



Zuvo Water Filtration System 300 Series

IMPORTANT

SAVE THIS BOOKLET

Includes:

- Safety Warnings
- Warranty
- Operating Instructions
- Troubleshooting Guide
- Accessories

Owner's Manual

BEFORE OPERATING PLEASE READ ALL INSTRUCTIONS IN THIS MANUAL CAREFULLY.

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Maintenance and Customer Service

Congratulations on the purchase of your new Zuvo™ Water Filtration System. This unit is designed to operate for years with minimal maintenance. If you require additional information or have problems with your Zuvo system, contact your local supplier/servicer or Zuvo Water customer service at **1-866-686-8142** or visit the Frequently Asked Questions (FAQ) section of our website **zuvowater.com**.

Save your sales or purchase slip should your Zuvo system require warranty service.

Use Restrictions

Your Zuvo Water Filtration System is designed to improve the taste and quality of otherwise potable municipal or well water. The patented Zuvo filtration system also provides an environment that is inherently hostile to certain microbiological contaminants.

Please note the following use restrictions:

1. Water entering the unit must be free of sediment and loose scale or rust. If your water does not meet these requirements, it must be pre-filtered prior to entering the unit.
2. For optimum performance, the unit must be monitored periodically to ensure proper operation.

For Household Use Only

IMPORTANT SAFETY INSTRUCTIONS

When using an electrical appliance, basic precautions should always be followed, including the following:

READ ALL INSTRUCTIONS BEFORE USING THIS WATER TREATMENT APPLIANCE

WARNING

To reduce the risk of fire, electric shock, or injury:

- FOLLOW ALL SAFETY INSTRUCTIONS
- Close attention is necessary when used by or near children.
- Use only as described in this manual.
- Use only manufacturer's recommended replacement parts.

IMPORTANT: Do not use any faucet other than a Zuvo Beverage Faucet supplied by Zuvo Water. Failure to follow these instructions may void your warranty and/or damage your Zuvo system.

- Do not use with damaged cord or plug. If appliance is not working as it should, has been dropped, damaged, left outdoors, or dropped into water, return it to your local supplier/servicer for replacement.
- Do not pull or carry by cord, use cord as a handle, close door on cord, or pull cord around sharp edges or corners. Keep cord away from heated surfaces.
- Do not unplug by pulling on cord. To unplug, grasp the plug, not the cord.
- Do not handle plug or appliance with wet hands.
- Visually inspect the product for a broken quartz tube before installation. If the quartz tube is broken or cracked, contact your supplier immediately for replacement.
- This product should only be connected to a power supply receptacle protected by a Ground Fault Circuit Interrupter (GFCI).
- Do not use an outlet intended for a garbage disposal as power to this outlet is controlled by a switch.
- **DANGER** – To avoid possible electrical shock, special care should be taken since water is employed in the use of this equipment.
- If the appliance falls into water, DO NOT reach for it! First unplug it and then retrieve it. If electrical components of the appliance get wet, unplug the appliance immediately.
- Always unplug an appliance from an outlet when not in use, before putting on or taking off parts and before cleaning.
- Read and observe all of the important notices on the appliance.
- **Extension Cords:** Use only extension cords that have an electrical rating not less than the rating of the product. Do not use damaged extension cords. Examine extension cords before using and replace if damaged. Do not abuse extension cords and do not yank on the cord to disconnect it from the receptacle. Keep the cord away from heat and sharp edges. Always disconnect the extension cord from the receptacle before disconnecting the product from the extension cord.
- **WARNING:** to reduce the risk of electrocution, keep all connections dry and off the ground. Do not touch the plug with wet hands.
- Do not operate unit without it being fully assembled, as the ultraviolet (UV) light is harmful to eyes when directly exposed.
- Do not use an appliance for anything other than its intended use. The use of attachments not recommended or sold by Zuvo Water may cause unsafe conditions.

SAVE THESE INSTRUCTIONS

Warranty

The Zuvo Water Filtration System has a one (1) year limited warranty to the original user, to be free from defect in material and workmanship, from the date of purchase. This unit is designed for non-commercial applications. Use in commercial applications will void this product warranty. Supplier liability under this warranty is strictly limited to repairing or replacing (at supplier's option), without charge, FOB supplier's authorized service facility, the unit or units. Both Zuvo Water and your supplier will not be held liable for any costs of removal, installation, transportation to an authorized service center, or any other charges which may arise in connection with a warranty. Both Zuvo Water and your supplier will not be held liable for damage or wear to products caused by abnormal operating conditions, accident, abuse, misuse, unauthorized alteration or repair, or if the unit was not installed in accordance with printed installation and operating instructions.

This warranty does not cover replacement filters.

Replacement of lamp assemblies is limited to a period of one (1) year from the date of purchase.

Zuvo Water and your supplier will assume no responsibility for any incidental or consequential damages, losses, or expenses arising from installation, use, or any other causes. There are no express or implied warranties, including merchantability or fitness for a particular purpose, which extend beyond those warranties described or referred to above.

Some jurisdictions do not allow the exclusion of incidental or consequential damages, and some jurisdictions do not allow limitations on how long implied warranties may last.

Therefore, the above limitations may not apply to you. This warranty gives you specific legal rights, which vary from jurisdiction to jurisdiction.

Troubleshooting Guide

WARNING

UNPLUG CORD FROM ELECTRICAL OUTLET BEFORE SERVICING

PROBLEM	POSSIBLE SOURCE	AREAS TO CHECK
UNIT LEAKING AT TUBING CONNECTION(S)	Tubing not securely connected and/or tubing lock ring not secured over tubing fitting	Verify that tubing is properly connected and that the lock ring is engaged
UNIT LEAKS AROUND TOP CAP AFTER FILTER HAS BEEN REPLACED	O-ring on top is not properly seated	Verify O-ring is seated
WATER IS FLOWING FROM THE UNIT AT A VERY SLOW RATE	Filter element, diverter screen, and/or inlet clogged	<ul style="list-style-type: none">• Replace filter• Remove diverter valve from the faucet and clean screen (countertop installation only)• Reverse flow to unit temporarily to remove blockage. This can be done by temporarily reversing inlet and outlet fittings
LAMP NOT LIT WHILE UNIT IS RUNNING	<ul style="list-style-type: none">• No power• Lamp burned out	<ul style="list-style-type: none">• Unit not plugged in properly• Replace lamp
BUBBLES ARE NOT VISIBLE WHILE UNIT IS RUNNING	<ul style="list-style-type: none">• Filter is exhausted• Inlet tubing kinked	<ul style="list-style-type: none">• Replace filter• Reverse tubing

Parts List

To assist you in identifying components of your Zuvo Water Filtration System, the parts have been numbered as follows:

- 1 Top Cap
- 2 Sealing Clamps
- 3 UV Lamp
- 4 Indicator Light
- 5 Lamp Replacement / Tubing Disconnect Tool
- 6 Filter (supplied inside the unit)



General Operating Instructions



300 Series model

The Zuvo Water Filtration System is designed with smart technology to let you know when to replace your filter or flush water through a new filter to ensure optimal water cleansing. The 300 Series models have a built-in beeper and LED indicator light on the front of the base.

Initial Use

The Zuvo Water Filtration System must be plugged into an electrical outlet to operate.

NOTE: Do not use an outlet that is intended for a garbage disposal as power to this outlet is controlled by a switch.

For countertop installations, after you install your Zuvo Water Filtration System or replace the filter always allow COLD water to flow through the system according to the operating instructions below before drinking or using the water. Never flush or operate the Zuvo system with hot water.

The Zuvo system includes a filter and will alert you that an initial filter flush is needed by beeping FOUR times every 30 seconds until the Zuvo faucet is turned ON. The indicator will display blinking RED/BLUE lights before the Zuvo faucet is turned ON.

For an under-counter installation, turn on the Zuvo Beverage Faucet to light up the UV lamp and initiate water flow through the Zuvo Water Filtration System. You should observe an upward swirling motion of water and a constant stream of bubbles when the system is illuminated and working properly.

For a countertop installation, turn on your main faucet and open the valve on the diverter to light up the UV lamp and initiate water flow through the system.

Once you turn the faucet ON and while the system is flushing, the system will beep ONE time every 10 seconds. While the system is flushing, the indicator will display blinking YELLOW/BLUE lights. When the Zuvo system stops beeping every 10 seconds, the system is ready and the faucet can be turned OFF. Once the Zuvo system is ready, the indicator will display a steady BLUE light and the faucet can be turned OFF.

Beeper and Indicator Light Operation

The built-in beeper and indicator light are designed for five different conditions including:

- Normal operation
- Less than 2 weeks or approximately 40 gallons (typical usage) of filter life remaining
- Filter replacement needed
- New filter installed and initial flush needed
- Trouble found

The Zuvo system senses the specific model filter capacity and monitors water usage. Based on typical usage, the system will alert you when about two weeks or approximately 40 gallons of filter life remain. Once the filter has reached capacity the system will alert you to change the filter. The system will not operate if the same used up filter is removed from the Zuvo system and re-inserted.

Quick Guide

Beeper	Indicator Light	Status
1 beep	Blue	OK
2 beeps	Yellow	Change filter soon
3 beeps	Red	Change filter immediately
4 beeps	Red/Blue blinking	Flush new filter
5 beeps	Red or Yellow	System problem

Startup

When the Zuvo Water Filtration System is initially plugged in it will beep ONE time.

The indicator light will display RED, GREEN and BLUE upon startup as part of a LED light test sequence.

Once the Zuvo system is plugged in and has beeped ONE time, the system needs to be flushed with COLD water prior to drinking or using the water. The system will beep FOUR times every 30 seconds until the Zuvo faucet is turned ON to remind you that the system needs to be flushed prior to use. While the Zuvo faucet is turned ON during flushing, the system will beep ONE time every 10 seconds. Once the Zuvo system stops beeping every 10 seconds, the system is ready and the faucet can be turned OFF.

The indicator will display blinking RED/BLUE lights before the Zuvo faucet is turned ON. While the system is flushing, the indicator will display blinking YELLOW/BLUE lights. Once the Zuvo system is ready, the indicator will display a steady BLUE light and the faucet can be turned OFF. The system is ready for operation and you can enjoy the benefits of healthy, great-tasting water.

Normal Operation

When there is more than two weeks (typical use) of filter capacity remaining, the Zuvo system will beep ONE time whenever the Zuvo Beverage Faucet is turned ON.

The indicator light will display BLUE.

Less than Two Weeks or Approximately 40 Gallons of Filter Capacity Remain (Typical Usage)

Once less than two weeks or approximately 40 gallons of filter capacity remain, the Zuvo system will beep TWO times whenever the Zuvo faucet is turned ON as a reminder that the filter needs to be changed soon.

The indicator light will display YELLOW during this period.

Filter Replacement Needed

After two weeks have passed or approximately 40 gallons of filter capacity have been used up, the Zuvo system will beep THREE times whenever the Zuvo faucet is turned ON as a reminder that the filter needs to be changed immediately.

The indicator light will display RED during this period.

Unit with New Filter

After a new filter is installed in the Zuvo system, it will beep FOUR times every 30 seconds until the Zuvo faucet is turned ON. This is a reminder that the Zuvo system needs to be flushed with COLD water prior to drinking or using the water. When you turn the faucet ON, the system will begin flushing and beep ONE time every 10 seconds while flushing. Once the Zuvo system stops beeping every 10 seconds, the system is ready and the faucet can be turned OFF.

The indicator will display blinking RED/BLUE lights before the Zuvo faucet is turned ON. While the system is flushing, the indicator will display blinking YELLOW/BLUE lights. Once the Zuvo system is ready, the indicator will display a steady BLUE light and the faucet can be turned OFF.

System Trouble Found

If system trouble is found, the Zuvo system will beep FIVE times every 30 seconds.

The indicator will display RED or YELLOW as outlined in the table below, the indicator light will display various colors depending on the problem.

Indicator Light Color	Problem	Action
Red	System needs to be rebooted	Unplug system and plug system back
Yellow	Filter unknown	Unplug system, remove filter, rotate ¼ turn, install
Green	Water on too long (courtesy warning) if on for more than 5 gallons	Turn off water
Red/Yellow Alternating	UV lamp life exceeded	Order replacement lamp from supplier and replace lamp assembly

How To Replace Filter

WARNING

It is extremely important that the unit be unplugged. The Zuvo Water Filtration System contains a high-intensity ultraviolet (UV) light that can damage tissues in the eye. The UV light cannot travel through the plastic housing. However, removing the filter requires that the top cap be removed, exposing the lamp. Do not proceed without unplugging the unit!

For the filter to be removed, the filter and all internal seals must be wet. Do not attempt to remove a dry filter. Doing so may result in breakage of the UV lamp.

1. Unplug Unit: Always unplug unit before opening the top cap. Failure to do so could result in exposure to ultraviolet light which is harmful to eyes.



2. Pull both clamps upwardly and evenly.



3. Pull both locking tabs outward.



4. Pull both locking tabs down.



5. Rotate top cap to expose filter cover.



6. Pull out filter by pulling straight up.



7. Prior to installing new filter, wet lower O-ring with water to allow the filter to slide on easier, and then simply reverse the above steps to re-seal the unit.



8. Flush the system with cold tap water according to the operating instructions in this manual before use. **Never flush or operate the unit with hot water.**

How To Replace UV Lamp

The lamp should be replaced whenever it fails to light during operation. The Zuvo Water Filtration System uses a high-intensity ozone generating UV bulb module which can be obtained from your supplier. For proper unit operation, use only lamp modules supplied by your supplier.

Simply follow the steps below:

1. Always unplug the unit before servicing.

Failure to do so can result in exposure to harmful UV light.



2. Using the plastic screwdriver, break the paper label at the 'X' and unscrew the single screw.



3. Carefully loosen and begin to pull out the lamp/ballast cord module.



4. Pull the module straight out of the unit.



5. Ensure the lamp and the protective O-ring are completely out of the unit.



6. Carefully insert replacement module, ensuring that protective O-ring remains in place.



7. Position module and replace screw.



The Zuvo Water Filtration System

Specifications

General description Self-contained filtration/UV/ozone under-counter or countertop water filtration system

Minimum/Maximum Water Temperatures 40–100° F (4–38° C)

Contaminant Reduction¹ Lead 99%, cysts 99.98%, chlorine taste/odor 99%

Non-Pathogenic Microorganism Reduction² 99.9%

UV Exposure Intensity Class B (16 mJ/cm²)

Physical Dimensions (W x D x H) 4.75 in. x 4.5 in. x 16 in. (120 mm x 120 mm x 400 mm)

Weight 1.9 lbs (0.8 Kg) dry and empty

Filter Life Rating 800 gallons (3,030 liters) or 10 months depending on use conditions

Particulate Reduction³ Class I

UV Lamp Life Up to 10,000 + on/off cycles (approximately 3 years) depending on use conditions

Flow Rate 0.5 gal/min

(1) The Zuvo Water Filtration System has been tested against NSF/ANSI Standards 42, 53 and 55 Class B for lead, cyst and particulate reduction, and for UV performance.

(2) *Saccharomyces cerevisiae* is an indicator microorganism used in establishing the performance of UV water treatment devices in treating non-pathogenic microorganisms according to NSF/ANSI Standard 55 Class B. Reduction shown is minimum measured reduction at 70% of normal lamp output.

(3) NSF/ANSI Standard 42, Appendix C acceptance level for a Class 1 Particulate claim of minimum 85% removal of particles in 0.5 to 1 micron size range.

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

Modification not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules.

FCC Warning:

This device 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.



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