正確放置本產品和濾芯。
 - 請勿暴露於包含有害化學品的地方，或有可能受到損害的任何地方。

使用注意事項

- 在使用產品前，請將本產品濾芯安裝在本體內，並確保安裝到位。
- 請保證外水箱安裝到位，避免外水箱發生傾倒。
- 請小心放置外水箱，避免外水箱掉落導致破損。
- 首次使用或更換濾芯後，請在產品完成清洗後先排放掉約 3 L 水，待水質指示燈停止閃爍後再正常使用。
- 請根據所在地海拔高度，按照使用說明書第 25 頁進行沸點調節。
- 產品處於運行狀態時，請勿移動本產品。
- 在移動本產品前，請先將外水箱和接水盒取下。
- 取下外水箱進行換水時，請用手扶住產品本體，避免本體發生傾倒。
- 使用熱水時請注意防止燙傷。
- 使用熱水後馬上使用常溫水或溫水，可能會有熱水殘留，請注意以免燙傷。
- 請及時倒掉外水箱中的廢水，為了確保水質，建議每日更換外水箱內的水，並定期清潔外水箱。
- 長時間不使用本產品時，請排空產品內部存水後拔掉電源插頭。

使用注意事項 (續)

- 請根據產品濾芯壽命指示燈提醒或使用說明書要求更換濾芯。
- 僅可使用原裝型號濾芯進行更換。
- 濾芯壽命到期時，請及時更換濾芯，請勿直接進行濾芯重置繼續使用舊濾芯。

- 提示**
- 因產品內部管路密封性檢測時需要過水（濾芯除外），首次使用時，產品表面及包裝袋內有少量水，屬於正常現象。
 - 每天首次使用前請先排水約 200 mL 並廢棄。

濾芯

■ 濾芯規格及使用期限

濾芯名稱	濾芯 (MRO)
濾芯型號	TK-FSMRN1
濾芯尺寸	直徑：110 mm；長度：310 mm
過濾介質	ACF 組件 + RO 膜 + 碳棒（含礦物質錒 ^{※1} ）+ PP 無紡布
過濾精度	0.0001 μm
淨水能力	攔截泥沙、鐵銹、懸浮物、大顆粒物質；過濾原水中的溶解性固體、重金屬離子、有機物、塑膠微粒等；吸附餘氯、異味；攔截碳顆粒。
建議更換週期 ^{※2}	約 4000 L 或約 18 個月

使用前

注：※1 出水礦物質錒含量報告編號：《FW241111-42》

檢測機構：浙江弗裏斯檢測技術有限公司

※2 根據顧客使用當地的水質、每日用水量不同，濾芯的實際更換週期會與建議更換週期有所差異。

數值在當地自來水水溫為 25 °C ± 1 °C 時適用，根據各地自來水的情況，得出的經驗值。

上表標注的更換週期，即使沒有到更換時間但發生下列情況時也請更換：

- ① 有氣味或怪味時
- ② 水質指示燈變為紅色常亮
- ③ 濾芯過早堵塞、失效

■ 更換濾芯（另售）

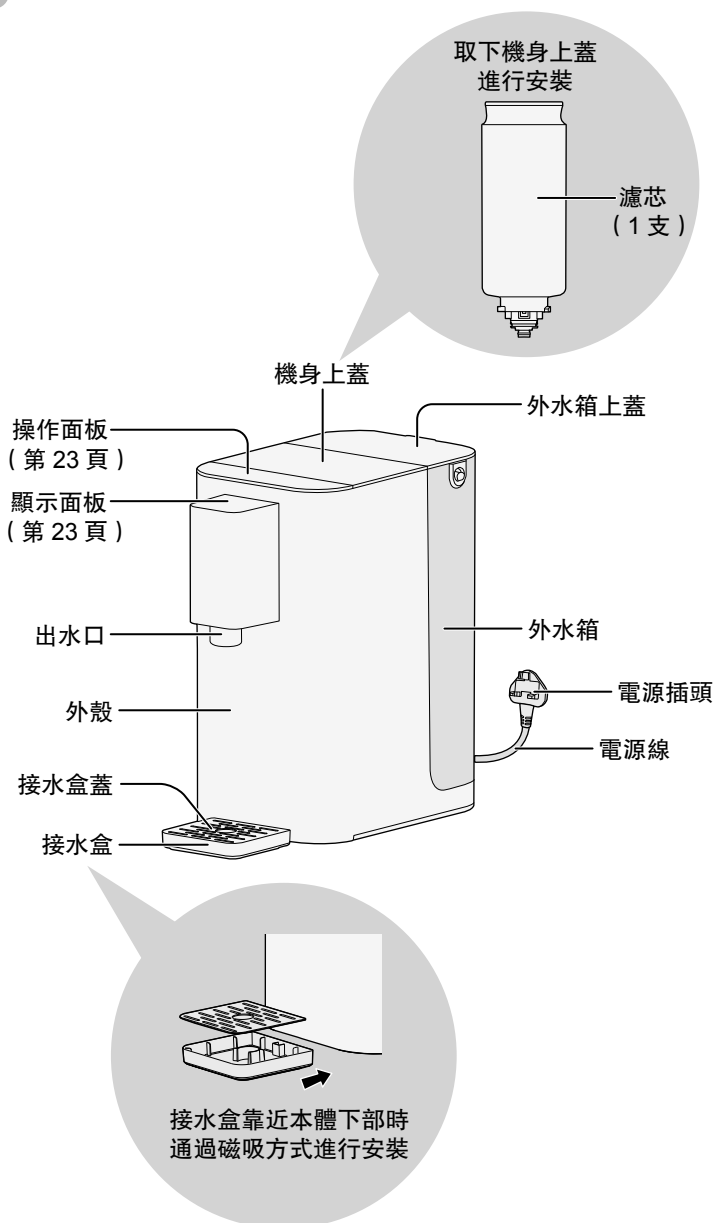
型號：TK-FSMRN1

- ※ 如需更換，請與您購買本商品的經銷商或服務中心聯絡。
- 使用過的濾芯請依當地的規定予以廢棄丟置。

部件說明

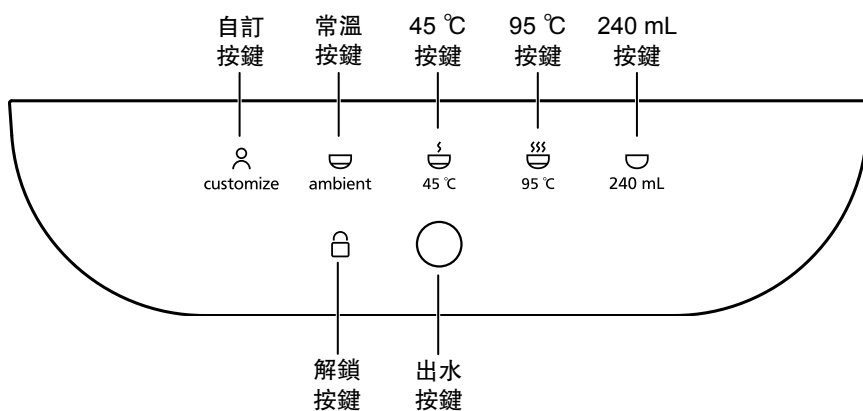
本體

本體結構



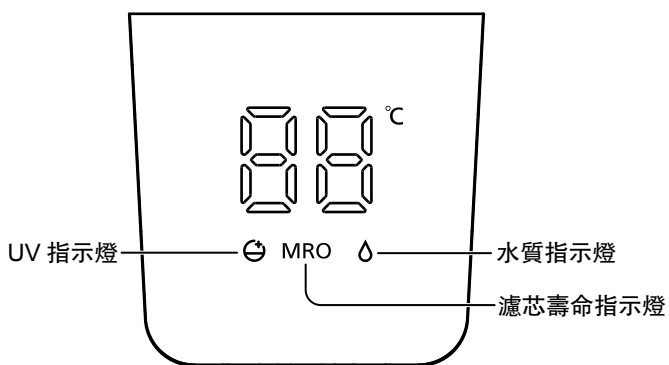
產品功能簡介

操作面板



使用前

顯示面板



產品功能簡介 (續)

按鍵 / 顯示圖列表

名稱	圖案	功能說明
出水按鍵		出水 / 停止出水，觸控按鍵點按操作，休眠狀態下熄滅，停止出水狀態下亮白燈，出水狀態下亮藍燈，提醒排水狀態下藍燈閃爍。
解鎖按鍵		熱水解鎖按鍵，觸控按鍵點按操作，上鎖時亮紅燈，解鎖時熄滅，使用熱水時需要先解鎖後才能出水，常溫水出水時不需要解鎖。
240 mL 按鍵		水量選擇，觸控按鍵點按操作，選擇時，定量出水 240 mL；沒有選擇時，連續出水。
常溫按鍵		常溫水出水按鍵，觸控按鍵點按操作，顯示面板顯示 25 °C。
45 °C 按鍵		45 °C 水出水按鍵，觸控按鍵點按操作，顯示面板顯示 45 °C。
95 °C 按鍵		95 °C 水出水按鍵，觸控按鍵點按操作，顯示面板顯示 95 °C。
自訂按鍵		溫度自定義按鍵，觸控按鍵點按操作，首次選擇自訂 (customize) 按鍵，設定溫度默認為 50 °C，輕觸自訂 (customize) 按鍵，進入調溫設定，每點擊一次，溫度上升 5 °C，顯示面板顯示對應溫度，最高可調整至 90 °C (以此循環)，5 秒內無再次點擊自訂 (customize) 按鍵則確認設定溫度 (或直接按出水按鍵出水，確認設定溫度)，並退出設定狀態，之後選擇自訂 (customize) 按鍵，則顯示面板顯示上次設定的溫度。
溫度顯示		顯示面板顯示當前設定溫度。
自動清洗 / 排水顯示		顯示面板外圈亮起，呈動態順時針循環提示產品正在進行自動清洗或正在處於排水狀態。
自動補水提示		顯示面板顯示 99 秒倒數計時，提示產品內水箱正在進行自動補水，此時不能使用產品。 當水溫較低時，補水時間會有延長。
換水提示		顯示面板顯示 L1，提醒此時外水箱缺水或需要換水，此時不能使用產品。
故障提示		顯示面板顯示 E4/E5/E8，故障內容詳見第 31 頁故障排除。
濾芯壽命指示燈		燈 滅：壽命正常，剩餘使用天數 (天) > 15， 剩餘處理水量 (L) > 150。 紫色常亮：壽命即將結束，剩餘使用天數 (天) > 0 且 ≤ 15， 剩餘處理水量 (L) > 0 且 ≤ 150。 紅色常亮：壽命結束，剩餘使用天數 (天) ≤ 0， 剩餘處理水量 (L) ≤ 0，請更換濾芯。

產品功能簡介 (續)

名稱	圖案	功能說明
UV 指示燈 ※		產品內部的 UV 燈工作時顯示白色。 產品內部的 UV 燈暫停工作時燈滅。
水質指示燈		燈 滅：水質優，TDS 值 150 ppm 以下。 紫色常亮：水質良，TDS 值 150 ~ 200 ppm。 紅色常亮：水質差，TDS 值 200 ppm 以上，請更換濾芯。

※ 產品內部的 UV 燈自動循環工作，當產品處於休眠狀態，產品內部的 UV 燈工作時，UV 指示燈也保持熄滅。

功能操作說明

功能名稱	按鍵操作	功能描述
沸點調節※ ¹	長按“自訂 (customize)” + “240 mL” 3 秒	蜂鳴 0.5 秒，默認界面顯示 95 ℃，溫度值閃爍，代表進入可調節狀態。通過短按自訂 (customize) 按鍵 (+)，240mL 按鍵 (-) 對溫度進行設定；溫度可調節範圍為 88 ℃ ~ 95 ℃；10 秒無操作後自動保存，並退回正常界面，或輕觸取水鍵確認並退回正常界面。沸點調節後，按 95 ℃ 按鍵溫度顯示沸點調節設定的溫度。
一鍵排空※ ²	長按“45 ℃” + “240 mL” 3 秒後按出水按鍵	蜂鳴 1 秒，按出水按鍵對內水箱進行排空，出常溫水。重複按出水按鍵可暫停或開始排水，但中途不能退出一鍵排空功能。
RO 膜清洗功能設定※ ³	長按“解鎖” + “自訂 (customize)” 3 秒	蜂鳴 0.1 秒，關閉 RO 膜清洗，重新啓用請長按“解鎖” + “自訂 (customize)” 3 秒。
解鎖功能設定	長按解鎖按鍵 5 秒	蜂鳴 0.5 秒，取消或啓用解鎖功能。斷電重新上電時會自動啓用解鎖功能。
濾芯更換後清洗	長按“常溫 (ambient)” + “95 ℃” 3 秒	蜂鳴 1 秒，濾芯重置完成，產品進入自動清洗狀態。

注：※¹ 首次使用時，請根據所處地區海拔設定沸點溫度；

海拔高度	< 1500 米	1500 ~ 2000 米	2000 ~ 3000 米	3000 ~ 4000 米
設定值	95 ℃	93 ℃	91 ℃	88 ℃

當熱水出水出現蒸氣噴發現象時，請進行沸點調節，適當調低沸點溫度。

※² 排水時請在出水口處放置接水容器，排水結束後，水泵會再繼續運行一段時間才會停止，屬於正常現象。

外水箱有較多水時，排水結束後會自動補水。因此不使用本產品時，排水結束時請取下外水箱將水倒掉並斷開電源。

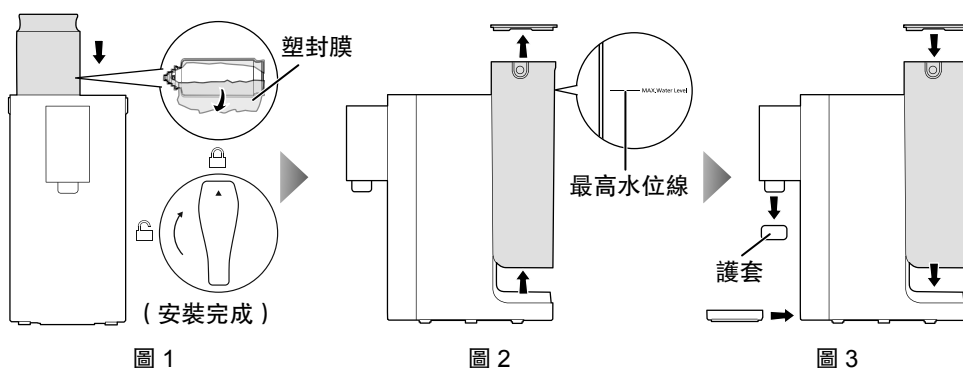
※³ 每次補水結束後會自動進行 RO 膜清洗，並排走廢水。

使用前

使用方法

首次使用

- 1 取下機身上蓋，將濾芯拆除塑封膜後按圖 1 中箭頭方向放入機器並順時針旋轉安裝，安裝完成狀態如圖 1 所示，濾芯安裝完成後，蓋上機身上蓋。
- 2 取下外水箱上蓋，取下外水箱裝水至最高水位線位置（如圖 2）。
- 3 將外水箱放置到本體，蓋上外水箱蓋，安裝接水盒，取下出水口處護套（如圖 3）。



- 4 接通電源，顯示面板全亮 3 秒，3 秒內濾芯壽命指示燈和水質指示燈的三色燈依次點亮一遍，同時發出“嘀”聲。
- 5 3 秒後機器進入自動清洗狀態，持續 5 分鐘，水質指示燈亮紅色，顯示面板外圈亮起，呈動態順時針循環。
- 6 5 分鐘後機器停止清洗，水質指示燈紅色閃爍，顯示面板顯示 L1，提醒外水箱換水，取下外水箱，倒掉外水箱內的廢水並重新裝水至最高水位線處。
注：換水時，外水箱底部有少量水滴滴落屬於正常現象。
- 7 換水後，顯示面板顯示進入 99 秒倒數計時，內水箱進行自動補水。
- 8 倒數計時結束後，水質指示燈紅色閃爍，出水按鍵藍色閃爍，按出水按鍵將水排出（出水口處放置接水容器），排水過程中顯示面板外圈亮起，呈動態順時針循環。累計排水約 3 L 後，水質指示燈停止閃爍，出水按鍵白色常亮，顯示面板顯示溫度值，之後可以正常使用。
注：該步驟中需要耐心等待補水，當出水按鍵藍色閃爍時按出水按鍵進行排水。
- 9 沸點設定，同時長按“自訂 (customize)” + “240 mL” 3 秒，蜂鳴 0.5 秒，進入沸點設定，之後請按使用說明書第 25 頁“沸點調節”進行操作。

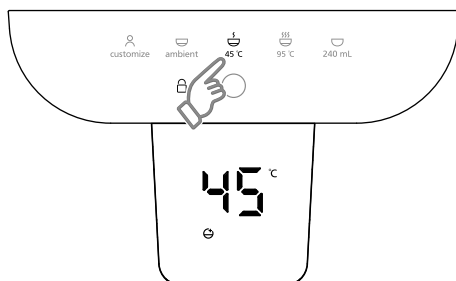
使用方法 (續)

操作說明

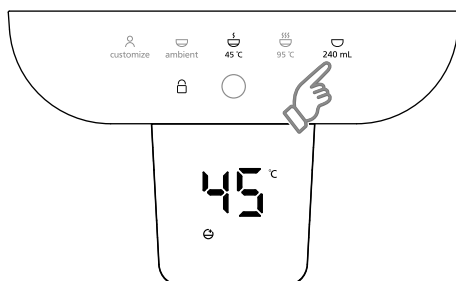
產品通電狀態下，按操作面板上的任意按鍵進行喚醒，產品進入 20 秒的功能選擇狀態，此時默認上一次的功能選擇狀態，20 秒內無任何操作則產品進入休眠狀態。

- 1 溫度選擇：按【常溫 (ambient) / 45 °C / 95 °C / 自訂 (customize)】按鍵進行出水溫度選擇，選擇後，對應溫度圖案燈常亮顯示 (其他溫度圖案燈熄滅)。選擇操作見下圖所示 (下圖為選擇 “45 °C” 擋時的顯示式樣)。

注：選擇 “常溫 (ambient)” 時，顯示面板默認顯示 25 °C，此時解鎖圖案不點亮。

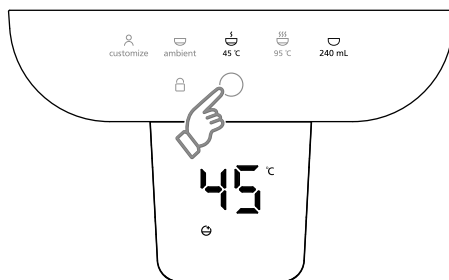


- 2 水量選擇：按 240 mL 按鍵進行出水量選定，水量圖案燈常亮。選擇操作見下圖所示。注：水量圖案燈常亮，表示默認出水 240 mL，熄滅表示連續出水。



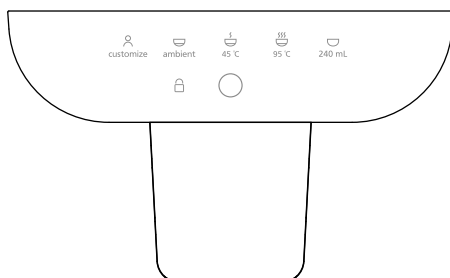
- 3 出水：按出水按鍵，使用常溫水以外溫度的水時，需要先按解鎖鍵進行解鎖後再按出水按鍵，再次按出水鍵可停止出水。

注：內水箱水位過低時，會自動停止出水，請耐心等待內水箱自動補水，99 秒倒數計時結束後再使用。



使用方法 (續)

- 4** 休眠：20 秒內無任何操作時，產品進入休眠狀態，顯示面板所有燈熄滅。
注：產品連續通電 72 小時未使用時，顯示面板喚醒後水質指示燈紅色閃爍，建議先按出水按鍵排常溫水，待水質指示燈停止閃爍後（累計排水 1 L），再正常取水飲用。



- 5** 喚醒：按任意按鍵可以喚醒顯示面板，退出休眠狀態，面板顯示上一次的使用狀態。

使用說明

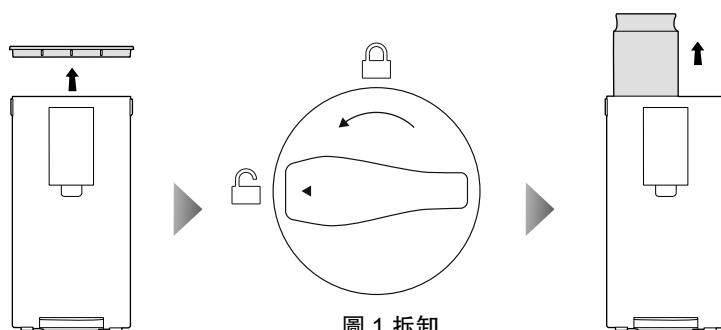
在使用過程中出現下列狀況屬於正常現象，請放心使用：

- 本產品在每次通電後馬上使用熱水時，會先出一些常溫水再出熱水。
- 熱水出水的過程中，有輕微的加熱及補水聲。
- 本產品在補水過程中，水泵會發出輕微動作音。
- 不同水溫的出水速度不完全一致。
- 外水箱水溫過低時，產品補水和出水時間變長。
- 出水或停止出水時會有 1~3 秒延遲。
- 使用熱水後馬上使用常溫水，可能會先出一些熱水再出常溫水。
- 實際出水溫度和設定溫度存在一定誤差。
- 首次使用 95 °C 擋時，實際出水溫度達到設定溫度的時間可能較長。
- 外水箱水溫超過 35 °C 時，選擇“45 °C”後出水，本產品不做加熱動作以防止過度加熱。

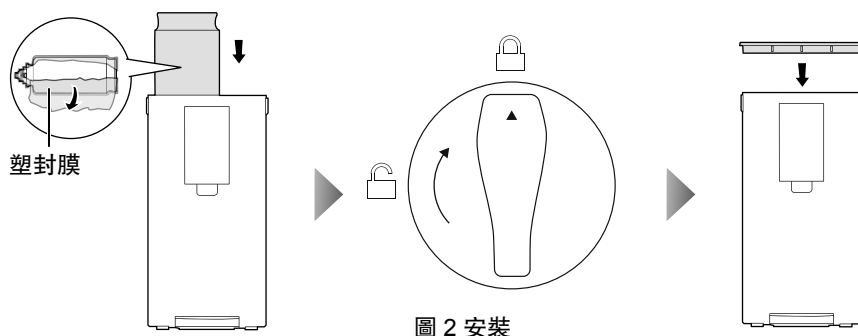
濾芯更換及重置

當顯示面板的濾芯壽命指示燈亮紅色，代表濾芯壽命到期，需對濾芯進行更換，更換方式見下圖。更換前請按使用說明書第 25 頁排空內水箱的存水。

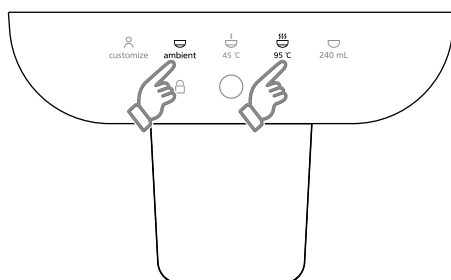
- 1 拆卸時，取下本體上蓋，逆時針旋轉濾芯，至濾芯上的三角圖案與濾芯安裝部位的開鎖圖案對齊（如圖 1）後取出濾芯。



- 2 安裝時，將新濾芯拆除塑封膜後放入本體，順時針旋轉濾芯，轉至濾芯上的三角圖案與濾芯安裝部位的鎖定圖案對齊（如圖 2）後蓋上本體上蓋。



- 3 同時長按常溫（ambient）按鍵和 95 °C 按鍵 3 秒，進行濾芯重置操作。蜂鳴 1 秒，濾芯重置完成，產品進行自動清洗行程，請按照使用說明書第 26 頁步驟 5 ~ 8 進行操作。



清潔保養

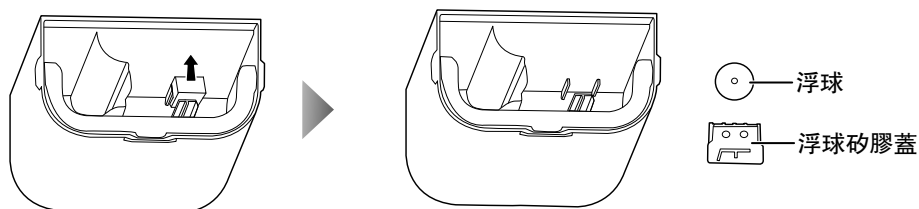
1 本體清潔

因為出水口無法調整高度，當杯身較低時，容易造成噴濺至周圍及機身，請用軟布擦拭，請勿使用酒精等具有揮發性的清潔劑進行擦拭。

2 外水箱的清潔

請根據顯示面板提示及時換水，換水時請務必倒掉外水箱中的廢水，建議每天清洗外水箱。當外水箱底部沉積明顯雜質時，需要用水進行清洗，如無法清洗乾淨，建議使用檸檬酸浸泡外水箱 30 分鐘後進行清洗，建議同時清洗外水箱內的浮球、浮球矽膠蓋以及外水箱底部的濾網。

注：浮球和浮球矽膠蓋如取下清洗後，使用前請記得安裝回原位。



3 長時間不使用產品時，請按照使用說明書第 25 頁排空內水箱的存水，斷開電源並倒掉外水箱內的水，取出濾芯裝入塑膠袋密封，放入冰箱保存（2℃～5℃，切勿放入冷凍室）。

故障排除

序號	異常顯示代碼	名稱	處置方式
1	E4	補水異常	請與經銷商或服務中心聯絡。
2	E5	溫度感應器故障 / 過熱保護	拔下電源插頭再重新插上，若不能恢復正常使用請與經銷商或服務中心聯絡。
3	E8	系統異常	拔下電源插頭再重新插上，若不能恢復正常使用請與經銷商或服務中心聯絡。

必要時

規格

產品型號	TK-SMRN1
額定電壓	220 V
額定頻率	50 Hz
額定輸入功率	2200 W
IP 代碼	IPX1
淨水流量	0.2 L / min
額定總淨水量	4000 L
適用水質	請勿使用合格飲用水（自來水等）以外的水源或液體
本體使用水溫	5 °C ~ 38 °C
進水壓力	自然水壓
環境溫度	4 °C ~ 40 °C
外水箱容量	5 L
本體尺寸（長 × 寬 × 高）	約 395 mm × 200 mm × 400 mm（含接水盒）

- 額定淨水流量為接通自來水，25°C水溫下所測數據。
- 實際總淨水量會因為各地水質和使用環境有所不同。

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