WELCOME to the NuvoH2O Family

NuvoLuxe Pro

FILTRATION SYSTEM + PH BALANCE



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WELCOME TO THE NUVOH2O FAMILY

OF WATER TREATMENT!

Congratulations on your new NuvoLuxe Pro System! You've just taken the next step toward cleaner, safer, and more balanced water. The NuvoLuxe Pro Under-Sink Filtration System combines advanced multi-stage 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, and microplastics.

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

- > Provides EPA quality drinking water.
- > 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.
- > 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 pH balancing cartridge works to stabilize and optimize the water's pH level by interacting with minerals such as calcium and magnesium. This helps reduce any imbalance in the water, resulting in cleaner, better-tasting water without altering 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 Nuvo-Ultra-90 Filter is specifically designed to provide effective reduction of bacteria, viruses, microplastics and nanoplastics, by filtering down to 5 nanometers (nm). 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 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

Package Contents

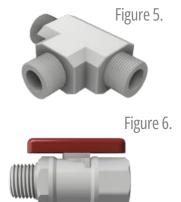
- NuvoLuxe Pro Part#711644
- > 3 Cartridges: Part#711643

pH Balance Cartridge(1st Stage)
Premium PFOS Filter (2nd Stage)
Nuvo-Ultra-90 (3rd Stage)

- > 3/4" Male NPT to 3/8" Male Compression Adapter (Figure 1.)
- > 3/4" 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" Ball Valve (Figure 6.)







Replacement Parts:

- > Filter Replacement 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

Note:

Before installing, ensure that the cold 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 right to left.

Prepping the system for installation:

- 1. Locate the 3/4" male to 3/8" compression adapter from the parts bag.
- 2. Locate the provided Teflon tape from the parts bag and wrap 3 full wraps of tape around the threads of the 3/4" male portion of the 3/4" to 3/8" Compression adapter.
 - a. Note: You must wrap the tape in the same <u>clockwise</u> 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, making the seal ineffective.
- 3. Screw in 3/4" male to the 3/8" compression adapter into the inlet 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 (Main line connection) or 1/2" female to 3/8" quick connect adapter depending on installation method. (Dedicated drinking faucet)
- 5. Remove Nuvo-Ultra-90 Filter from the wall clip and remove the protective packaging.
- 6. Locate 1/2" Female to 3/8" quick connect adaptor and install on the inlet/top of the Nuvo-Ultra-90 filter.
 - a. No Teflon tape needed, DO NOT OVER TIGHTEN
- 7. Install Nuvo-Ultra-90 filter back into the wall clip, then attach the 3/8" 90° stub adaptor into the previously installed inlet adaptor.
 - a. Ensure the flow arrow is facing down.
- 8. Installation of Nuvo-Ultra-90 outlet adaptor.
 - a. (Main faucet installation) With the provided Teflon tape, wrap the outlet threads of the Nuvo-Ultra-90 Filter with 3 full wraps. Note: Bottom of the filter with the flow arrow pointing down.
 - i. Note: You must wrap the tape in the same <u>clockwise</u> 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, making the seal ineffective.
 - b. (Dedicated drinking faucet) Locate 1/2" Female to 3/8" quick connect adaptor and install on the inlet/top of the Nuvo-Ultra-90 filter. Note: No Teflon tape needed.
- 9. Attach 1/2" female to 3/8" compression adapter or 1/2" female to 3/8" quick connect adaptor to the outlet of the Nuvo-Ultra-90 filter. (Bottom of left filter) Hand-tighten, then an additional 1/4 1/2 turn with the wrench that fits. DO NOT OVER TIGHTEN (See Diagram 1.)
- 10. Locate the 3/8" Compression Ball Valve. Install onto the inlet 3/8" compression threads.
- 11. Locate the pH balancing cartridge and Premium PFOS filter and remove protective packaging. Set aside.

PREPPING YOUR NUVOLUXE PRO

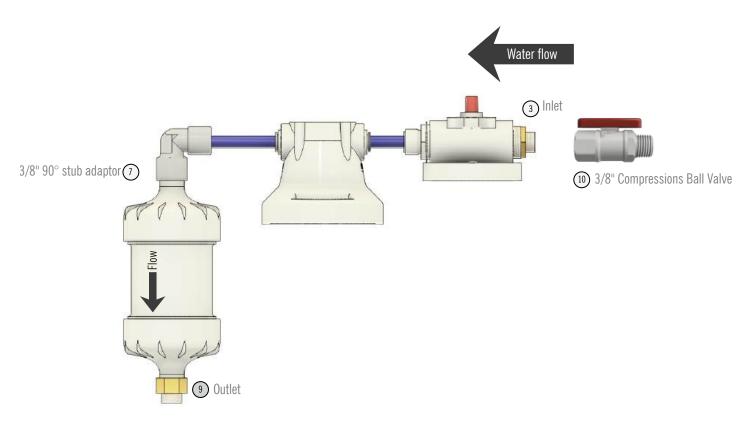


Diagram 1.

INSTALLING YOUR NUVOLUXE PRO

Installing System:

Note: Water should be shut off at this point.

- 1. Locate the 3/8" compression tee from the parts bag. (See Diagram 2.)
- 2. Install the 3/8" compression tee after the water shut-off, 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. (See Diagram 3.)
- 3. Place the system in the desired location. (Somewhere flat and stable typically underneath the sink.)



Diagram 2.

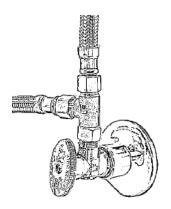


Diagram 3.

- 4. If the tee has been installed, the 3/8" compression hose screws onto the horizontal outlet of the tee.
- 5. Connect 3/8" compression hose from tee or water shut off valve to the inlet ball valve adapter. (See Diagram 1, Section 3)
- 6. Connecting to the outlet of the system.
 - a. (Main water line) Using a 3/8" compression hose, connect it to the previously installed Nuvo-Ultra-90 Filter outlet 3/8" compression adaptor.
 - b. (Dedicated drinking faucet) Using a 3/8" quick connect tube, connect to the previously installed Nuvo-Ultra-90 Filter outlet 3/8" compression adaptor.

 Note: If connection point is not 3/8" installer will need to provide 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 removed from the Premium PFOS filter, install the Premium PFOS filter on the middle head.
 - a. Line up the Premium PFOS filter with the correct keys. Twist the filter 1/4 turn counterclockwise until it locks in with the head.
- 2. With all protective packaging off the pH Balancing cartridge, install the softening cartridge on the right-side head.
 - a. Line the cartridge up with the correct keys on the head. Twist the cartridge 1/4 turn counterclockwise until you hear a click and it is locked in.
- 3. Verify the installation of your Nuvo-Ultra-90 Filter.
 - a. Make sure the Nuvo-Ultra-90 Filter is clipped into the bracket on the left side.
 - b. Make sure the flow arrow is pointed down.
 - c. Ensure the 3/8" braided hose or 3/8" quick connect tubbing is attached to the bottom of the filter.
- 4. Once both the filter 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 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 1 hour, run water for 5-10 minutes before use.
 - a. This will flush any suspended carbon dust out of the system
 - b. This water is safe for drinking immediately, but flushing the system will provide optimal clarity of water.
 - i. Note: If the water appears cloudy continue flushing the system until water becomes clear. Cloudiness is due to air escaping the cartridges.

BEFORE CARTRIDGE REPLACMENT

Warnings & Cautions

The Nuvo pH Balance Cartridge is intended for the treatment of hard water with alkaline pH 7.2. 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 to any cartridge installation. Replace the filter and the 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.

Pressure needs to be released using the red button on the top of your NuvoLuxe Pro System before changing any cartridges or performing maintenance.

Failure to maintain your system may result in poor performance and/or cracks in the housing, causing leakage and possible flooding. After prolonged periods of non-use, it is recommended that the system be flushed thoroughly.

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

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

Can only be installed onto a cold water line.

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

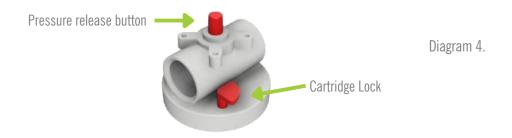
Failure to replace all 3 filters at the same time can cause an airlock in the Nuvo-Ultra-90 Filter and can reduce or stop flow of water.

NUVOLUXE PRO FILTER AND CARTRIDGE REPLACEMENT

Note: Make sure to replace all 3 cartridges at the same time to prevent an airlock in the system.

Replacing Cartridges:

- 1. Before replacing your filters and 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 water flow to the system by stopping the water to the system. Press down on the red pressure relief to relieve pressure from the system.
- 3. Remove the pH Balance Cartridge. Lift up the red cartridge lock and 1/4th turn clockwise. (See Diagram 4.)
- 4. Remove the pH Balance Cartridge and place it in a container. The water that empties from the cartridge and sump 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 pH Balancer Cartridge and Premium PFOS Filter for wear. Ensure it is seated properly.

- a. Line the cartridge up with the correct keys on the head.

 Twist the cartridge 1/4th turn counterclockwise until you hear a click and it is locked in place.
- 6. Replacing the Premium PFOS Filter:
 - a. Rotate filter clockwise and remove the cartridge. (May need to wiggle it to release it.)
 - b. Take all protective wrap off the Premium PFOS Filter
 - c. Line up the Premium PFOS filter with the correct keys. Twist the filter 1/4th turn counterclockwise until it locks in with the head.

NUVOLUXE PRO FILTER AND CARTRIDGE REPLACEMENT

- 7. Replacing the Nuvo-Ultra-90 Filter:
 - a. Release top quick connect from 90° stub by pressing down on the locking mechanism and unscrew the braided hose.
 - 1. Uninstall the 1/2" female to 3/8" quick connect adaptor from the depleted filter.
 - 2. Install the 1/2" female to 3/8" quick connect adaptor to the new Nuvo-Ultra-90 Filter.
 - b. Unscrew the outlet adaptor from the depleted Nuvo-Ultra-90 Filter and remove from wall clip.
 - c. On the outlet of the new filter wrap 3 wraps of Teflon tape on the threads counterclockwise.
 - d. Clip the Nuvo-Ultra-90 Filter back into the wall clip.
 - e. Make sure the flow arrow is pointed down.
 - f. Install the outlet adaptor onto the new Nuvo-Ultra-90 Filter counterclockwise.
- 8. On the outlet adaptor of Nuvo-Ultra-90 Filter fitting reattach the 3/8" braided hose.
- 9. Once both the filter and cartridge are locked in, SLOWLY turn the water back on.

DO NOT OPEN THE FAUCET FOR 1 HOUR AFTER INSTALLATION!

- 10. The system needs to be pressurized and rest for optimal treatment for one hour.
- 11. After the system has rested for 1 hour, run water for 5-10 minutes before use.
 - a. This will flush any suspended carbon dust out of the system
 - b. This water is safe for drinking, but flushing the system will provide optimal clarity of water.

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

WARRANTY & REGISTRATION

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.

2-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 NuvoLuxe 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.

NUVOH2O AUTOSHIP PROGRAM

Revolutionary Water Softening Cartridges Directly to Your Door Twice a Year

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!