

# CONTENTS

<b>SAFETY</b>	<b>02</b>
Safety instructions	02
Safety information	02
<b>PRODUCT OVERVIEW</b>	<b>04</b>
Bluewater O	04
Bluewater O outside	04
Included components	04
Bluewater O interface	05
<b>SYSTEM OVERVIEW</b>	<b>06</b>
System description	06
Installation	06
Technical information	06
<b>MAINTENANCE</b>	<b>07</b>
Clean Bluewater O	07
Regular maintenance	07
<b>TROUBLESHOOTING</b>	<b>08</b>
How to solve minor problems	08

## Customer service

See "Troubleshooting" section to solve minor problems before calling service support.

If you need service support, be sure to have the following data (found on the data plate) available when calling your Bluewater dealer:

- Model
- Product number
- Serial number

## Environment information



The water purifier is more efficient when purifying water for longer periods. Example: Filling several liters of mineral water or purified water is more efficient per liter than filling just one liter at a time..



Appliances bearing this symbol must be deposited at the designated local reception point for the disposal of electrical and electronic equipment.



This product may not be disposed of using the normal household refuse collection processes.

Hereby, Bluewater Sweden AB, declares that the radio equipment type RA001 is in compliance with Directive 2014/53/EU.

The full text of the EU declaration of conformity is available at the following internet address: <https://www.bluewatergroup.com/documents/>

Operating frequency: 2440 MHz

Output power: Max 2.5mW

# SAFETY

## Safety instructions

Before you install or operate the device, you must read the safety information. Obey the instructions in this manual to prevent injuries, or damage to the equipment. This manual contains CAUTIONS and NOTES that are applicable for the safe operation of the device.

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 A CAUTION symbol identifies conditions that can cause damage to the equipment. DO NOT USE device unless all cautionary conditions listed below have been understood and met.

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 A NOTE symbol identifies important information for trouble-free and optimal use of the device.

## Safety information

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 This device can be used by children aged 8 years and above, and by persons with reduced physical, sensory, or mental capabilities or lack of experience and knowledge, if they have been given supervision or instruction about the use of the device in a safe way and understand the hazards involved.

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 Children shall not play with the device.

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 Cleaning and user maintenance shall not be made by children without supervision.

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 Always disconnect the device from the power supply before maintenance.

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 If the device is damaged or malfunctions, turn it off, disconnect it from the power supply and contact your dealer.

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 Do not attempt to open or service the device yourself. Service must be done by the manufacturer, service agent, or similarly qualified personnel using only original Bluewater spare parts.

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 Use the power adapter provided with the system to plug directly and firmly into an appropriate electrical outlet. Refer to the rating label on your device.

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 The device shall only be used with power supply model HT29-0501000EU (Type F-plug) or HT29-0501000GB (Type G-plug).



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The device shall only be supplied at extra low voltage corresponding to the markings on the device.

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Use only an external power supply with the following specifications: 5VDC, 1.0A.

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Ensure that the power cable and the adapter are not at risk of getting damaged. To avoid hazard, a damaged power cable or adapter must always be replaced by the manufacturer, service agent, or similarly qualified person.

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Do not alter the power plug or adapter in any way. If the plug does not fit into the outlet, contact qualified personnel to install the proper outlet.

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Install according to "Installation Guide". Installation of the device must comply with all applicable local plumbing codes and regulations. Plumbing must be done by an approved plumber. Contact your Bluewater dealer if you have questions. Bluewater, as the manufacturer, has no responsibility for water purifier installations.

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Do not submerge the device in water.

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# PRODUCT OVERVIEW

## Bluewater O™

The Bluewater O is an accessory to the Bluewater Mineralizer and acts as a visual aid and remote control. Depending on the settings, the Bluewater O can switch between municipal water and purified water or control the dispensing of pre-set water volumes. The Bluewater O can display: the efficiency of the water purifier, when minerals are being dispensed, or the volume being dispensed in a filling sequence.

## Bluewater O outside

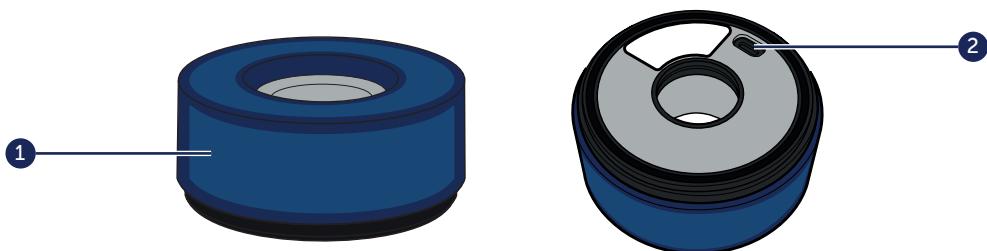


Figure 1. Bluewater O outside

Pos	Description	Pos	Description
1	LED Indication and Button	2	Power connection

## Included components

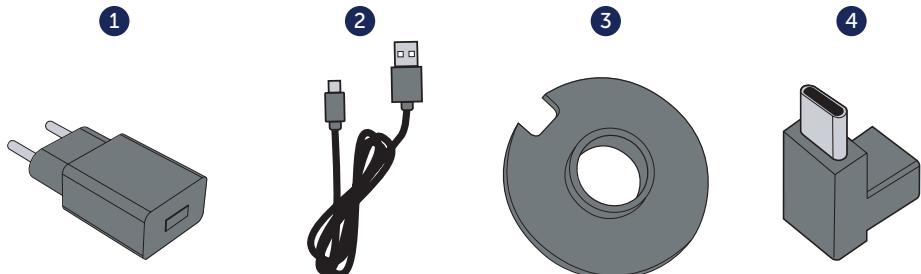


Figure 2. Included components

Pos	Description	Pos	Description
1	5V USB adapter	3	Magnetic plate
2	USB to USB-C charging cable	4	90-degree connector

## Bluewater O interface

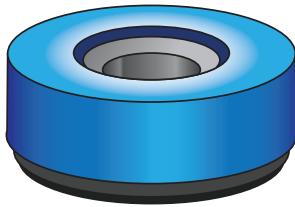


Figure 3. Bluewater O interface

Light	Description
	OFF Bluewater O is in standby mode. Tap Bluewater O or open the faucet to activate.
	Orange Municipal Water Mode. Municipal water is directed to the faucet.
	Blue RO Mode: Reverse Osmosis purified water is directed to the faucet. When the entire Bluewater O is fully blue, the water is purified and ready to be enjoyed.
	Blue and part orange RO Mode: Water being purified, WAIT until Bluewater O is fully blue. The blue portion of the Bluewater O indicates the level of purification.
	Breathing blue Control Box is set to Mode 2. The Bluewater O is ready to be pressed to start dispensing a predefined volume of purified mineral water.
	Flashing orange Bluewater O needs to be charged.
	Gradual filling blue Bluewater O is charging. Examples: Gradual filling to halfway blue indicates Bluewater O is 50% charged. Gradual filling to 3/4 blue indicates Bluewater O is 75% charged. OR Bluewater O is dispensing purified mineral water in Mode 2.
	Continuously flashing blue Bluewater O is in Pairing mode. Tap to pair with a Control Box.
	Rotating Blue The Bluewater Mineralizer is producing pure mineral water.

Button	Description
	Orange Tap Bluewater O to switch from municipal water to RO purified water.
	Blue Tap Bluewater O to switch from RO purified water to municipal water.
	Breathing blue Tap Bluewater O to start dispensing a predefined volume of water.

# SYSTEM OVERVIEW

## System description

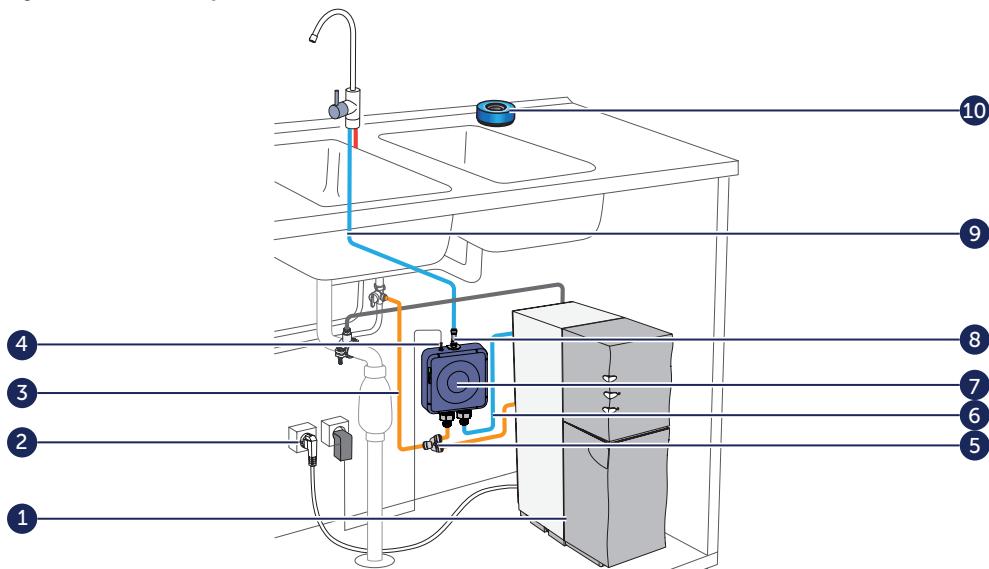


Figure 4. System overview

Pos	Description	Pos	Description
1	Water Purifier	6	Reverse Osmosis (RO) water inlet
2	Purifier Power Cord	7	Control Box
3	Municipal water inlet (cold water only)	8	3/8" Coupling
4	Control Box adapter	9	Water outlet (to faucet)
5	3/8" Y-Coupling	10	Bluewater O

## Installation

For complete installation instructions, refer to the "Bluewater O" Complete User manual" at [www.bluewatergroup.com](http://www.bluewatergroup.com). "HOW TO INSTALL" guides are also available for installing, programming, and setting up the Control Box, Dosing Pump, and Bluewater O

## Technical information

Parameter	Bluewater O
Size WxDxH [mm (inch)]	94x94x37 (3.7x3.7x1.5)
Weight [g (lbs)]	330 (0.7)
Power supply	5 VDC, 1A
Operating frequency	2440 MHz
Output power	Max 2.5 mW

# MAINTENANCE

## Clean Bluewater O

 Do not use chemicals to clean the surface. Alcohol, petrol, organic and inorganic acids, strong basic chemicals (such as concentrated dishwashing detergent) will cause damage to the surface.

 Do not use hard, sharp, or abrasive tools to clean the device.

Step	Action
1	Clean the outer surface with a soft, moist cloth and a weak soap solution to remove dust, stains, and dirt.
2	Dry with a soft dry cloth.

## Regular maintenance

 Regular maintenance is important for correct function and long-term operation. We recommend only Bluewater-approved service personnel perform maintenance and repairs.

Frequency	Description
Daily	Check that the Bluewater O is on. The Glass button should be shining blue.
Weekly	Check Bluewater O interface for low battery level.
	Wipe off the dust and stains from the device.
Yearly	Test the purified water every year. If the purified water is not clean, do not drink it. Contact your Bluewater dealer.

# TROUBLESHOOTING

## How to solve minor problems



For symptoms not found in the table below or more severe problems, see Complete User manual on [www.bluewatergroup.com](http://www.bluewatergroup.com).

	Symptom	Cause	Solution
	Short flashes of orange light, then indicates blue as normal.	Battery is getting low.	Connect the charger and charge until the indicator shows a full battery.
	Short flashes of orange light, then unresponsive.	Battery is critically low.	Connect the charger and charge until the indicator shows a full battery.
	No lights when tapped or the faucet is opened.	Battery is fully depleted.	Connect the charger and charge until the indicator shows a full battery.
	Flashes blue and orange continuously.	Internal critical failure	Contact Bluewater support.
	Cannot pair the Bluewater O to the Control Box.	Poor connection quality	Place the Bluewater O closer to the Control Box and try pairing again. If the problem persists, contact Bluewater support.
	Faucet is open, there is no water, and Bluewater O is Off.	Control Box has been switched to OFF.	Tap the Bluewater O to awaken the Control Box, or press the 2 <sup>nd</sup> button on the Control Box.

### Warning

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

### FCC Statement

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

### FCC Radiation Exposure Statement:

The equipment complies with FCC Radiation exposure limits set forth for uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.