



## Countertop Reverse Osmosis Filtration System



**Installation Instructions  
& Owners Manual**



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## Installation Instructions & Owners Manual

### Table of contents

Introduction	Page	3
System tips	Page	3
Product Overview	Page	4
System Parts	Page	5
First Time Use Instruction	Page	6
System Functions	Page	8
Maintenance	Page	11
Product Information	Page	11
Warranty	Page	12

## 1. Introduction

Thank you for your purchase of the NU Aqua Counter Top Reverse Osmosis System. We're excited for you to experience the benefits of a premium home water filter system and hope that you are as well. This guide is intended to make your setup pain free.

**If you have any questions about your new system please contact us.**  
**Email:** [support@nuaquasystems.com](mailto:support@nuaquasystems.com) **Phone:** 1(888) 621-0460

## 2. System tips



Always empty the water storage tank when refilling. Adding water without emptying the tank will shorten the life span of the filters.



Do not remove the filters when the system is producing water.



If the system has not been used for three minutes, the indicator lights will turn off automatically. Simply touch the panel for the indicator lights to illuminate.

**Place your system in a cool dry location thats away from direct sunlight.**

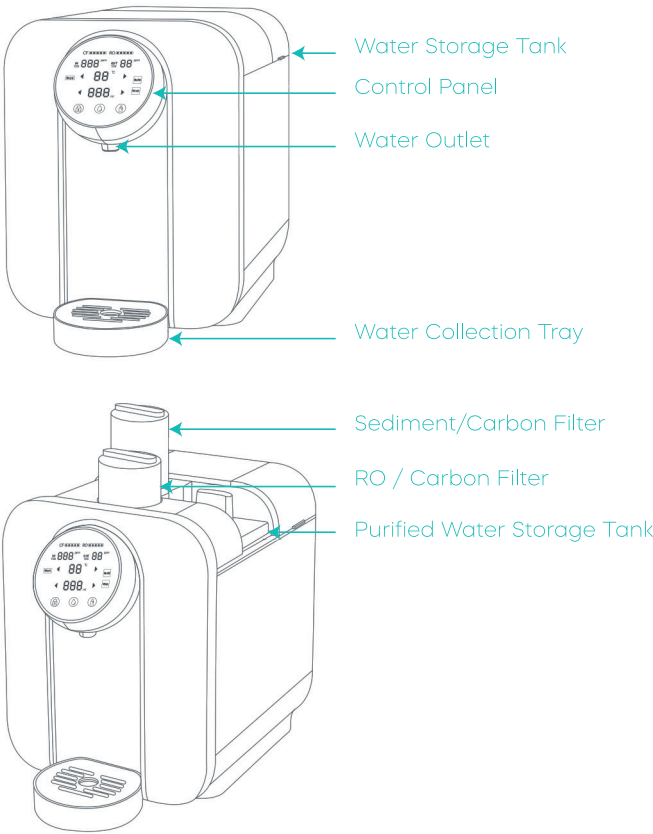
This system must be kept away from freezing temperatures. If subjected to freezing temperatures, place the system in a warmer location and allow the system to warm up again before use.

Avoid tilting the system when filled with water.

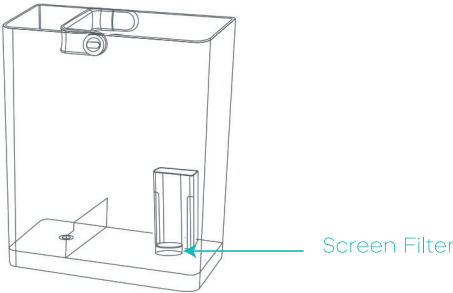
Do not use water that is microbiologically unsafe or of unknown quality. Water should have adequate disinfection prior to use with system.

**If there is any water leakage please disconnect the power cord and contact our suport at [support@nuaquasystems.com](mailto:support@nuaquasystems.com) or by phone at 1(888) 621-0460**

### 3. Product Overview



WATER STORAGE TANK



### 3.1 System Parts

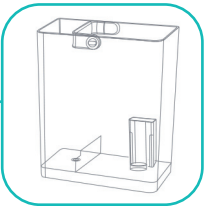
Filtration System



Water Collection Tray



Water Storage Tank

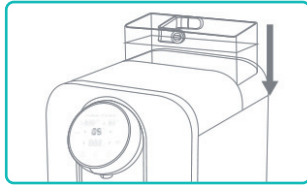


### Filter Description

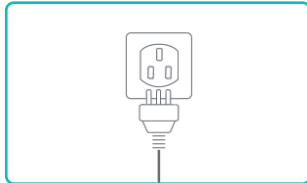
Name	CF filter	RO Filter
Material	PP cotton+Activated carbon	Reverse osmosis + carbon filter
Function	Effectively removes sand, rust, and large particles. The carbon filter absorbs odor, color, organic matter, chlorine, and heavy metals	Removes heavy metals, bacteria, antibiotics, pesticides, and many other contaminants
Lifetime	About 9-12 months	About 18-24 months

\* The specific lifetime will vary according to local water quality and water consumption

## 4. First Time Use Instruction



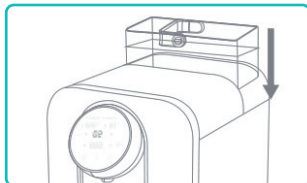
**1.** Fill the water storage tank to the max level line. Fully insert the tank into the back of the system. The tank should sit flush with the system when fully inserted.



**2.** Connect the power cord to the closest wall outlet.



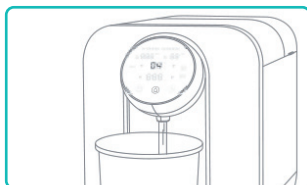
**3.** The system will begin to process the water. Once the screen displays 01, place a large container below the water outlet to catch the water and press the button to start the first flush.



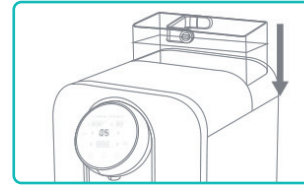
**4.** Once the screen reads 02, refill the water storage tank and place it back into the system.



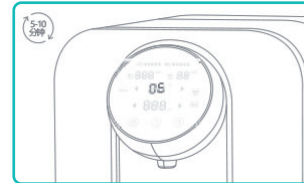
**5.** Once the screen reads 03 the system will start auto-flushing for 10 minutes.



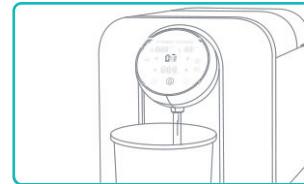
**6.** Once the screen reads 04, place your large container below the water outlet to catch the dispensed water again and press the button to begin dispensing.



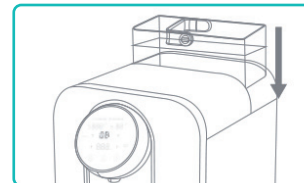
**7.** Once dispensing has finished the screen should now read 05. Please refill the water storage tank and place it back into the system.



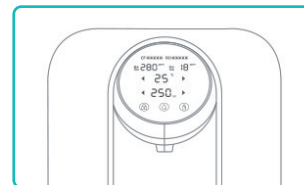
**8.** Once the screen reads 06 the system will start auto-flushing for 10 minutes.



**9.** Once the screen reads 07, place your large container below the water outlet to catch the dispensed water again and press the button to begin dispensing.

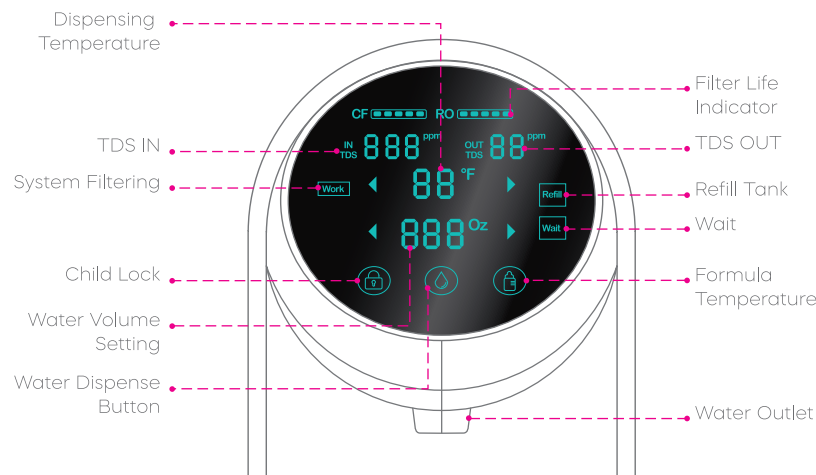


**10.** Once dispensing has finished the screen should now read 08. Please refill the water storage tank and place it back into the system.



**11.** The screen should now return to full function and the flushing process is now complete. Your system is ready to be used.

## 4.1 System Functions



### 1. Inlet and outlet water TDS display

IN TDS **888** ppm      OUT TDS **88** ppm

**TDS IN** Measurement of dissolved solids prior to filtration

**TDS OUT** Measurement of dissolved solids after water has been filtered

**TDS:** Total dissolved solids is measure in milligrams per liter (mg/L), and indicates how many milligrams of dissolved solids are in 1 liter of water. The higher the **TDS** the more dissolved solids that are contained in the water.

### 2. Temperature setting

◀ **88** °F ▶



Decrease temperature



Increase temperature

### 3. Water volume setting

◀ **888** Oz ▶



Decrease dispensed water volume



Increase dispensed water volume

### 4. Child Lock



The Child Lock function is turned on by default. When enabled, the water can not be discharged above 140°F. There are two colors this button may show:

**Red:** child lock is on and cannot discharge water above 140°F

**White:** child lock is off and water temperature is not restricted

#### Turn on /Turn off Methods

Press child lock 3 times within 1 second. this will turn the child lock on or off.

### 5. Water Dispense Button



Press the button to dispense water at the set temperature and volume.

### 6. Formula Button



Press the Formula Button to dispense water at 113°F at the current set volume.

### 7. Indicators

**Work**

This icon light will be on when processing water and off when processing finished.

**Refill**

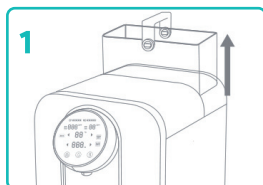
When this icon lights up, it means that the water in the original water tank is insufficient or the water quality does not meet the requirements for direct drinking, please replace the tap water in the original water tank.

**Wait**

When this icon lights up, it means that the pure water tank is empty, please wait 1-3 seconds for water production.

## 5. Filter Replacement Instruction

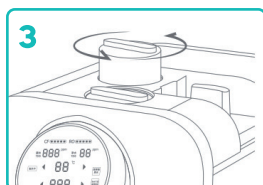
Once the Filter Life Indicator has only one bar left, and begins to flash white your filter needs to be replaced soon. Once the indicator turns red the filter requires replacement.



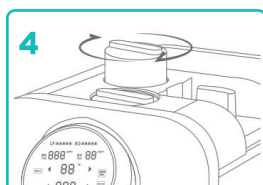
1. Turn off the power, open the lid covering the Water Storage Tank, and take out the tank.



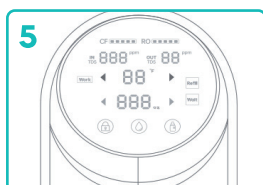
2. Slide the top lid of the system back towards the direction of the Water Tank location.



3. Locate the filter element requiring replacement. Turn the filter counterclockwise to unlock it and the filter can be lifted out.



4. Insert the new filter into the system and turn clockwise to lock into position. Make sure the indicators of the filter are aligned.



### 5. Carbon Filter Reminder reset

With the system powered back on, hold both temperature arrow buttons simultaneously until a beep prompts the indicator has been reset. Please follow the first time use instructions to properly flush the new filter.



### 6. RO Filter Reminder reset

With the system powered back on, hold both water adjustment arrow buttons simultaneously until a beep prompts the indicator has been reset. Please follow the first time use instructions to properly flush the new filter.

The water storage tank and drip tray need to be cleaned regularly. Cleaning is recommended once a week to ensure water is bacteria free and provides consistent quality water.

If system has not been used for more than three days, you need to empty both storage tanks and add new water to the system.

## 6. Product Information

Size	230*370*340 mm
Raw water tank volume	4.2 L
Pure water tank volume	1.5 L
Rated power	110V
Water production capacity	0.13L/min
Maximum water output	1.1L/min
Wastewater ratio	5:1
Filter element	CF: PP Cotton + Activated Carbon RO: Reverse Osmosis/Carbon Filter

# Warranty

## Limited Product Warranty

NU Aqua expressly warrants to the original purchaser that its Reverse Osmosis System and components (the "Product") will be free of defects in material and workmanship for use under normal care for a period of **six (6)** year without registration and **one (1)** with online warranty registration from the date of purchase (the "Warranty period"). During the Warranty Period and subject to the limitations and exclusions set forth below, NU Aqua will, at its option, replace the product or refund the Product purchase price if the Product fails to satisfy this Limited Product Warranty.

This warranty does not cover labor.

No warranty is given as to the service life of any filter cartridges or membrane as this will vary depending on local water conditions and water input.

## Limitations and Exclusions

Except as otherwise expressly provided above, NU Aqua makes no warranties, express or implied, arising by law or otherwise, including without limitation the implied warranties of merchantability and fitness for a particular purpose, to any person. This Limited product Warranty may not be altered, varied or extended except by written instrument executed by NU Aqua. The remedies of replacement or refund of the Product purchase price are exclusive and are the sole obligations of NU Aqua under this Limited Product Warranty. NU Aqua will not be liable for any loss or damage arising from installation and use of the Product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability. Some states and countries do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you.

## Conditions of Validity of this Limited Product Warranty

This Limited Product Warranty shall only be valid if:

- 1 The replaceable filters and membrane are changed and maintained on a regular basis as directed in the Instruction and Owner's Manual. In some areas, the amount of the impurities present in the local water supply may require that the filters and membrane be replaced on a more frequent basis.
- 2 The Product is operated in compliance with the operating conditions specified in the Installation and Owner's Manual.
- 3 The person seeking to invoke this Limited Product Warranty is the original purchaser of the Product.

## Non-Covered Defects

- 1 Improper storage, installation, maintenance, handling, use and/or alterations of the Product, including but not limited to non-compliance to the installation, maintenance and standard operation conditions stated in the Instruction and Owner's manual.
- 2 Unreasonable use, unintended use, or misuse of the Product for something other than its intended use as a reverse osmosis system.
- 3 Damage not resulting from manufacturing defects that occur while the product is in the original purchaser's possession.
- 4 Installation of the Product with known or visible manufacturing defects at the time of installation.
- 5 Damage caused by freezing, flood or fire.