

WWS 88 RO Hot & Ambient Water Dispenser

User Manual

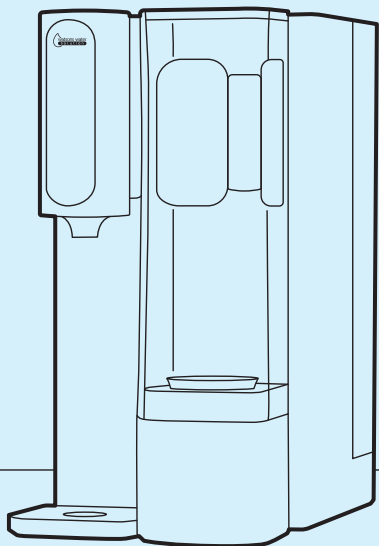


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Precautions

1. When using the dispenser for the first time, there may be a pressure difference in the pipeline, causing the system to stop extracting water shortly after starting. In this case, lift the filtered water jug and place it back to resume normal water production.
2. To ensure the best filtration performance, fill the raw water tank and drain all filtered water when filtration is completed. Repeat this at least 3-5 cycles until two tanks of tap water is filtered, in order to activate the filter.
3. The hot water temperature at 100°C refers to the temperature inside the instant hot water system. The water extraction temperature may have a difference $\pm 5^{\circ}\text{C}$ due to changes in weather temperature.

All contents of this part relate to safety. The dangers, harmfulness, and potential accidents are explained herein. All users must strictly follow the instructions.

Precaution

- ◆ Please read and keep this product manual before use.
- ◆ If the dispenser will not be used for a long time, please make sure it is disconnected from the power supply and empty the raw water tank and filtered water jug.
- ◆ The dispenser should be placed vertically and should not be inverted.
- ◆ Place the dispenser in a cool and dry place, away from direct sunlight. Do not place it near any form of heat sources.
- ◆ When air passes the high-precision later elements, micro bubbles are generated causing the water in the pure water jug appears white and cloudy. This is a normal phenomenon.
- ◆ After the filter cartridge expired, it needs to be replaced by Watsons Water Solution's filter cartridge to ensure normal use.

Warning

- ◆ The inlet water temperature should be 5°C - 40°C , otherwise the filtration system will be damaged.
- ◆ Do not block the drain while the dispenser is operating to avoid damage.
- ◆ The water in the raw water tank is not safe to drink but can be used for other cleaning purposes.
- ◆ To avoid damage, do not disassemble or modify the dispenser, or put any heavy objects on it. Do not use accessories which are not authorised by the manufacturer. The warranty will be terminated if dispenser failure is caused by unauthorised accessories.
- ◆ If the power cord appears to be damaged, please stop using the product. To avoid risks of danger, the power cord must be replaced by personnel authorised by the manufacturer.
- ◆ The appliance is not to be used 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
- ◆ Children being supervised not to play with the appliance.
- ◆ This appliance is intended to be used in household and similar 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.
- ◆ The appliance must not be immersed.
- ◆ Warning: Potential injury from misuse.
- ◆ The heating element surface is subject to residual heat after use.

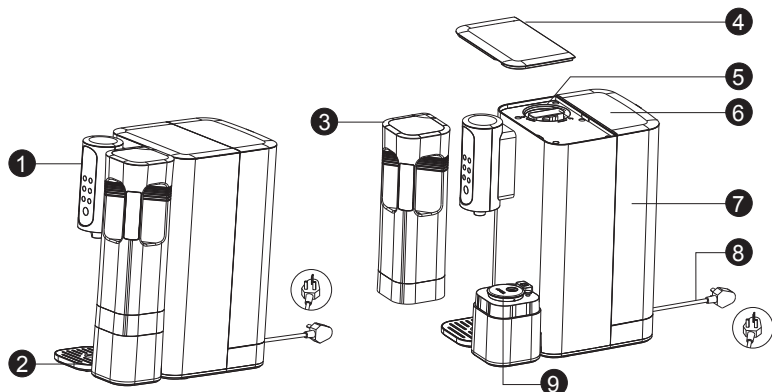
Precautions

- ◆ During first time use, please check if any water leaks from or gathers around the dispenser. If there is any strange noise, burnt smell or smoke coming out from the product, please disconnect the power cord immediately. Contact customer services if you find any of the situations above.
- ◆ This appliance is intended for household and indoor use only.
- ◆ The power cord of this product uses a three-core plug (the plug has a grounding symbol). The plug must be inserted into a three-core safety socket with a grounding wire. Do not forcefully pull or modify the power cord. If the power cord appears to be damaged, please stop using the product. To avoid risks of danger, the power cord must be replaced by personnel authorised by the manufacturer.
- ◆ In order to allow customers to dispense hot water quickly and conveniently, this product adopts the latest rapid heating technology. Due to the high power when dispensing hot water, do not share the socket with other electrical appliances.
- ◆ Please check carefully whether the circuit meets the voltage, power, and other specifications indicated on the nameplate to prevent overloading the circuit before use.
- ◆ For first time use or after replacing the filter cartridge, as well as when resuming use after long-term suspension, please clean the water tank and empty the first two tanks of water.
- ◆ At any time, do not touch the nozzle of the dispenser to watch out to avoid being burnt by the hot water.
- ◆ When  light is on, promptly drain the raw water tank and add tap water. To ensure the drinking water stays clean, should clean the water tank daily.
- ◆ Place the dispenser on a level countertop to prevent tipping.
- ◆ This product is suitable for tap water from Hong Kong Water Supplies Department with a TDS value less than 500, mineral water, filtered water, etc., but not suitable for well water or high-calcium water with a TDS value exceeding 1500.
- ◆ This product cannot be used to heat milk, beverages, or other liquids.
- ◆ Do not use accessories which are not authorised by the manufacturer. The warranty will be terminated if dispenser failure is caused by unauthorised accessories.
- ◆ Children shall not play with the appliance and shall not be operated by children without supervision.
- ◆ Place the dispenser in a cool and dry place, away from direct sunlight. Do not place it near any form of heat sources. The dispenser shall not be placed in an environment that may have inflammable gas leakage.
- ◆ When the water temperature or room temperature is low, there may be a brief steam release from the internal rapid heating system when the water boils. This is a normal phenomenon, but it should not be used for facial steaming to avoid scalding from steam.
- ◆ Place the dispenser on a cool and stable surface with good ventilation with more than 15 centimetres from dry walls to ensure heat dissipation and to prevent overheating, which may reduce the performance of the dispenser or cause a fire.
- ◆ It is recommended to use the dispenser in an ambient temperature range of 5°C to 38°C.
- ◆ Organic solvent such as gasoline shall not be used for wiping the housing of the dispenser. If cleaning is required, please gently wipe the surface of the product with a wet cloth after it is disconnected from power supply.
- ◆ When cleaning the raw water tank and filtered water tank, it is not recommended to use hot water to avoid affecting the taste and quality of the water.
- ◆ The hot water temperature is high, so do not use plastic containers to hold it.
- ◆ When the removable drip tray is full, remove the tray, pour out the water, and then put it back in place.
- ◆ If the dispenser will not be used for a long time, please make sure it is disconnected from the power supply and empty the raw water tank and filtered water jug.
- ◆ To prevent damage to the dispenser due to water shortage, the dispenser automatically starts the dry-heating protection mode after power-on. The first cup of water may have a lower temperature or an automatic water cut-off situation. This is a normal phenomenon. Simply extract water again to restore normal operation.
- ◆ Due to regional, seasonal, and original water temperature variations, the actual water temperature may differ from laboratory data.
- ◆ Storage of water in filtered water jug or raw water tank at temperatures above 40°C should be avoided.

 **Caution:** Please disconnect the power supply before cleaning or inspecting this dispenser to avoid electric shock.

 **Warning:** 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 appliances by a person responsible for their safety.

Introduction



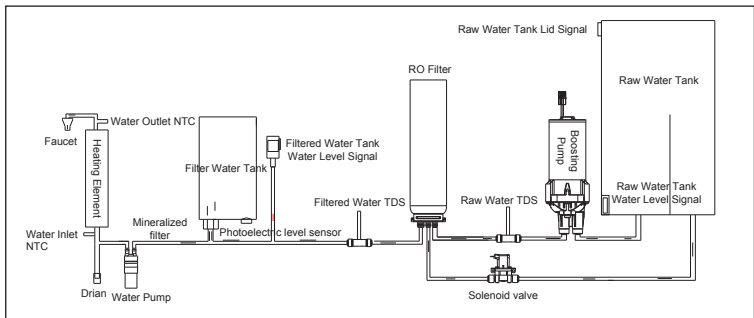
1	Display Panel	4	Top Lid	7	Raw Water Tank
2	Removable drip tray	5	Combined (PP+ Carbon + RO) filter	8	Power Cord
3	Filtered Water Jug	6	Raw Water Tank Lid	9	Nano Activated Carbon filter

Specification

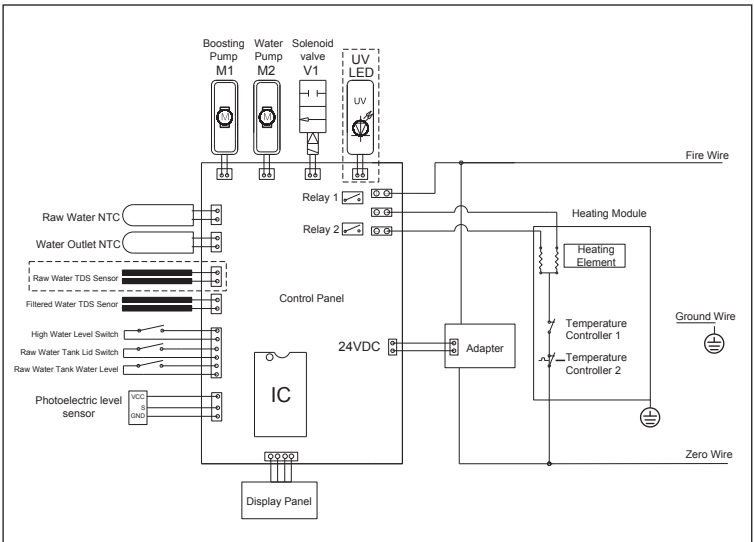
Product Code	WWS 88		
Rated voltage	220V~	Inlet Water Pressure	0.01MPa - 0.06MPa
Frequency	50Hz	Work Pressure	0.4MPa - 0.8MPa
Rated Gross Power	2200W	Applicable Water Temperature	5°C - 38°C
Water heating capacity	≥90°C 23L/h	Standby Power Consumption	0.1kW · h/24h
Applicable Water Source	Hong Kong Water Supplies Department	Water filtration flow rate	0.2L/min
Type of protection against electric shock	I	Filter Cartridge total rated water purification amount	2000L
Precautions	Cleaning and replacing the filters regularly		

*In case of any changes in technical specifications, please refer to the dispenser nameplate for the most accurate information. No separate notification will be provided.

Water Flow Diagram



Circuit Diagram



Usage Instructions

Top indicator:

 **Changing water:** When the raw water tank is low on water, the changing water indicator will flash and beep sound lasts 3 seconds to remind you to change the water in the raw water tank. When the icon is turned off, it is indicating that the dispenser is in normal working condition.

 **Water Filtration:** It lights up during the water filtration process and remains off during normal operation.

 **Filtered Water Jug Indicator:** If the filtered water tank is not properly placed, the indicator will flash to remind you to place the filtered water tank in position. Once the filtered water tank is properly placed, the indicator will turn off.

 **Filter Replacement Indicator:**

Filter Lifetime Normal: White

Filter Lifetime Expired: Red

After the filter has been replaced, the indicator resume to white.



Display Panel:

When displaying the temperature, the "°C" symbol on the right-side lights up, and "TDS" is not displayed. When the water extraction button is pressed, the display panel shows the temperature. After water extraction, it switches to display the TDS value of the filtered water.

Standby Mode:

The dispenser will enter standby mode, if there is no action for 120 seconds. Only the "● (Start)" is on, all other indicators are off.

Touch any button to end the standby mode. The dispenser will memorize the last selected water temperature preset, press the "● (Start)" to extract water.

Function Buttons

Water Temperature Selection:

 : Select to show real time temperature.

 : Select to show 45°C.

 : Select to show 100°C. "Press & Hold [Start] for 3s" will on and press "● (Start)" 3 seconds to extract water.

 : Select to show 85°C. "Press & Hold [Start] for 3s" will on and press "● (Start)" 3 seconds to extract water.

Water Volume Selection:

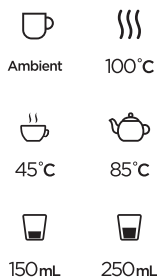
150ml & 250ml: Select and the display will on, the dispenser will stop automatically after dispensing 150ml or 250ml of water or press any button to stop.

Note:

- If you selected the same volume preset again, the button will partially illuminate, indicating the volume preset is cancelled.
- Switching between any temperature requires reconfiguring the water volume.

Extracting water:

- Select " (Ambient)", " (45°C)", press "● (Start)" to extract water;
- Select " (85°C)", " (100°C)", long press "● (Start)" for 3 seconds to extract water (Actual time may extract water after 2 seconds' press.);
- "● (Start)" will blink during water extraction.



Filter Lifetime



Filter Lifetime Indicator/ Rest the filter lifetime:

The colour of the filter lifetime indicator shows the remaining lifetime of the filter cartridge:

- White light: filter lifetime normal
- Flashing Red light: filter lifetime expires
(RO Filter lifetime expire will display "F1"; Mineralized filter lifetime expire will display "F2"; If both filters expire at the same time, display will switch between "F1" and "F2" in loop).
- White light: after reset the filter cartridge lifetime

Rest the filter lifetime:

Reset Combined (PP + Carbon + RO) filter: long press " (Ambient)" and " (150ml)" for 5 seconds,  filter replacement indicator changes to white again and "F1" status will disappear, reset process complete.

Reset Nano Activated Carbon filter: long press " (Ambient)" and " (250ml)" for 5 seconds,  filter replacement indicator changes to white again and "F2" status will disappear, reset process complete.

Combined (PP + Carbon + RO) filter lifetime indicator/

Nano Activated Carbon filter lifetime indicator:

Filter lifetime expires: the digital display will show "F1" or "F2" and will not limit the use of dispenser.

Combined (PP + Carbon + RO) filter lifetime expires after water filtration, the display will show "F1" after 5 seconds. (Filter Lifetime Expiration Interface) Dispenser will enter standby mode in 115 seconds. (If no operation in 120 seconds).

Touch any button to end the standby mode. The dispenser will memorize the latest mode, and the display will show "F1" to indicate the filter lifetime expiration.

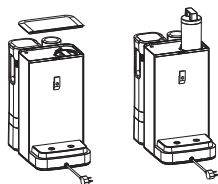
Reset to factory setting:

Long press " (Ambient)" + " (85°C)" for 5 seconds, the indicator lights change to white again in 1 second, plug in and finished reset to factory setting.

Filter Replacement instructions

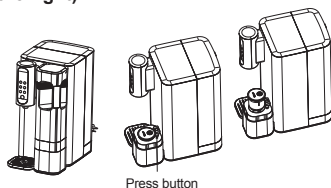
1. Combined (PP + Carbon + RO) Filter (see image on the right)

1. Take out the raw water tank and then the dispenser top lid
2. Rotate the used filter cartridge counterclockwise to the  position and take it out.
3. Insert the new filter cartridge into the dispenser. Rotate it clockwise to the  position and cover the dispenser top lid; put the raw water tank back to the dispenser.
4. Power on the dispenser, reset the filter cartridge lifetime and follow the cleaning procedures for first time use.



2. Nano Activated Carbon Filter (see image on the right)

1. Take out the filtered water tank
2. Press the button on the mineralized filter and take out the filter at the same time
3. Insert the new filter cartridge into the dispenser and put it to the right position, press and lock it. Put the filtered water tank back to the dispenser and power on the dispenser.



Note:

1. During the first-time use, it is necessary to install the Nano Activated Carbon filter to extract water properly.
2. A small amount of water may flow out when taking out the filter. Please just wipe it dry.

Display Panel

Note: There might be steam ejection during water extraction, please be aware of burn hazards.

One-key emptying:

Long press “ (Ambient)” + “ (45°C)” for emptying water for 5 seconds, the dispenser will extract water until the filtered water jug and the inner pipes are empty.

After one-key emptying, the first 5 seconds will extract ambient water and it will switch to normal mode.

Filter lifetime indicator and reset procedure:

1. Filter lifetime indicator: Flashing red lights and display shows “F1”, it indicates the Combined (PP + Carbon + RO) filter need to be replaced.
2. Reset filter lifetime: long press “ (Ambient)” and “ (150ml)” for 5 seconds, filter replacement indicator changes to white again and “F1” status will disappear, reset process complete.

Note: Nano Activated Carbon filter lifetime expire will display “F2”. long press “ (Ambient)” and “ (250ml)” for 5 seconds, filter replacement indicator change to white again and “F2” status will disappear, reset process complete.

Reminder:

1. For the first time use, to ensure the best filtration performance, fill the raw water tank and drain all filtered water when filtration is completed. Repeat this until two tanks of tap water is filtered.
2. Power on the dispenser, if the Water extraction button is not working, please wait till the filtration is done. When the water extraction button is on, it is ready to press to extract water.
3. If the filtered water jug is at a low water level, the dispenser will automatically start to filter the raw water until the filtration is done. Buzzing sound may occurs during the procedure.

Daily Maintenance

1. Place the dispenser on a stable surface with good ventilation
2. Remove the packaging and clean the water tank, fill the raw water tank with tap water and place it back to the dispenser, then place the lid back to the raw water tank properly.
Note: please do not use chemical detergents to clean the water tank.
3. Plug the power cord into a power socket, the display panel will light up, indicating that the dispenser is working.
4. For first time use, wait around 10 minutes until the filtration is completed.
5. Select the water temperature and volume needed, the screen will display the selected temperature and volume. Press the extraction button once to extract water.
6. Replace and clean the filter cartridge
 - a. filter cartridge according to the later lifetime indicator on the display panel, when the indicator start flashing, filter lifetime expires.
 - b. Power off and replace the new filter cartridge.

Reminder:

- a. To ensure water quality, filters replacement should be done in a timely manner.
- b. The suggested replacement cycle depends on the water quality in different areas:
Combined (PP + Carbon + RO) filter cartridge: 12-24 months
Nano Activated Carbon filter cartridge: 3-6 months
- c. When the water volume cycle increases, please replace the Combined (PP + Carbon + RO) filter
- d. If the water temperature is lower, water extraction time may take longer. This is a normal phenomenon.

Warranty and Maintenance

- Watsons Water Solution provides 12-month warranty, starting from the receipt date of the water dispenser. Parts will be charged separately after warranty. Please keep the invoice for proof of purchase.
- For repair service, under any circumstances, customer needs to bring the water dispenser to Watsons Water Centre, 6 Dai Li Street, Tai Po Industrial Estate, N.T. Please call Customer Service Hotline +852 2660 1993 for appointment.
Customer Service Centre office hours is Mon-Fri 9:00 a.m. to 6:00 p.m. Sat 9:00 a.m. to 12:00 p.m. (Except on public holidays)
- To purchase filters or other accessories, please call the customer service hotline +852 2662 1993 for enquiries.
- Watsons Water Solution shall not be liable for any conditions or damages resulting from accidents, alterations, exposure to the elements, misuse abuse or failure to follow the Watsons Water Solution's instructions with respect to installation, cleaning or maintenance. In case of any dispute, Watsons Water Solution's determination shall be final.

Marking Label

注意 Attention 

① 兒童須由成人陪同方可使用此水機。
Children should be accompanied by adults when using this dispenser.

② 倘遇操作故障，請勿自行修理。請關掉電源並致電熱線安排公司認可人員進行維修。
Should the dispenser encounters any technical problem and requires maintenance service, it must be tackled by the company qualified technician. Please disconnect the power source and call for service.

③ 如需更換濾水器，請參照說明書。
Please refer to the instruction manual for replacing the water filter cartridge.

WWS 88 RO Hot & Ambient Water Dispenser

MODEL: WWS 88	SERIAL NO: AWYYMMXXX
POWER VOLTAGE: 220 V~	MADE IN CHINA
FREQUENCY: 50 Hz	DISTRIBUTED BY: Watsons Water Solution
TOTAL RATED POWER: 2200 W	
DIMENSIONS: 393(H) x 210(W) x 326(D) mm	

Trouble Shooting

Error	Causes	Solutions
Leakage of electricity	1. Power not connected. 2. Internal wire loose.	1. Three-core plug with reliable grounding must be used. 2. Please contact customer service.
Cannot extract water	1. Display panel malfunction. 2. The water in the raw water tank is at low water level. 3. Sunlight shining on filtered water tank cause misjudgement.	1. Please contact customer service. 2. Add water. 3. Place the dispenser in a cool and dry place, away from direct sunlight.
 Changing water indicator always on	1. Water in raw water tank needs to be changed since the TDS value>1500ppm.	1. Change the water in raw water tank and place it back to the dispenser and close the lid properly or restart the dispenser.
 Changing water indicator flashing	1.The water level of raw water tank is under or reaches the lowest water level. 2. Raw water tank is not installed. 3. The water level of filtered water jug is under or reaches the lowest water level.	1.Change the water in raw water tank and place it back to the dispenser and close the lid properly. 2. Check the raw water tank and install it properly. 3. After changing the water in raw water tank, close the lid properly, wait for 10 minutes before extracting water.
E1	Heating element overheats, temperature over 55°C.	The water temperature sensor returns to normal, or temperature is lower than 55°C.
E2	Outlet water temperature sensor abnormality if the water temperature is over 102 °C for 3 seconds, the dispenser will activate automatic recovery protection.	The water temperature sensor returns to normal, or temperature is lower than 60°C.
E6	Filtration abnormality when the machine is in normal mode and there is no water extraction, if the filtration keeps running for 90 minutes and the indicator not function will prompt water extraction abnormal.	Restart the dispenser.

Packing list

Name	Name	Amount	Remarks
1	WWS 88 RO Water Dispenser	1x	
2	User Manual	1x	
3	Removable drip tray	1x	
4	Filtered water jug	2x	



WWS 88 RO
Hot & Ambient
Water Dispenser
User Manual

Watsons Water Solution
6 Dai Li Street, Tai Po Industrial Estate, N.T.
(852) 2662 1993
www.watsons-water.com