POWEROLOGY

Powerology

Reverse Osmosis Water Purifier and Dispenser with Instant Hot Water

SKU: PROWDSP

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Before using the product, please carefully read this User Manual to guarantee correct usage and keep it secure for future reference.

Overview

This machine incorporates reverse osmosis (RO) filtration technology, rare earth thick film heating technology, and patented color screen technology, offering an all-in-one solution. Designed as a desktop drinking machine that requires no installation, it effectively filters out harmful substances in water while enhancing the mineral content beneficial to the human body, ensuring high-quality, safe drinking water. Additionally, the machine features 3-second quick heating, separate channels for raw, purified, and wastewater, and an integrated waterway structure with an anti-scalding child lock, enhancing safety, ease, and convenience of use.
The machine is suitable for placement in living rooms, bedrooms, offices, and similar settings. Thanks to its plug-and-play design, it represents the optimal choice for accessing safe and healthy water.

Package Contents

1. Reverse Osmosis Water Purifier and Dispenser
2. Drip tray

Safety Precautions

1. Do not wash the body of the machine with water.
2. Avoid using universal sockets and other electrical appliances simultaneously. Ensure the socket used is rated for at least 10 amps.
3. Do not suspend the water receiver; instead, place it on a stable table.

4. Refrain from adding turbid tap water, ice cubes, or mixed liquids such as milk and fruit juice to the water tank.
5. Do not extend the water outlet nozzle beyond the rim of the cup to prevent the risk of outlet blockage by boiling water.
6. Children aged 8 years and older, as well as individuals with physical, sensory, or mental disabilities, may use the drinking machine under adult supervision with proper instruction on safe operation. Children must not clean or maintain the machine without adult oversight.
7. If the power line is damaged, it is imperative to have it replaced by the manufacturer, a service agent, or qualified professionals to ensure safety and prevent hazards.
8. Cease using the machine if the ambient temperature falls below 4°C or exceeds 38°C to prevent damage.
9. Exercise caution when switching from high-temperature to low-temperature water, as the fresh water may still be hot enough to cause scalding.
10. If the quality of the raw water does not meet municipal standards, including high silt content or excessive total dissolved solids (TDS), the filter's lifespan may be reduced.
11. For safety, ensure the water purifier is positioned on a stable, flat surface with an incline of no more than 10 degrees.
12. It is normal to find residual water inside the machine upon delivery, as each unit is filled with water for a thorough inspection at the factory.

Specifications

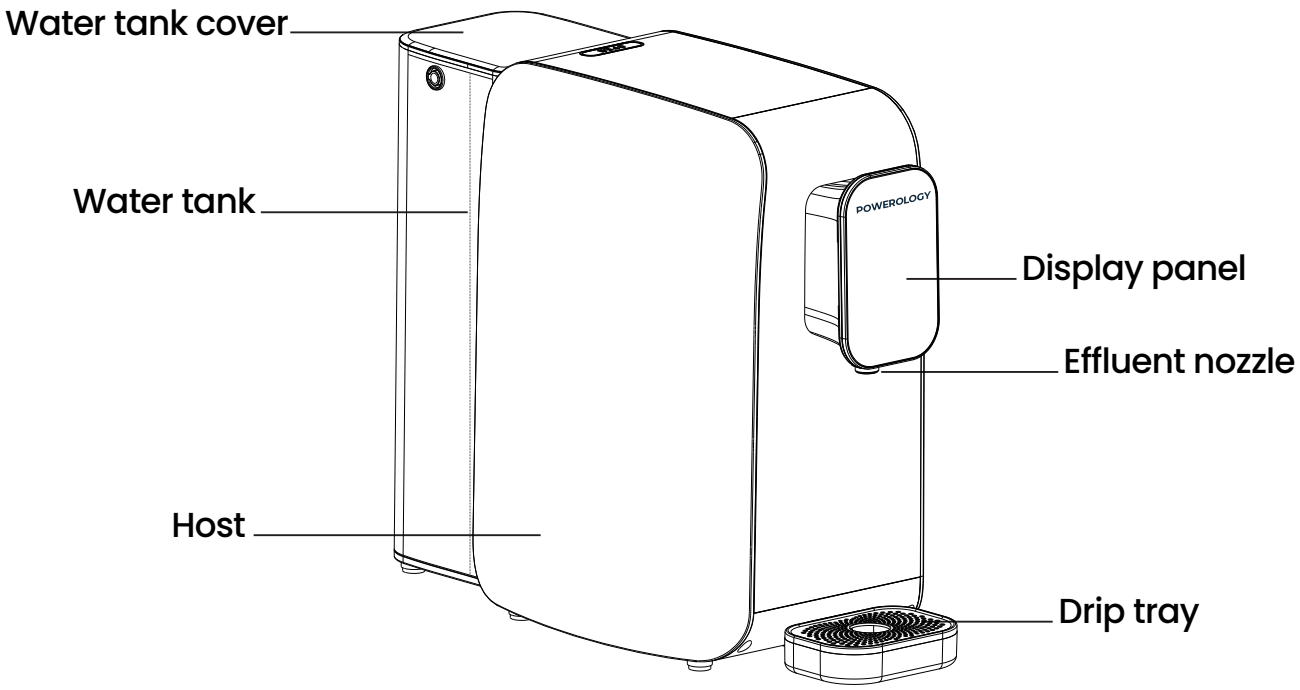
Rated Voltage	220-240V, 50Hz
Rated Power	2000W
Power Cord	UK 3-Pin Plug
Water Tank Capacity	3L
Waste Water Tank	1L

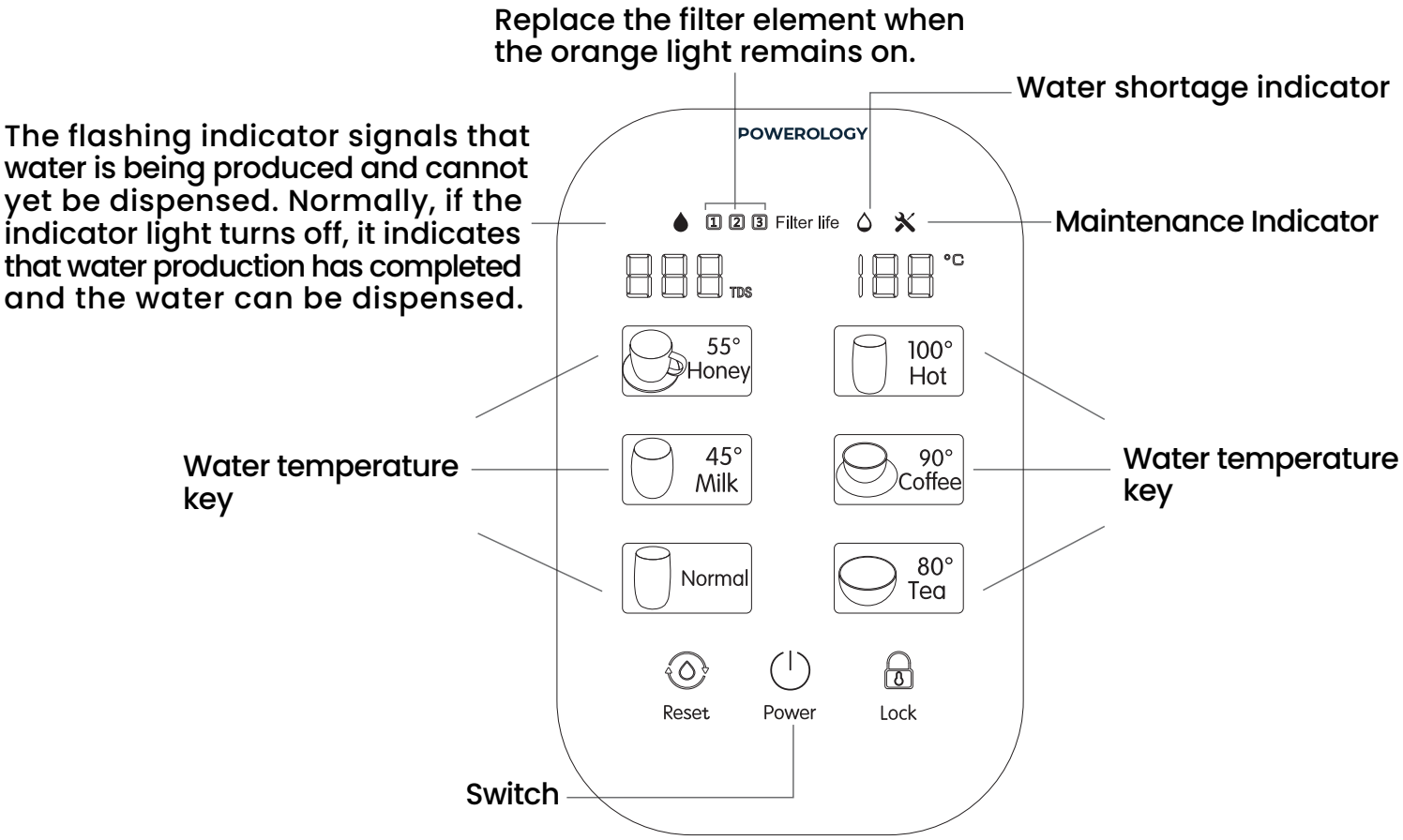
Water Heating Capacity	18L/H (≥90°C)
Water Tank Recommended Temperature	4-38°C
Net Weight	7.3KG
Product Dimension	387×200×450mm

Filter Component Function

Filter Name	Filter Type	Function	Recommended Replacement Period
RO	Reverse osmosis filter element	Filter precision of 0.0001 μm, removal of incrustation and heavy metals	12-24 months
PAC	Folding PP cotton activated carbon composite filter	Removal of impurities such as silt, rust, sand, suspended solids, and bloodworm; removal of residual chlorine and absorption of disagreeable tastes and odors.	6-12 months
CF	Rear composite carbon rod	Further enhances taste	6-12 months

Schematic View





Control panel

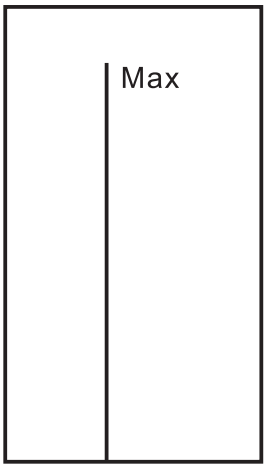
Operation Guidelines

[A] Initial Use

1. Position the water purifying and drinking machine on a desktop, cupboard, or another flat surface.
2. Remove the original water tank, fill it with tap water up to the maximum water level, and then attach it to the machine.
3. Connect the machine to a power source.
4. The machine automatically flushes the water filter system and pipelines for two minutes upon initial power-up. After flushing, drain the tank and refill it with tap water.
5. The machine automatically begins water production after the flushing process is complete. It can be used normally once water production has finished.

Note: The water should be changed once to ensure all parts are

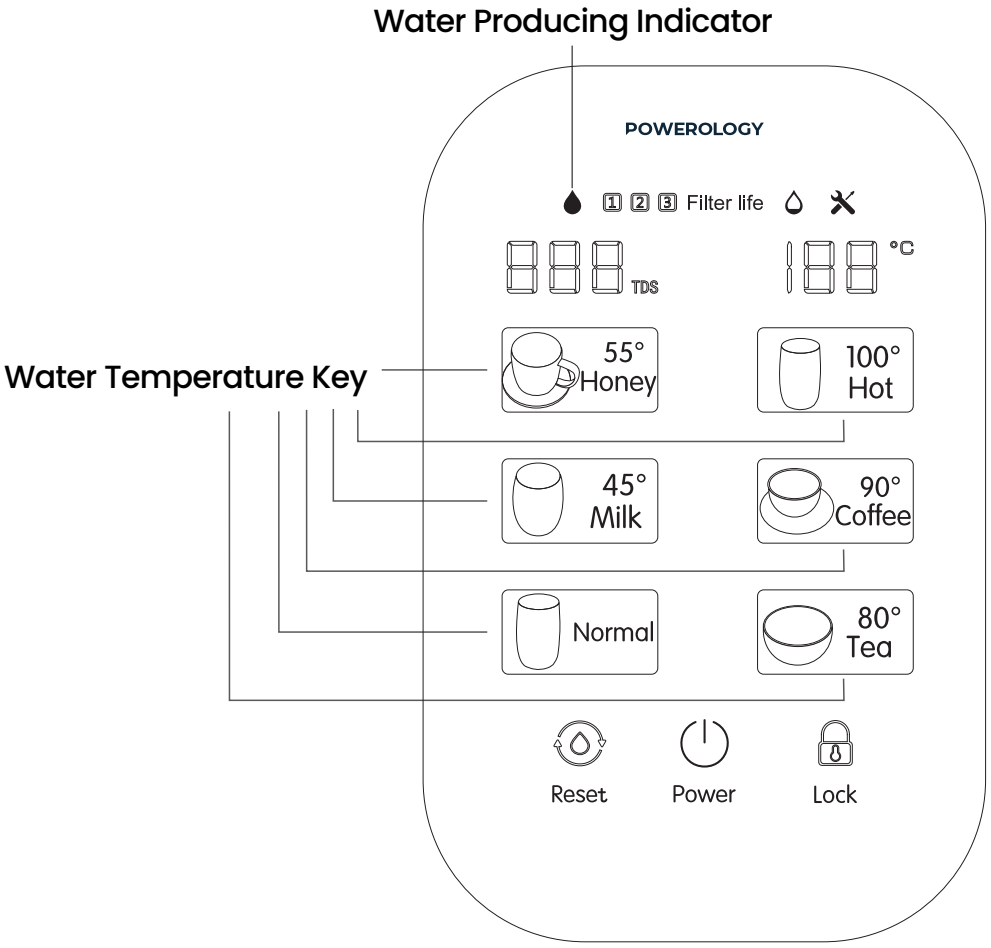
rinsed thoroughly before the machine fills up the internal purified water tank.



6. To achieve optimal water quality, it is recommended that when the unlock key is locked, you press and hold 100° Hot for two seconds (until the digital screen displays "00") for manual flushing, which should be performed three times.

[B] Temperature Control Guide

The product offers 6 selectable water temperature settings. Pressing the "Honey," "Milk," and "Normal Temperature Water" keys will allow you to dispense water directly. For the remaining three temperature options, you must press the unlock key first before dispensing water. Pressing any temperature key during water dispensing will stop the water flow.



[C] Usage Precautions

1. This machine is equipped with a quantitative water outlet protection feature. Once the water output exceeds 400ml, it will automatically stop.
2. When dispensing hot water, do not place your hand under the water outlet to avoid the risk of scalding.
3. To prevent dry burning, when using the machine for the first time or after powering it on, dispense room temperature water before dispensing hot water.
4. The unlock key will automatically lock when there is no water output or after 10 operations.

[D] Water Shortage Indicator

When the "Water Shortage" indicator lights up, it means that the raw water supply is insufficient. Empty the wastewater from the raw water tank and refill it with municipal tap water.

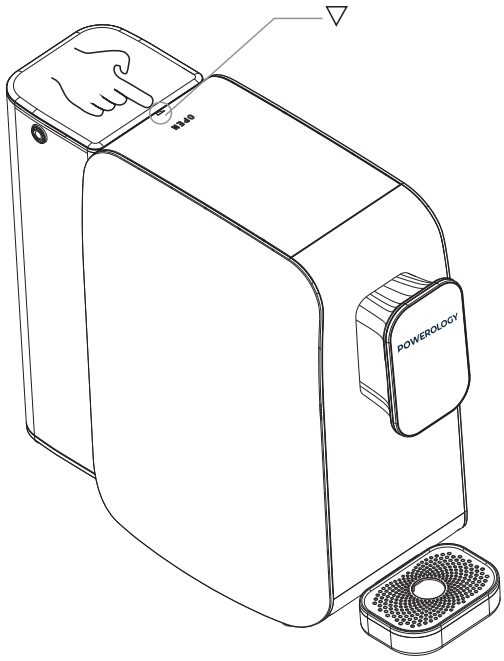
[E] Sleep Mode

If no key is pressed to dispense water within 1 hour after water production, the machine will automatically enter sleep mode to conserve energy. To wake the machine, press any water temperature key, which will bring it out of sleep mode and return it to standby.

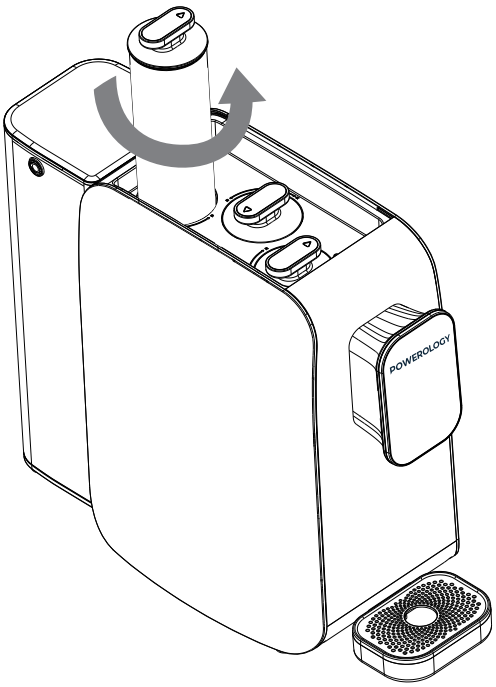
Filter Replacement

When the filter element reaches 20% of its service life, the indicator light will flash orange, signaling that the filter element needs to be replaced.

Step 1: Turn off the power and remove the old filter element.

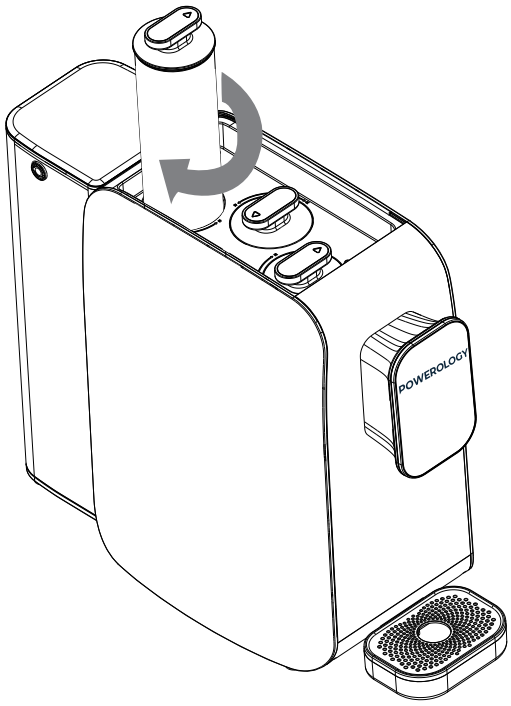


Press the ▽ button to automatically open the head cover of the machine.

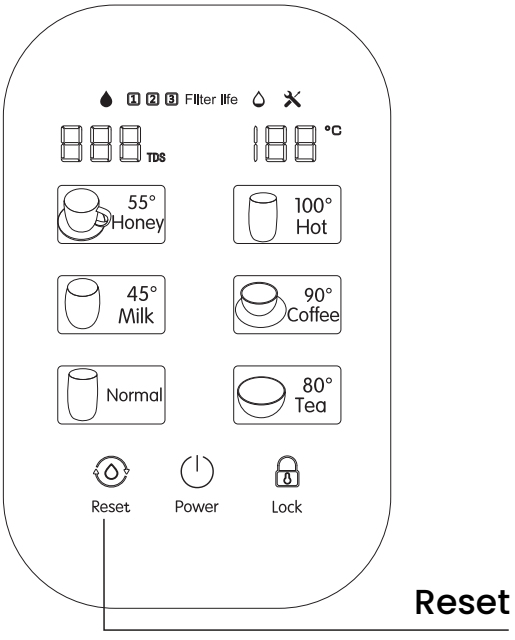


Rotate the filter element counterclockwise and lift it out.

Step 2: Installation of the new filter



Assemble the new filter element and rotate it clockwise to secure it.



Press and hold "RESET," then touch "RESET" again to select the corresponding filter element. Press and hold "RESET" for 3 seconds to complete the reset process.

Note: The original filter element must be used for replacement to ensure the safety of drinking water. If any issues occur during the filter replacement process, please contact the professional service agents.

Troubleshooting

If your machine experiences a failure, please consult the help information in the following table first. If the issue cannot be resolved, contact the professional service agents.

Problem	Solution
The machine cannot produce water	1. Check whether the raw water tank has water
	2. Check whether the filter element is blocked due to excessive dirt
Water flow is reduced	Check whether the filter element is too dirty or used beyond its service life
Water does not taste good	1. Check whether the filter element has not been replaced after exceeding its service life
	2. Check whether any parts of the machine have been dismantled without authorization
	3. Check whether the parts at the seepage point are screwed tightly, staggered, or have damaged threads
	4. Check whether the silicone seal ring at the seepage point is aged or damaged
Electricity leakage and induced electricity in the machine body	The machine is poorly grounded
The machine cannot generate heat	1. Check whether the power is on
	2. Check whether the thermostat protector on the heating bucket has reset

Error Guide

Error Code	Reason	Solution
E1	The machine stops after producing water for 90 minutes continuously, and the water is not full. The fault indicator turns on and displays "E1."	Check for leakage
E5	When the intake water temperature is between 1-0°C, the fault indicator turns on and displays "E5."	Use water between 4°C and 38°C

Harmful Substances Compliance

To comply with laws, regulations, and other requirements regarding the limitation of harmful substances in electronic and electrical products, our company provides the following statement after a thorough internal review based on the category of parts.

Part Name	Harmful Substances					
	Lead (Pb)	Mercury Cadmium (Hg)	(Cd)	Hexavalent chromium (Cr(VI))	biphenyls (PBB)	Polybrominated Polybrominated biphenyl (PBDE)
Filter element	○	○	○	○	○	○
Raw water tank	○	○	○	○	○	○
Solenoid valve	○	○	○	○	○	○
Self-priming pump	○	○	○	○	○	○
Water suction pump	○	○	○	○	○	○
Silicone and rubber sealing parts	○	○	○	○	○	○
Components of computer board	X	○	X	○	○	○
Other metal structural parts	X	○	○	X	○	○
Power adapter	X	○	○	○	○	○
Plastic parts	○	○	○	○	○	○

Wires	○	○	○	○	○	○
Water storage tank	○	○	○	○	○	○
Power line	X	○	○	○	○	○
Package printing parts	○	○	○	○	○	○

This form is prepared in accordance with the provisions of SJ/T 11364. Please note that some models may not include all parts listed in this form. The electric control board component consists of elements, PCBs, wiring terminals, and more.

Note:

O: Indicates that the content of hazardous substances in all homogeneous materials of the part complies with the limits set by GB/T 26572.

X: Indicates that the content of hazardous substances in some homogeneous materials of the part exceeds the limits established by GB/T 26572.

Parts marked with "X" contain harmful substances that cannot be replaced due to current technological limitations in the industry.

Warranty

Products that you buy directly from our **Powerology** website or shop come with a 24-month warranty.

The 24-month warranty applies to products purchased directly from our **Powerology** website or store. If **Powerology** products are bought from any of our verified retailers, then the product is eligible for only a 12-month warranty. To extend your product's warranty, visit our website **powerology.me/warranty** and fill in your details in the provided form along with an uploaded picture of the product to process your request. Once approved, you will receive a confirmation email of the extended product warranty. Upload the required information within 48 hours of purchase to be eligible for a 24-month warranty period.

For more info, please check:
powerology.me/warranty

Contact Us

If you have any questions about this Privacy Policy, please contact us at: **hey@powerology.me**
Website: **powerology.me**
Instagram: **powerology_official**
Facebook: **powerology.ME**