

**WELCOME**  
to the NuvoH2O Family

# NuvoLuxe Pro

FILTRATION SYSTEM + pH BALANCE



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**OWNER GUIDE**

# WELCOME TO THE NUVOH2O FAMILY

## OF WATER TREATMENT!

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Congratulations on your new NuvoLuxe Pro System! You've just taken the next step toward cleaner, safer, and more balanced water. The NuvoLuxe Pro System combines advanced multi-stage filtration technology to deliver exceptional water quality without the use of salt, chemicals, or stripping the water of essential minerals.

With NuvoLuxe Pro, you can enjoy healthier, better-tasting, pH-balanced water that's ideal for drinking, cooking, and even brewing the perfect cup of coffee. This on-demand system removes contaminants as small as 0.005 microns, including viruses, bacteria, lead, chlorine, microplastics, and some nanoplastics.

### Here's what you can expect from your NuvoLuxe Pro System:

- Helps balance pH in the water to combat hard water build up and remove existing scale.
- Better tasting and smelling water: Reduces forever chemicals and lead contaminants.
- Reduction in micro and nano plastics larger than 0.005 microns.
- 99.5% less waste water than a traditional reverse osmosis system, zero electricity.
- Rated at 1 GPM.
- Reduces PFOS and Lead

### The 3 stages of water treatment:

The Nuvo-Ultra-90 Filter is specifically designed to provide effective reduction of bacteria, viruses, microplastics and nanoplastics, by filtering down to 0.005 microns. This fine filtration capability allows the Nuvo-Ultra-90 Filter to capture common waterborne pathogens while trapping tiny plastic particles that can contaminate water supplies. By removing these contaminants, this filter helps protect against waterborne illnesses and reduces exposure to harmful micro- and nanoplastics, ensuring safer, cleaner drinking water without the use of chemical disinfectants.

The pH Balancing Cartridge works to stabilize and optimize the water's pH level by interacting with minerals such as calcium and magnesium. This allows the NuvoLuxe Pro System to help reduce any imbalance in the water, without eliminating beneficial mineral content.

The Premium PFOS Filter is specially designed to effectively capture and remove not only large particles like sand, rust, and debris but also harmful contaminants such as PFOS (perfluorooctane sulfonate) and lead. This advanced filter targets and reduces these dangerous substances, providing safer, cleaner water.

The system is not intended to be used for treating water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system. The system and installation shall comply with applicable state and local regulations. The system is to be supplied only with cold water.

# SIMPLE & EFFECTIVE

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## Package Contents

- NuvoLuxe Pro  
Part#711644
- 3 Cartridges:
  - Nuvo-Ultra-90 (1st Stage)
  - pH Balance Cartridge (2nd Stage)
  - Premium PFOS Filter (3rd Stage)
- 3/8" Male NPT to 3/8" Male Compression Adapter (Figure 1.)
- 3/8" Male NPT to 3/8" Quick Connect Adapter (Figure 2.)
- 1/2" Female NPT to 3/8" Male Compression Adapter (Figure 3.)
- 1/2" Female NPT to 3/8" Quick Connect Adapter - x2 (Figure 4.)
- Teflon Tape
- 3/8" Compression Braided Hose 48"
- 3/8" Tee Fitting (Figure 5.)
- 3/8" Compression Ball Valve (Figure 6.)
- 3/8" 90° Post Stub Adaptor (Figure 7.)

Figure 1.



Figure 3.

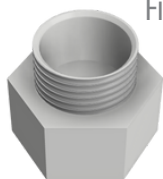


Figure 5.



Figure 7.



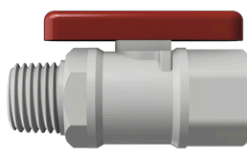
Figure 2.



Figure 4.



Figure 6.



## Replacement Parts:

- Nuvo-Ultra-90 Filter Part #711634
- pH Balance Filter & PFOS Premium Filter Bundle Part#711643
- Nuvo-Ultra-90 Wall Clips Part #711635
- NuvoLuxe Pro Service Pack Part #711653

## System Maintenance

- Filters and Cartridge Changes

# PREPPING YOUR NUVOLUXE PRO

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## Note:

Before installing, ensure that the water supply in the installation area is shut off.

Note: Only 3/8" parts are provided. If any other sizes are needed, those will need to be purchased separately.

The water will flow from left to right.

## Prepping the system for installation:

1. Locate the 3/8" male to 3/8" compression adapter (Figure 1) OR 3/8" male to the 3/8" quick connect adaptor (Figure 2) from the parts bag, depending on the installation method.
2. Locate the provided Teflon tape from the parts bag and wrap 3 full wraps of tape around the threads of the 3/8" male portion of the 3/8" to 3/8" compression adapter (Figure 1) OR 3/8" male to the 3/8" quick connect adaptor (Figure 2).
  - a. Note: You must wrap the tape in the same clockwise direction as the threads are tightened starting at the bottom and working your way up; wrapping counter-clockwise will cause the tape to unravel and bunch up as you screw the fitting on, rendering the seal ineffective.
3. Screw in the 3/8" male to the 3/8" compression adapter (Figure 1) OR Screw in 3/8" male to the 3/8" quick connect adaptor (Figure 2) into the outlet of the system (the right side of the system). Hand-tighten, then an additional 1/4 - 1/2 turn with the wrench that fits. DO NOT OVER TIGHTEN (See Diagram 1.)
4. Locate the 1/2" female to 3/8" compression adapter (Figure 3).
5. Remove Nuvo-Ultra-90 Filter from the wall clip and remove the blue rubber inlet cap.
6. Installation of Nuvo-Ultra-90 outlet adaptor. 1/2" female to 3/8" compression adaptor (Figure 3) with a gasket there will be no Teflon tape needed, as the gasket creates the seal. If there is no gasket present, follow 6.a.
  - a. With the provided Teflon tape, wrap the inlet threads of the Nuvo-Ultra-90 Filter with 3 full wraps. Note: Bottom of the filter with the flow arrow pointing up.
    - i. Note: You must wrap the tape in the same clockwise direction as the threads are tightened starting at the bottom and working your way up; wrapping counter-clockwise will cause the tape to unravel and bunch up as you screw the fitting on, rendering the seal ineffective.
7. Attach 1/2" female to 3/8" compression adapter (Figure 3) to the inlet of the Nuvo-Ultra-90 Filter. Hand-tighten, then an additional 1/4 - 1/2 turn with the wrench that fits. DO NOT OVER TIGHTEN (See Diagram 1.)
8. Ensure the flow arrow is facing up on the Nuvo-Ultra-90 Filter.
9. Install Nuvo-Ultra-90 Filter back into the wall clip, then attach the 3/8" 90° post stub adaptor (Figure 7) to the previously installed outlet adaptor.
10. Locate the 3/8" compression ball valve (Figure 6). Install onto the inlet water line if applicable.
11. Locate the pH balancing cartridge and Premium PFOS Filter and remove protective packaging. Set aside.

# PREPPING YOUR NUVOLUXE PRO

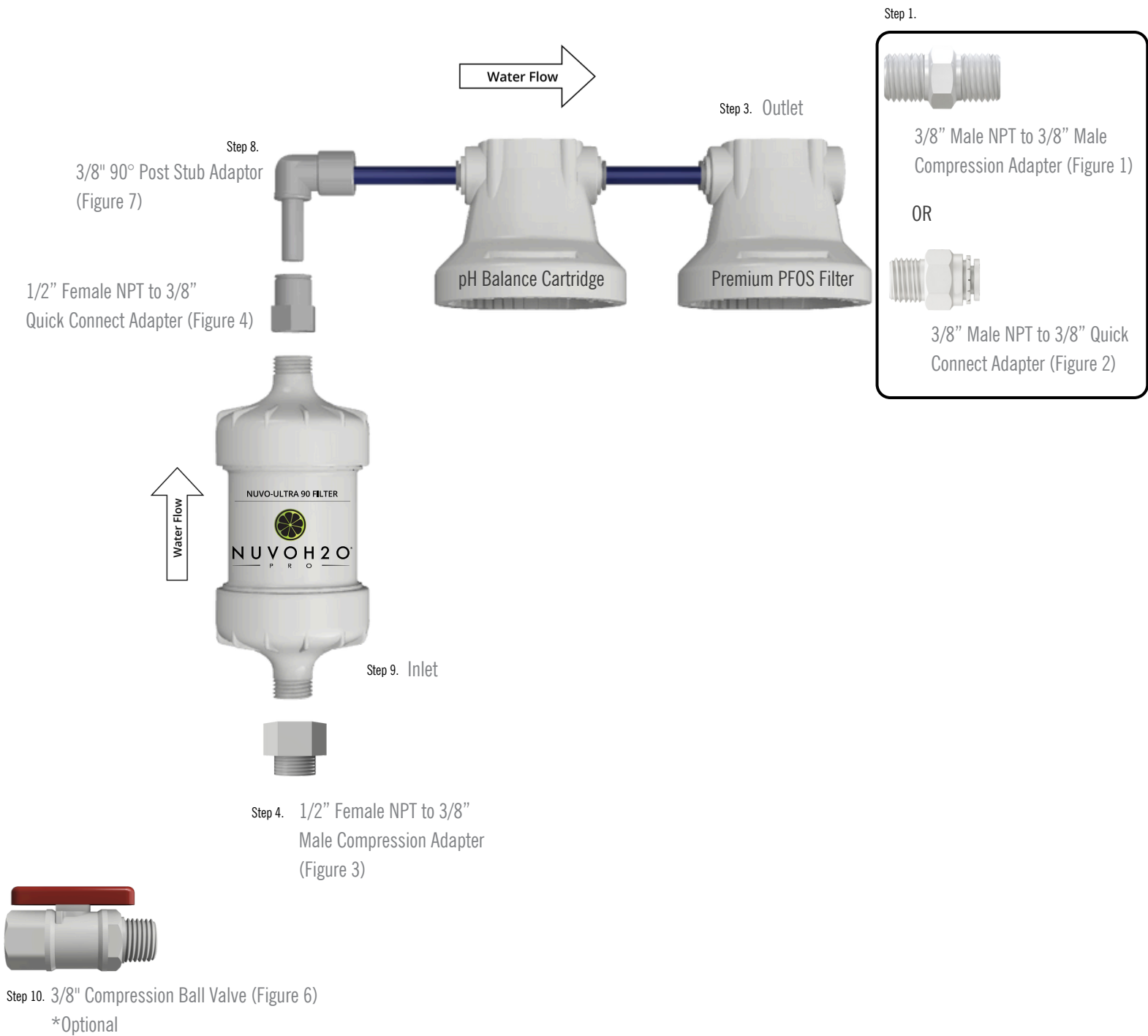


Diagram 1.

# INSTALLING YOUR NUVOLUXE PRO

## Installing System:

Note: Water should be shut off.

1. Locate the 3/8" compression tee from the parts bag. (Figure 5)
2. Install the 3/8" compression tee (Figure 5) after the water shut-off valve, before the faucet line. If installing on a dedicated drinking tap, installing the tee is needed. If the system is being installed on just a cold water faucet line, it does not need the tee installed. (Figure 8)
3. Place the system in the desired location. (Somewhere flat and stable, typically underneath the sink.)



Figure 5.



Figure 8.

4. If the tee has been installed, the 3/8" compression hose screws onto the horizontal outlet of the tee. Disregard this step if not
5. Connect 3/8" compression hose from tee or water shut off valve to the inlet compression ball valve adapter (Figure 6). If applicable. (Diagram 1)
6. Connecting to the outlet of the system.
  - a. (Main water line) Using a 3/8" compression hose, connect it to the previously installed Premium PFOS Filter head outlet 3/8" compression adaptor (Figure 1).
  - b. (Dedicated drinking faucet) Using a 3/8" quick connect tube, connect to the previously installed Premium PFOS Filter head outlet 3/8" compression adaptor. (Figure 1)

Note: If the connection point is not 3/8" installer will need to provide the correct adaptors.
7. Connect the other end of the hose to a dedicated drinking faucet or main faucet.
  - a. If treating more than the dedicated drinking faucet or main faucet line (refrigerator, coffee machine, etc) install the outlet hose before any plumbing split.

# INSTALLING YOUR NUVOLUXE PRO

## Cartridge/ Filter Installation:

1. With all protective packaging off the pH Balancing Cartridge, install the softening cartridge on the middle head with the correct corresponding label. (Diagram 2)
  - a. Line the cartridge up with the correct notch keys on the head. Twist the cartridge 1/4 turn counterclockwise until it stops with the head.
2. With all protective packaging removed from the Premium PFOS Filter, install the Premium PFOS Filter on the right-side head with the correct corresponding label. (Diagram 2)
  - a. Line the filter up with the correct notch keys on the head. Twist the filter 1/4 turn counterclockwise until it stops with the head.
3. Verify the installation of your Nuvo-Ultra-90 Filter.
  - a. Make sure the Nuvo-Ultra-90 Filter is clipped into the bracket.
  - b. Make sure the flow arrow is pointed up.
  - c. Ensure the 3/8" braided hose is attached to the bottom of the filter.
4. Once both the filters and cartridge are locked in, SLOWLY turn the water back on at the previously shut-off water valve.
5. DO NOT OPEN THE FAUCET FOR ONE (1) HOUR AFTER INSTALLATION!
  - a. The system needs to be pressurized and rest for optimal treatment for one hour.
6. After the system has rested for one (1) hour, run water for 5-10 minutes before use.
  - a. This will flush any suspended carbon dust out of the system.

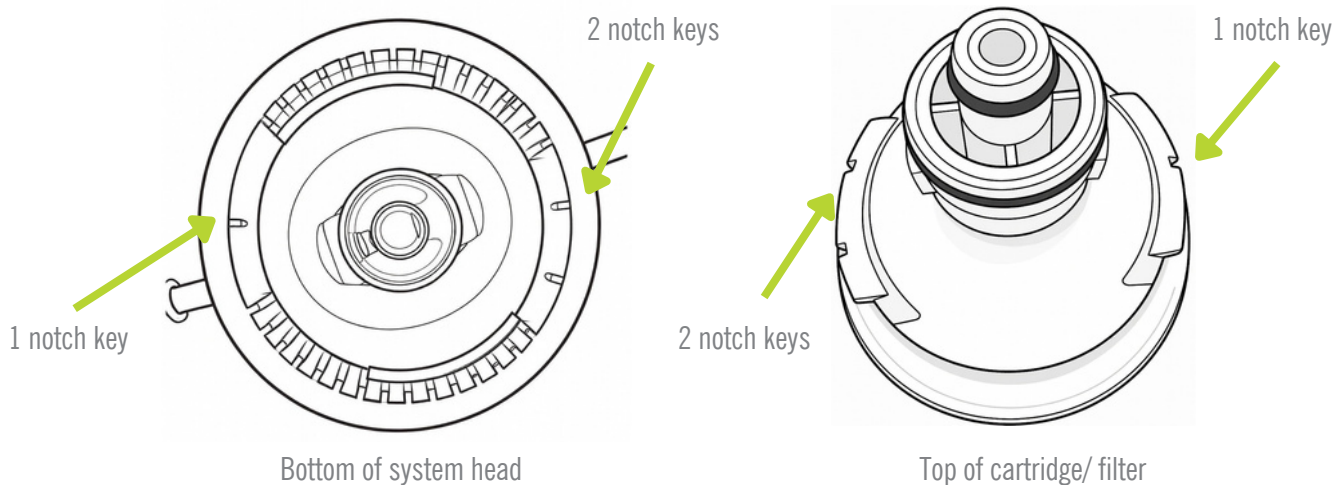


Diagram 2.

# BEFORE CARTRIDGE REPLACEMENT

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## Warnings & Cautions

The NuvoH2O pH Balance Cartridge is intended for the treatment of hard water with alkaline pH 7.2 or greater. Do not allow cartridge contents to come in contact with surfaces comprised of stone (natural or unsealed), carpet, cement, or other flooring.

The maximum working water temperature is 100° F (38° C). The minimum working water temperature is 40° F (4.44° C). The maximum working water pressure is 75 PSI. The minimum working water pressure is 40 PSI (2.75 bar). The optimal treatment pressure is between 45 PSI (3.1 bar) and 65 PSI (4.48 bar).

Ensure that the water coming into the system has been shut off prior at the inlet ball valve for any cartridge installation. Replace the Premium PFOS Filter & pH Balance Cartridge at least every six months or as needed based on water usage/ or if flow is reduced. Failure to replace the cartridges in recommended intervals may result in poor performance.

Replace the Nuvo-Ultra-90 Filter every 12 months or as needed based on water usage/ or if the flow is reduced. Failure to replace the cartridges in recommended intervals may result in poor performance.

Pressure needs to be released from the NuvoLuxe Pro system before any cartridge/ filter replacements.

- a. Turn off the water supply to the system.
- b. Release the pressure by opening the faucet.

Failure to maintain your system may result in poor performance and/or cracks in the housing, causing leakage and possible flooding.

Do not use aerosol sprays (e.g. bug sprays, cleaning fluids, etc.) to clean the system. They contain organic solvents, which may cause cracking or other damage.

Avoid dropping, hitting, or scratching the system. Minor damage from inappropriate handling can lead to cracks and eventual failure.

DO NOT install the NuvoLuxe Pro onto a hot water line.

Be sure to thoroughly flush the system for 5-10 minutes after installing a new cartridge or filter.

If the system is unused for an extended period of time, replace the filter and cartridge before use.

# NUVOLUXE PRO FILTER AND CARTRIDGE REPLACEMENT

Note: Make sure any water flow to the NuvoLuxe Pro System is shut off/ discontinued before changing any cartridges.

## Replacing pH Balance Cartridge & Premium PFOS Filter:

1. Before replacing your Premium PFOS Filter and pH Balance Cartridge, we recommend having a towel on hand and placing a container underneath your system to catch any water that may spill. A container should also be used to carry your spent cartridge, as the concentrated solution can damage flooring if it drips from the cartridge.
2. DISCONTINUE THE WATER FLOW TO THE SYSTEM. Open the faucet to release the pressure in the system.
3. To remove the pH Balance Cartridge and Premium PFOS Filter, turn the cartridge clockwise until it stops, and pull it down to remove the cartridge. (May need to wiggle to release the cartridges.)
4. Place the pH Balance Cartridge and place it in the container. Any water that empties from the cartridge will be very concentrated. DO NOT allow it to come in contact with copper, stone (natural or unsealed), carpet, cement, or other flooring.
5. Inspect the O-Ring on the top of the new pH Balance Cartridge and Premium PFOS Filter for wear. Ensure the O-Rings are seated properly.
  - a. Line the cartridge up with the correct notch keys and the correct corresponding label on the head and cartridge. (Diagram 3)
  - b. Twist the cartridge counterclockwise until it stops.
6. IF REPLACING THE NUVO-ULTRA-90 FILTER JUMP TO PAGE 9, STEP 3!
7. SLOWLY turn the water back on at the previously shut-off water valve. DO NOT OPEN THE FAUCET FOR 1 HOUR AFTER INSTALLATION!  
Make sure to check for leaks!
8. The system needs to be pressurized and rest for optimal treatment for one hour.

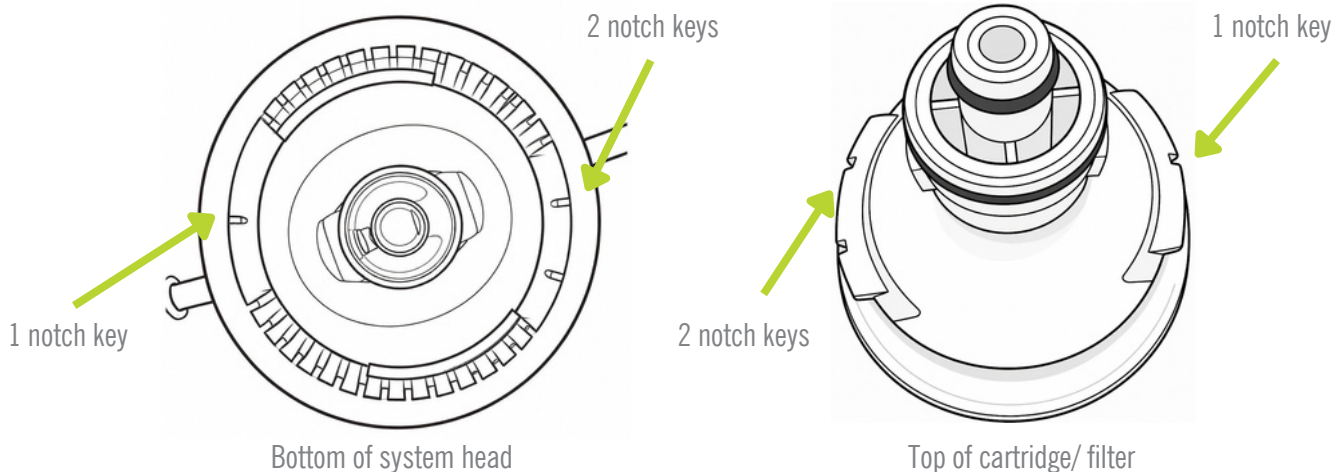


Diagram 3.

# NUVOLUXE PRO FILTER AND CARTRIDGE REPLACEMENT

Note: Make sure any water flow to the NuvoLux Pro System is shut off/ discontinued before changing any cartridges.

## Replacing Nuvo-Ultra-90 Filter:

1. Before replacing your Nuvo-Ultra-90 Filter, we recommend having a towel on hand and placing a container underneath your system to catch any water that may spill.
2. Discontinue water flow to the system by stopping the water to the system. Open the faucet to release the pressure in the system.
3. Remove Nuvo-Ultra-90 Filter by separating the outlet 1/2" female to 3/8" quick connect (Figure 4) from the 3/8" 90° post stub (Figure 7) by compressing down the locking ring on the top of 1/2" female to 3/8" quick connect (Figure 4). While the locking ring is compressed pull the Nuvo-Ultra-90 Filter away from the 3/8" 90° post stub (Figure 7). (Diagram 4)



4. Unscrew the 1/2" female to 3/8" quick connect (Figure 4) adaptor from the exhausted Nuvo-Ultra-90 Filter by rotating counterclockwise. (Diagram 4)
5. Unscrew the 1/2" female to 3/8" compression adaptor (Figure 3) from the exhausted Nuvo-Ultra-90 Filter by rotating counterclockwise. Note: Compression hose can stay attached to the 1/2" female to 3/8" compression adaptor (Figure 3) when changing the Nuvo-Ultra-90 Filter. (Diagram 4)
6. Reinstall the 1/2" female to 3/8" compression adaptor (Figure 3) to the bottom inlet of the replacement Nuvo-Ultra-90 Filter. Hand-tighten, then an additional 1/4 - 1/2 turn with the wrench that fits. **DO NOT OVER TIGHTEN** (Diagram 4)
  - a. Note: If a gasket is present, inspect the gasket for any wear. If no gasket is present, wrap the threads of the inlet/ bottom of the filter with the provided Teflon tape. Wrap the inlet threads of the Nuvo-Ultra-90 Filter with 3 full wraps.
  - b. Note: Bottom of the filter with the flow arrow pointing up.
  - c. Note: You must wrap the tape in the same clockwise direction as the threads are tightened, starting at the bottom and working your way up; wrapping counter-clockwise will cause the tape to unravel and bunch up as you screw the fitting on, rendering the seal ineffective.
7. Reinstall the 1/2" female to 3/8" quick connect adaptor (Figure 4) to the top outlet of the replacement Nuvo-Ultra-90 Filter. Hand-tighten, then an additional 1/4 - 1/2 turn with the wrench that fits (Diagram 4). Inspect the gasket for any wear. If no gasket is present, wrap the threads of the outlet/ top of the filter with the provided Teflon tape. Wrap the outlet threads of the Nuvo-Ultra-90 Filter with 3 full wraps.
8. Reinstall the Nuvo-Ultra-90 Filter with the 1/2" female quick connect adaptor (Figure 4) to the 3/8" quick connect 90° post stub (Figure 7). Note: Apply light pressure from the top of the 90° post (Figure 7) until fully inserted into the 1/2" female 3/8" quick connect adaptor (Figure 4). (Diagram 4)
9. With the inlet and outlet adaptors fully installed, place the Nuvo-Ultra-90 Filter back into the holding clip.
10. **SLOWLY** turn the water back on at the previously shut-off water valve. **DO NOT OPEN THE FAUCET FOR ONE (1) HOUR AFTER INSTALLATION!** Check for leaks! The system needs to be pressurized and rest for optimal treatment for one hour.

# WARRANTY & REGISTRATION

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Everyone's water quality is different. If you're not getting the results you expect, we may be able to help you adjust the treatment level from your softener to improve your water quality. Please contact us if we can be of any assistance.  
Call **877-688-6426** or email **NUVOCS@NUVOH2O.COM**.

## 1-Year Limited Warranty

In the unlikely event that you experience a manufacturing defect with your system, NuvoH2O may either modify or exchange your system.

## Product Registration

To register your NuvoLux Pro System, visit: **NUVOH2O.COM/REGISTER** If you do not have access to a computer please call one of our helpful customer service agents at: **877-688-6426** or mail the registration card included with your system.

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# NUVOH2O AUTOSHIP PROGRAM

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## Make Replacing Your Cartridges Easy! Have Them Sent Directly to Your Door With Autoship!

Keep your water soft, clean and healthy! Sign up for NuvoH2O Autoship to get:

- **10% Off Replacement Cartridges**
- **Hassle-free Automatic Shipments**
- **Free Shipping in the US**

Additional shipping or brokerage fees may apply for orders shipping outside the contiguous United States.



Scan the QR Code or visit  
<https://nuvoh2o.com/nuvo-auto-ship>

**WE LOOK FORWARD TO PROVIDING YOU WITH  
BETTER-TASTING, CONVENIENT, ECO-FRIENDLY, AND PH BALANCED WATER  
FOR MANY YEARS TO COME!**