

velta

HYDROSPARK+

Purity Meets Sparkle.

• USER MANUAL •





VELTA HYDROSPARK+ WATER PURIFIER & SPARKLING SYSTEM

Purity Meets Sparkle

Congratulations on bringing home the **Velta HydroSpark+** — where innovation and elegance meet to redefine how you experience water.

HydroSpark+ isn't just a water system; it's a daily luxury. With advanced **R0 purification, precision temperature control, and fine CO₂ infusion**, it transforms ordinary tap water into pure, hot, cold, or sparkling perfection — ready at the touch of a button.

Every detail is crafted with purpose: to make hydration effortless, indulgent, and beautifully consistent. Whether it's a morning brew, an afternoon refreshment, or a late-evening refreshment, HydroSpark+ turns water into a quiet pleasure worth savoring.

Here's to the next level of hydration — clean, effortless, and timelessly refined.

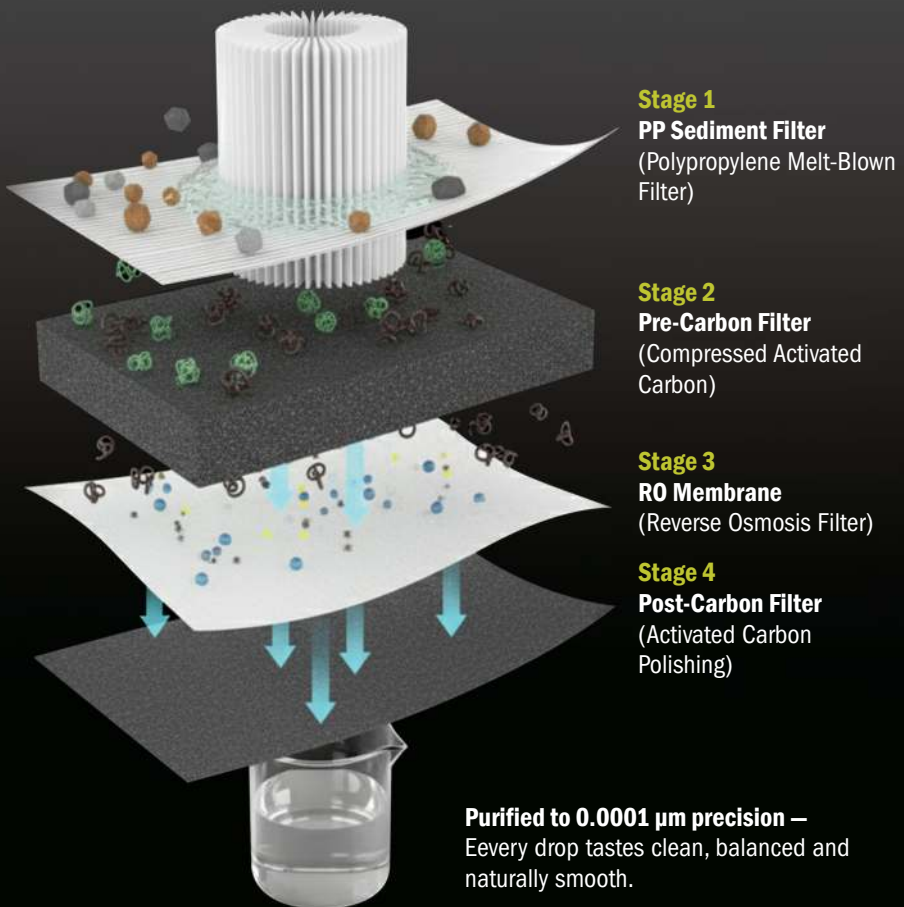
WHAT MAKES VELTA HYDROSPARK+ DIFFERENT?

Advanced 4-stage Filtration System

HydroSpark+ purifies water through a precision-engineered **4-Stage Composite Filter** — combining **PP Sediment, Activated Carbon (PAC), RO Membrane (0.0001 μm) and Post-Carbon Polishing** — ensuring every drop is pure, clean, and free from sediments, heavy metals, and impurities before carbonation.

Low-Maintenance Convenience

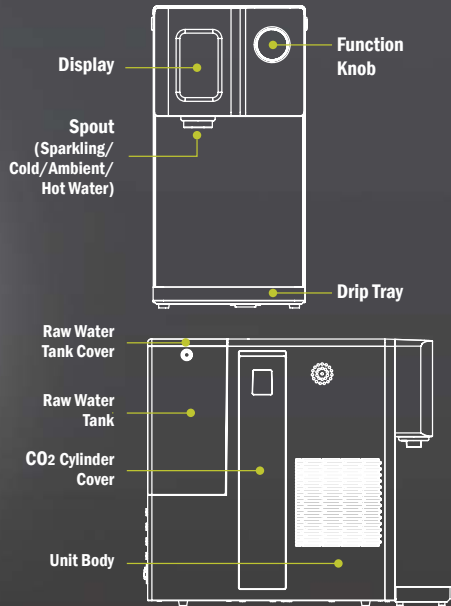
The smart composite cartridge simplifies replacement — ensuring a long filter lifespan with minimal effort, no tools, and no technician required.



ADVANCED ENGINEERING. REFINED EXPERIENCE.

Every detail in Velta HydroSpark+ is designed with purpose — combining precision engineering and user-focused design.

From its intelligent compressor cooling system to CO₂ infusion and dual water supply modes, HydroSpark+ delivers performance that feels effortless, reliable, and distinctly refined.



Display Panel

Smart digital interface for selecting water modes and viewing system status.

Function Knob

Ergonomic rotary dial for switching between water types and temperatures.

Water Spout

Delivers Sparkling / Cold / Ambient / Hot water on demand.

Drip Tray

Removable design for easy cleaning and maintenance.

Raw Water Tank Cover

Protective lid for the refillable 5L storage tank (manual refill mode).

CO₂ Cylinder Cover

Built-in compartment for the food-grade CO₂ cylinder.

Cooling Vent

Ensures efficient airflow and consistent compressor performance.

INSTALLATION & SETUP

A Thoughtful Start for Perfect Performance

Your Velta HydroSpark+ is built for precision. Taking a few moments to install it correctly ensures years of seamless performance and sparkling perfection.

24
HOURS



PLACEMENT & PREPARATION

- Allow the unit to **stand upright for 24 hours** after delivery. This helps the internal refrigerant stabilize for optimal cooling.
- Ensure **at least 30 cm clearance** on both sides for ventilation. Proper airflow protects the compressor and keeps cooling efficient.

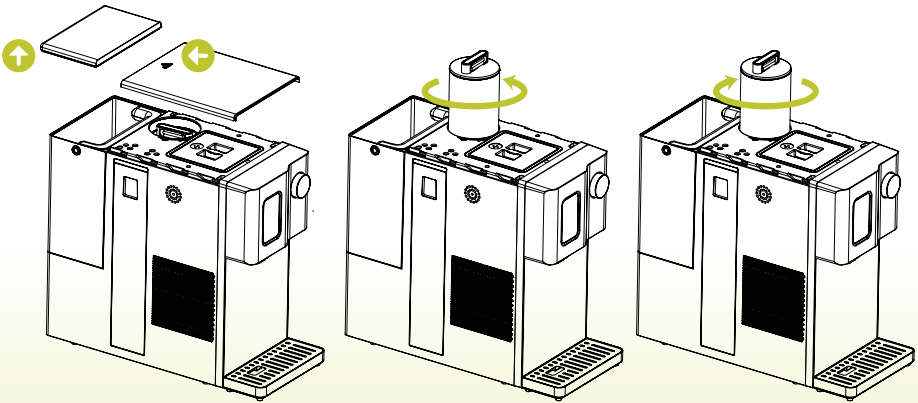
PRO TIP:

Choose a dry, level surface away from direct sunlight or heat sources for the best temperature stability.

MAINTENANCE TIPS

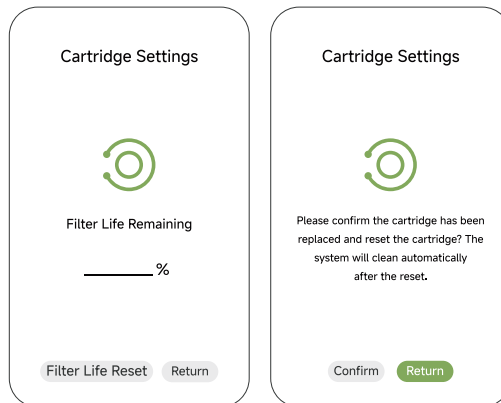
- Run the **Cleaning Function** if the unit is idle for several days.
- Keep the **drip tray** clean and emptied regularly.
- Replace filters as prompted by the display to maintain peak water quality.

FILTER INSTALLATION



PURE WATER STARTS WITH PROPER FILTRATION

1. Switch off the power and remove the raw water tank cover.
2. Rotate the old filter **counterclockwise** to remove it.
3. Insert the new cartridge gently, then rotate **clockwise** until secured.
4. Power on and **reset filter life** via the touchscreen.



The system will begin a **30-minute automatic flush** to ensure purity before first use.

NOTE: Use only original Velta filters to maintain certification and water quality.

OPERATION (START-UP)

NOTE: Before starting up, make sure the filter cartridge is installed. Do not install the CO₂ cylinder yet.

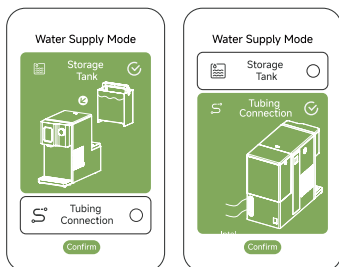
1. POWER ON

Plug in the power cord and switch on the power at the back of the unit

2. SELECT WATER SUPPLY MODE

On the screen, choose your preferred water supply option:

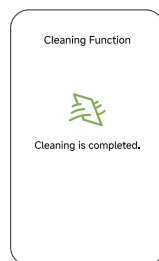
- **Storage Tank Mode**
Manual refill, installation-free, easy to move.
- **Tubing Connection Mode**
Connect the inlet and drain pipes for automatic water supply.



AUTOMATIC FLUSH

After selecting your mode, the system will automatically begin a 30-minute flushing process to ensure clean and safe water. Follow the on-screen steps until the cleaning is completed.

Once cleaning is complete, your HydroSpark+ is ready for use. You may now proceed to install the CO₂ cylinder



CO₂ CYLINDER INSTALLATION

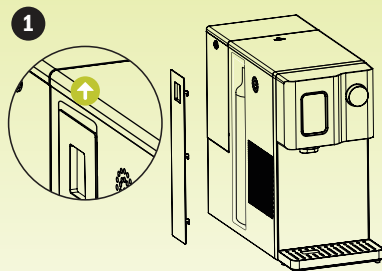
FOR SAFE, CONSISTENT SPARKLE

1. Turn off power before removing the CO₂ compartment cover.
2. Hold the CO₂ cylinder **vertically**, aligning it carefully with the connector.

You may **slightly adjust the angle** for comfort while engaging the threads.

Rotate **clockwise** until it is fully secured and no gap is visible.

3. Reinstall the cover and power on.

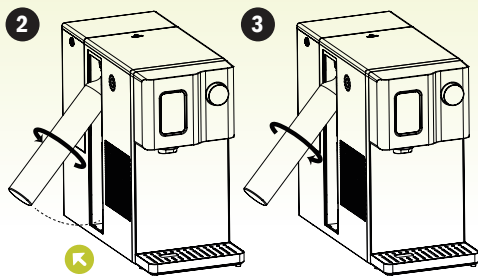


Proper Installed



Improperly Installed

Proper installation ensures stable carbonation, prevents gas leakage, and maintains consistent performance.

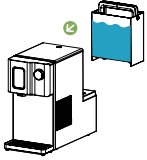


FIRST-USE CLEANING (STORAGE TANK MODE)

FLUSH

Fill the raw water tank with tap water and seat it properly.

The system **flushes the new filter** for about **5 minutes** to wash out fine carbon.



Please lift the raw water tank and fill it with municipal water, then install it correctly. The cartridge will be flushed.

Flush

Cleaning Function



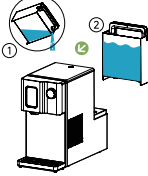
Flushing

Remaining **5 minutes** **0** seconds

RINSE

Empty the tank, **refill with fresh tap water** and reinstall it.

The unit runs a **rinse/circulation cycle** for about **8 minutes** to condition the system.



Please empty the raw water tank, refill the municipal water, and install it correctly. The system will service automatically.

Cleaning Function



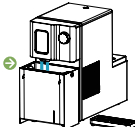
Working

Remaining **8 Minutes** **0** Seconds

DRAIN

Place the raw water tank under the spout and press the knob to confirm **Drain**.

The machine **empties all internal water** automatically.



Please lift the raw water tank and put it under the faucet, press the screen, the system will drain automatically.

Drain

Cleaning Function



Draining

Remaining **2 minutes** **0** seconds

Stop

Finish Sequence Shown On Screen

1. Flush → 2. Rinse → 3. Drain → 4. Rinse → 5. Drain → 6. Completed

Notes

- A small amount of dark/grey water during the first flush is normal (carbon fines).
- Use only the water produced after “Cleaning completed.”

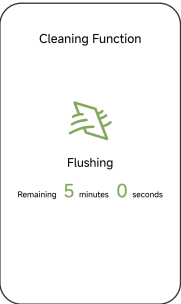
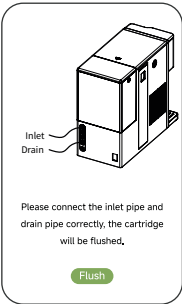
FIRST USE CLEANING (TUBING CONNECTION MODE)

FLUSH

Connect both the **inlet** and **drain** tubes properly at the back of the unit.

The system will automatically flush the new filter.

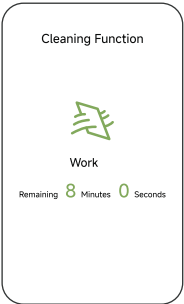
This process takes around **5 minutes**.



RINSE

After flushing, the system will continue with an automatic rinsing process.

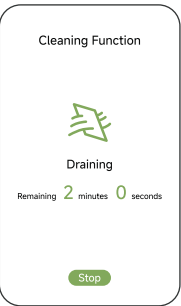
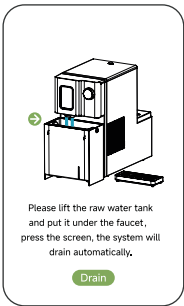
This takes about **8 minutes**.



DRAIN

Place the raw water tank below the spout and select **“Drain”** on the screen.

The system will automatically release all remaining water inside the unit.



Steps:

1. Flush → 2. Rinse → 3. Drain → 4. Rinse → 5. Drain → 6. Finish

Note

During the first use of the filter cartridge, a small amount of black or lousy water may appear – this is normal.

The system will automatically rinse the filter twice to ensure clean, safe water.

PRODUCT OVERVIEW

DISPLAY & OPERATION

After plugging in the power, switch on the unit using the button at the back. The screen will show the start-up page and automatically initialize.

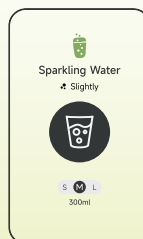
Once ready, the main display lights up. If the unit remains idle for 30 seconds, it will enter **energy-saving mode**.

To wake it up, simply press the knob — the main screen will appear.

SCREEN SAVER & MAIN DISPLAY



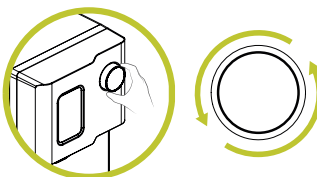
Standby screen when idle.



Main interface for selecting water type and serving size.

1. SELECT WATER TYPE OR SETTING

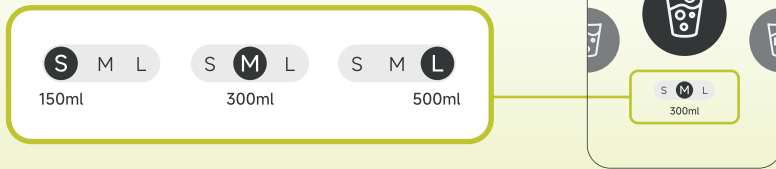
Turn the knob to choose your preferred water type or setting — Hot, Cold, Ambient, or Sparkling.



Choose from a variety of preset options for your preferred water type and temperature:

- **Sparkling Water (Slightly/Strongly)** • **Cold Water** • **Ambient Water** • **45°C Hot Water**
 - **85°C Hot Water** • **95°C Hot Water** • **Settings**

2. SET WATER VOLUME



Press and hold the knob to enter the **Water Volume Setting** page.
 Rotate the knob to select your desired default dispensing volume: **150 ml, 300 ml, or 500 ml**.
 Release the knob to confirm – the display will return to your selected water option page.

3. WATER DISPENSING & STATUS DISPLAY

Once on the main screen, **press the knob once** to begin dispensing.
 A gentle animation will appear as water flows, reflecting your selected mode.
 Each water type is identified by a **distinct LED color** beneath the spout for instant recognition:
 The system will automatically dispense the preset water volume.
 To pause or stop at any time, **press the knob again**.

	Product Water	Status Light
  	Sparkling / Cold	
	Ambient	
  	Hot	

HOT WATER SAFETY LOCK

For your safety, **85°C and 95°C** hot water functions are protected by a **child safety lock**, enabled by default (see Figure 1).
 To unlock, **press the knob once**, then **press again to dispense** (see Figure 2).

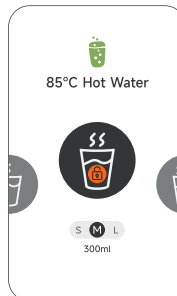


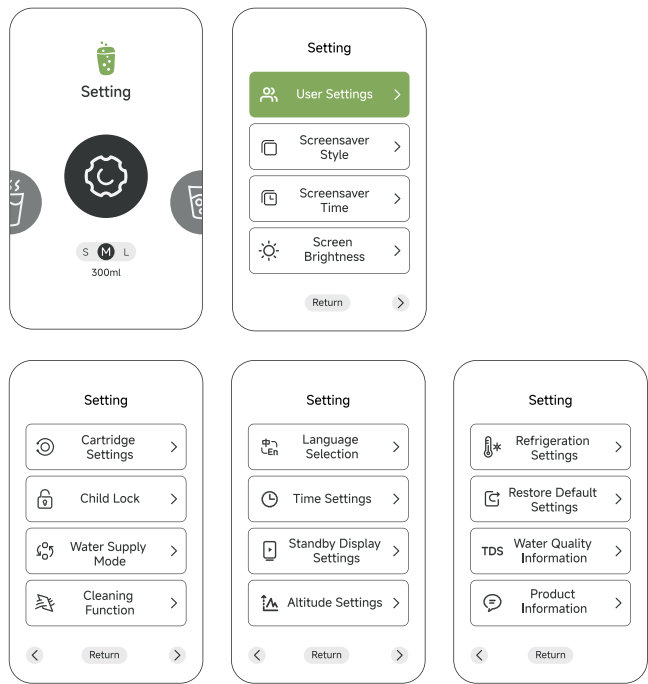
Figure 1



Figure 2

4. SYSTEM SETTINGS

Short press the knob to enter the system settings menu.
Turn the knob left or right – the highlighted green section indicates your current selection.
Short press the knob to confirm and enter the selected setting.



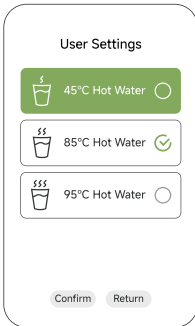
Select the **Return** button and short press the knob again to go back to the previous page.

Icon	Explanation
	Enabled
	Not enabled
	Confirm the current setting
	Return to the previous setting page
	Highlighted green part indicates the current selection

User Settings

Users can enable or disable the hot water options.

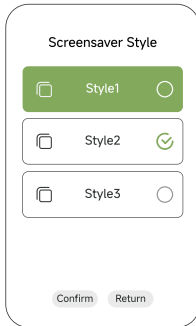
Turn the knob to select the desired temperature, then short press the knob to enable or disable it.



Screensaver Style

Users can choose their preferred screensaver style.

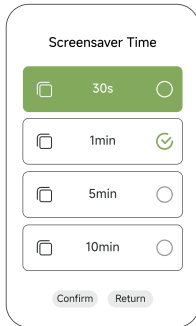
Turn the knob to browse available options, then short press the knob to confirm your selection.



Screen Saver Time Setting

Users can set the duration for the system to activate the screen saver when idle.

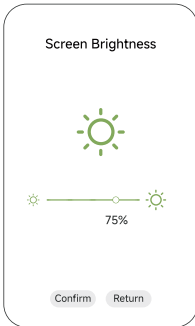
Turn the knob to select the desired time, then short press the knob to confirm your choice.



Screen Brightness

Users can adjust the screen brightness according to their preference.

Turn the knob to increase or decrease the brightness level.

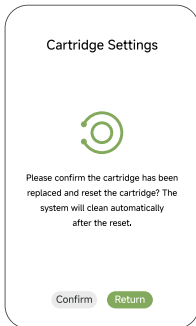
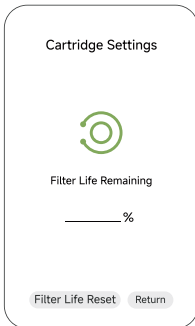


Filter Setting

Users can check the remaining lifespan of the filter.

Turn the knob to select **Filter Life Reset**, then enter the reset page to update the filter status.

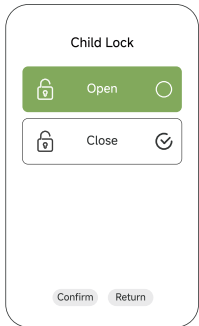
- After replacing the filter cartridge, please follow the on-screen instructions.
- To ensure drinking water safety, reset the filter life and update its usage status after replacement.
- Once reset, the system will automatically perform a 30-minute flushing process.
- Please remove the gas cylinder as instructed on the screen before proceeding.



Child Lock

Users can enable or disable the child lock function.

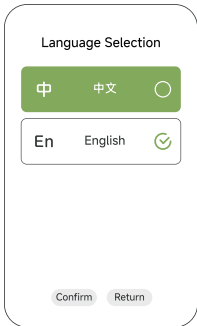
Turn the knob to select an option, then short press the knob to confirm.



Language Selection

Users can select their preferred language.

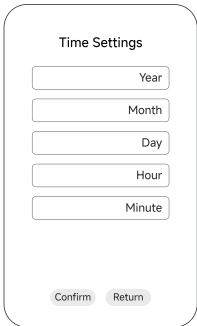
Turn the knob to choose a language, then short press the knob to confirm.



System Time

Users can set the system time.

Turn the knob to select the desired value (year, month, day, hour, or minute), then short press the knob to confirm.

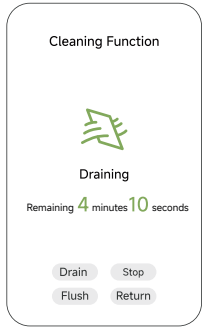


Cleaning Function

Users can operate the system's cleaning function. Before starting, place a water collection container below the spout and remove the gas cylinder.

- Select Drain, then short press the knob to start the emptying process (approximately 2.5 minutes).
- Select Flush, then short press the knob to start the flushing process (approximately 4 minutes).

After flushing is completed, the system will automatically empty the remaining wastewater in the tank.

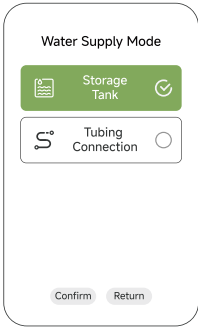


Water Supply Mode

Users can choose between Tank Mode and Tubing Connection Mode.

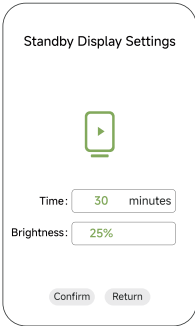
- **Tank Mode:** Uses a 5-liter built-in storage tank that can be manually refilled. No tubing connection is required — ideal for flexible, installation-free setups.
- **Tubing Connection Mode:** Connects the water inlet and drain tubing for continuous automatic water feeding from a tap source.

Turn the knob to select a mode, then short press the knob to confirm.



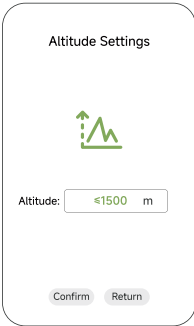
Energy Save Setting

Users can adjust how long the system waits before entering energy-saving mode and set the screen brightness for this mode. Turn the knob to select the option, adjust the time and brightness, then short press the knob to confirm.



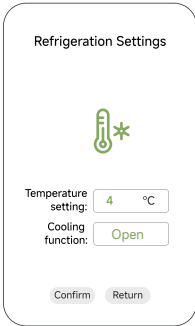
Altitude Setting

Users can set the altitude level according to their local area. Turn the knob to select the value, then short press the knob to confirm.



Refrigeration Settings

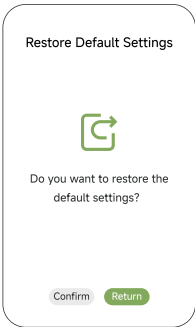
Users can adjust the lowest temperature for cold water and choose whether to enable or disable the cooling function. Turn the knob to select the option, then short press the knob to confirm.



Restore Factory Defaults

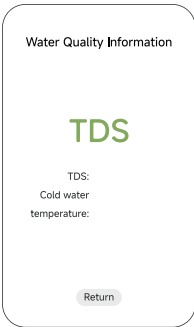
Users can restore the system to its default factory settings when needed.

(All settings will be reset except for the filter life remaining.)



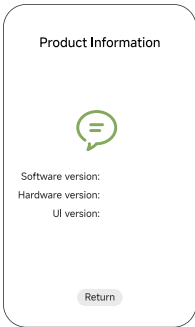
Water Quality Information

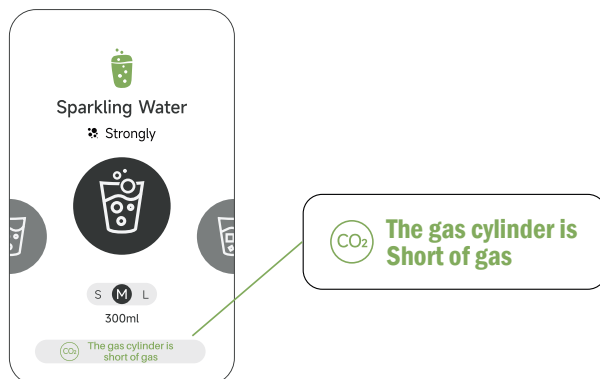
Users can view water quality details such as the TDS value and cold water temperature. Select the **“Return”** icon and short press the knob to go back to the previous settings page.



Product Version Information

Users can view the product’s software version, hardware version, and UI version. Select the **“Return”** icon and short press the knob to go back to the previous settings page.





Icon	Explanation	
	The Gas Cylinder Is Short Of Gas	Indicates that the CO2 has been exhausted or no gas cylinder has been installed.
	Water Shortage Of Raw Water Tank	Indicates that the raw water tank is short of water.
	The Filter Cartridge Is About To Expire	The filter life remaining is less than 5%. Please prepare to replace the filter.
	The Filter Cartridge Has Expired	Filter life has expired and needs to be replaced.
Purifying, Please Wait		Indicates the machine is dispensing water, including cold, hot, or room-temperature water.
Making Sparkling, Please Wait		Indicates the machine is producing sparkling water.
Cooling System Is Not Activated		Indicates the cooling function is not enabled. Please turn on the cooling function before dispensing chilled water.

SPARKLING WATER FUNCTION USER GUIDE

Before using the **Sparkling Water** function, please ensure that the **refrigeration setting** has been activated. Otherwise, this function cannot be enabled.

The sparkling water function uses **CO₂** and operates at **high outlet pressure**, which may cause slight fluctuations in flow or mild spraying — this is normal.

During operation, you may notice **minor vibrations or noise** as the pump delivers purified water into the high-pressure gas cylinder.

If sparkling water does not dispense, or if cold water does not reach the set temperature, please check whether the **CO₂ cylinder is empty** and replace it if necessary.





FILTER CARTRIDGE USAGE & REPLACEMENT GUIDE

1. RECOMMENDED REPLACEMENT CYCLE

The suggested replacement period is based on average municipal tap water quality and normal household usage.

Actual lifespan may vary depending on your local water quality, usage habits, and environment. If your area's water quality is poor or consumption is high, the filter may need to be replaced earlier.

2. DESIGNED FOR HOME USE

The filter is optimized for household drinking water systems. It is not recommended for public or commercial spaces with high or continuous water demand.

3. REFERENCE REPLACEMENT DATA

Under typical household conditions, using standard tap water:

Filter Cartridge	Recommended Replacement Cycle
4-in-1 Composite Filter (PP + PAC + RO + CF)	24 months

4. IMPORTANT NOTES

Water quality greatly affects filter performance and lifespan. Differences in temperature, pressure, or impurity levels may cause shorter replacement intervals. The data above is provided as a general guideline only.

5. REPLACE THE FILTER IF YOU NOTICE:

- A change in water taste or odor.
- A significant drop in water flow (not due to pressure or temperature).
- The filter appears clogged, or output becomes weak.

Tip: Regular replacement ensures optimal performance, stable water flow, and consistently pure, great-tasting water.

TROUBLESHOOTING GUIDE

PROBLEM NO WATER OUTPUT

POSSIBLE CAUSES	SOLUTIONS
1. Raw water tank is empty.	Lift the raw water tank, discard any remaining wastewater, refill with tap water, and restart the water-producing process.
2. Filter cartridge is clogged due to long-term use.	Contact after-sales service to replace the filter cartridge.
3. Water feeding component is damaged.	Contact after-sales service for inspection and repair.

PROBLEM NO HOT WATER

POSSIBLE CAUSES	SOLUTIONS
1. Heating element malfunction.	Contact after-sales service.
2. Temperature controller protection activated.	Contact after-sales service.

PROBLEM NO COLD WATER

POSSIBLE CAUSES	SOLUTIONS
1. Cooling function is turned off.	Go to Settings and turn on the cooling function.
2. Air outlet is blocked.	Adjust the unit placement to ensure at least 30 cm of ventilation space for heat dissipation.
3. Refrigeration system malfunction.	Contact after-sales service.

PROBLEM NO SPARKLING WATER

POSSIBLE CAUSES	SOLUTIONS
1. CO ₂ cylinder is empty.	Replace with a new CO ₂ cylinder.
2. Raw water tank is empty.	Refill the raw water tank and wait for the water-producing process to complete.
3. Cold water temperature above 10 °C.	Wait for the water to reach the proper cooling temperature.
4. Water feeding component malfunction.	Contact after-sales service.
5. CO ₂ cylinder not installed properly.	Reinstall the gas cylinder securely.

ERROR CODE REFERENCE

ERROR CODE	PROBLEM	SOLUTION
E1	Continuous water production for an extended time. wait briefly, then plug it back in.	Unplug the unit,
E2	Inlet water temperature sensor (NTC) open circuit.	Contact after-sales service.
E3	Outlet water temperature sensor (NTC) open circuit.	Contact after-sales service.
E4	Feed water temperature too low.	Use water at a temperature above 3°C.
E5	Hardware circuit board malfunction.	Contact after-sales service.

REFILLING THE RAW WATER TANK

STANDARD PROCEDURE

When the “Water shortage of raw water tank” message appears on the display:

1. Remove the raw water tank, empty any remaining water, and refill it with clean tap water.
2. Reinstall the tank securely onto the unit.

Once the prompt disappears, the system will automatically resume normal operation.

INCORRECT HANDLING (TO AVOID)

1. Filling without removing the tank

Pouring water directly into the tank using another container will not clear the “Water shortage” message, and the system will not operate properly.

2. Partial tank removal

Lifting the tank for less than 5 seconds after refilling may cause the system to misread the refill. Ensure the tank is properly removed, refilled, and reinstalled.

3. Filling without the prompt displayed

If the screen does not display the “Water shortage” prompt, you may still refill the tank using another container. The system will automatically detect the refill and return to normal operation.

Note: Repeated improper refilling may affect water quality and shorten the filter's lifespan.

WARRANTY & SUPPORT

12-MONTHS COMPREHENSIVE PARTS WARRANTY

Every Velta HydroSpark+ unit is backed by a **12-months** warranty covering defects in key components under normal home use. This warranty applies to the original purchaser and guarantees that any defective parts – such as the carbonation system, electronic controls, or internal hardware – will be repaired or replaced at no cost (excluding consumables like filters and CO₂ cylinders).

COVERED	NOT COVERED
Manufacturing defects in parts such as the carbonation module, electronics, and cooling system	Filters, CO ₂ cylinders, and other consumables
1-to-1 replacement or repair of faulty components	Damage caused by misuse, improper installation, or accidents
Shipping of approved replacement parts within Malaysia	Disassembly or unauthorized repair beyond filter or CO ₂ replacement
	Labor or service fees for third-party installations

Note: This is a parts-only warranty, not a full unit replacement unless the main body is irreparable. All warranty claims require clear photo/video evidence and are subject to inspection and approval.

NEED HELP?

Customer Care: +6012-2261 777

Email: support@velta.my

Website: www.velta.my/support

DISCLAIMER

Velta HydroSpark+ is a household sparkling and purified water system designed to enhance daily hydration and reduce reliance on bottled beverages.

Results may vary depending on your source water and CO₂ usage.

This appliance is **not intended to diagnose, treat, or prevent any disease.**



PRODUCT SPECIFICATIONS

Specification	Details
Product Name	Velta HydroSpark+ Water Purifier & Sparkling System
Product Model	VS-10
Filter System	Composite Filter (PP+PAC+RO+CF)
Rated Water Purification Capacity	4000 L
Water Production Flow Rate	0.52 L/min
Power Supply	220 V - 240 V
Frequency	50 Hz
Operating Water Pressure	0.4 - 0.8 MPa
Cooling Water Capacity	2.4L/H ($\leq 4^{\circ}\text{C}$)
Heating Water Capacity	18 L/H ($\geq 90^{\circ}\text{C}$)
Ice Water Production Capacity	2 L ($\leq 10^{\circ}\text{C}$)
Sparkling Water Concentration	6 g/L (4°C)
Raw Water Tank Capacity	5 L
Waste Water Tank Capacity	1 L
Suitable Water Source	Municipal tap water
External Material	ABS + Metal
Product Dimensions (W×D×H)	220 × 508 × 436 mm
Net / Gross Weight	21.7 kg / 25.5 kg
Package Demensions	625 x 355 x 560 mm



Because Your Body Knows the Difference.



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