



WELCOME
to the NuvoH2O
RV Family

RV WATER TREATMENT SYSTEM

FILTRATION SYSTEM + WATER SOFTENER



OWNER GUIDE

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This system has been tested according to NSF/ANSI 42 and CSA B483.1 for reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system, as specified in NSF/ANSI 42 and CSA B483.1. Testing was performed under standard laboratory conditions, actual performance may vary.

Conformance statement: This product has been certified by IAPMO R&T against NSF/ANSI 42 and CSA B483.1.

OWNER GUIDE

WELCOME TO THE NUVOH2O FAMILY OF RV WATER TREATMENT!



Congratulations on your new NuvoH2O RV System! Instead of traditional salt or potassium, it utilizes CitraCharge, an all-natural citrus formulation, to soften and condition your RV's water. Developed initially for the food service industry in the 1980s, this technology has been effectively solving water issues for major businesses nationwide.

With NuvoH2O, expect healthier, better tasting, and softer water that prevents and removes hard water buildup, crucial for preserving your RV's water system components.

Here's what you can expect from your RV System:

- Softened water with improved taste, achieved by binding minerals without removing them.
- Prevention of hard water buildup in RV tanks, ensuring proper sensor readings.
- Filtered sediment such as sand, silt, and other debris.
- Better tasting and smelling water.
- Filtration of iron and heavy metals.
- Rated at 4 GPM
- This product has been certified by IAPMO R&T against NSF/ANSI 42 and CSA B483.1

The following describes the 3 stages of water treatment.

The Sediment Filter serves as the initial defense for your RV System, effectively capturing and removing large particles like sand, rust, and debris.

The KDF Iron Filter enhances water taste by reducing iron content and preventing damage to pipes, hoses, and heaters. It eliminates orange and brown stains in sinks, toilets, and showers reducing dissolved iron. Our system helps with the removal of chlorine, sulfur, and other odor and bad taste causing contaminants.

The softening cartridge prevents and removes hard water scale build-up by binding hard water minerals, like calcium, and magnesium. This provides all of the benefits of traditional soft water without the downsides of high sodium content, and removal of beneficial minerals.

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.

LOVE IT IN YOUR RV LOVE IT IN YOUR HOME

SIMPLE & EFFECTIVE

The only setup needed is installing the filters, cartridge and a water supply! The NuvoH2O system can be used for direct water supply and filling of the freshwater tank. If your NuvoH2O system is pre-installed inside the RV, the system is connected with the direct water supply and fresh water tank supply (Not filling the fresh water tank).

Package Contents

- | | | | |
|--------------------------------------|--|-----------------------------------|-----------------------------------|
| ➔ Manifold
Part# 711396 | ➔ 2x10 Grey Sumps
Part# 711401 | ➔ Sediment Filter
Part# 711366 | ➔ OR-234 - O-Ring
Part# 711415 |
| ➔ Winterization Caps
Part# 711399 | ➔ Studio Cartridge
Part# 23002 | ➔ Wrench
Part# 711409 | |
| ➔ 2x10 White Sumps
Part# 711400 | ➔ Iron & Heavy Metals Filter
Part# 711364 | ➔ Lubricant
Part# 711410 | |

System Maintenance

- Cartridge installation
- Filters and cartridge changes
- Winterization

BEFORE CARTRIDGE INSTALLATION

Warnings & Cautions

- ! The NuvoH2O softener is intended for the treatment of hard water with alkaline pH; install winterization cap if inlet water is below 7.2 pH.
- ! Do not allow cartridge contents to come in contact with surfaces comprised of stone (natural or unsealed), carpet, cement, or other flooring.
- ! Insulate any outside hoses that can reach extreme temperatures (higher than 80° F (27° C) or lower than 40° F (4.4° C).
- ! Maximum working water temperature is 100° F (38° C). The minimum working water temperature is 37° F (3° C). The maximum working water pressure is 75 PSI. The minimum working water pressure is 7.25 PSI (0.5 bar). The optimal treatment pressure is between 45 PSI (3 bar) and 65 PSI (4.5 bar).
- ! Ensure that the water coming into the RV has been shut off prior to any cartridge installation.
- ! Replace the filter and the cartridge at least every six months or as needed based on water usage. Failure to replace the cartridges in recommended intervals may result in poor softener performance, water filtering, and/or cracks in the housing, causing leakage, possible flooding, and bacterial growth..
- ! Failure to maintain your system may result in poor performance and/or cracks in the housing, causing leakage and possible flooding.
- ! Lubricate O-rings.
- ! If water leaks between the sump and head, re-lubricate the O-ring or replace the O-ring with a new one.
- ! After prolonged periods of non-use, it is recommended that the system be flushed thoroughly. Let the water run for five to six minutes before using it.
- ! The system sump should be replaced every 5 years to prevent costly repairs or possible water damage
- ! 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 sumps. Minor damage from inappropriate handling can lead to cracks and eventual failure.

NUVOH2O FILTER AND CARTRIDGE REPLACEMENT

1. Before replacing your filters and cartridge, we recommend having a towel on hand and placing a container underneath your RV 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 RV. Open a faucet to allow any pressure to be released. Close the faucet once all the pressure has been released.
3. Using the white plastic wrench provided, turn the sump clockwise (left) to loosen the sump from the head of the system. CAUTION: The sump will be full of water.
4. Remove the spent cartridge and place it in a container. Turn it upside down and let it drain completely. The outside of the cartridge can be rinsed with warm water. **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. Wash the sump with food grade cleaner and warm water using a nonabrasive sponge or cloth.
6. Inspect the O-ring, on the top of the sump, for wear. Ensure it is seated properly. Lubricate the O-ring with a water-based lubricant or replace it as needed.
7. Remove the plastic shrink wrap from your new filter and cartridge and insert them into the sumps. The small, round holes on the side of the softening cartridge must be at the top.
8. Fill the white sump containing the softening cartridge with water in a safe location while separated from the manifold head. After one hour the softening cartridge is ready to be used and the sump with cartridge can be re-attached to the manifold head.
 - *Failure to allow the softening cartridge to rest in water for one hour can reduce the life span of the cartridge*
9. Be sure to align the filters and cartridge properly in the sumps and heads. Failure to do so may cause them to crack when tightening the sumps back onto the heads.
10. One at a time, carefully attach the sumps (now with the cartridge and filters inside) to the head by rotating the sumps counterclockwise. Secure with the wrench provided.

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

WINTERIZATION

Before Using Antifreeze

1. Before removing your filters and cartridge, we recommend having a towel on hand and placing a container underneath your softener 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 the flooring if it drips from the cartridge.
2. Discontinue water flow to the system by stopping the water to the RV. Open a faucet to allow any pressure to be released. Close the faucet once all the pressure has been released.
3. Using the white plastic wrench provided, turn the sump clockwise (left) to loosen the sump from the head of the system. CAUTION: The sump will be full of water.
4. Remove the spent cartridge and place it in a container. Turn it upside down and let it drain completely. The outside of the cartridge can be rinsed with warm water. **The 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. Wash the sump with food grade cleaner and warm water using a nonabrasive sponge or cloth.
6. Insert the winterization inserts (Figure 1) into each sump. Insert (Figure 1) into each sump with the nipple of the cap facing up.
7. One at a time, carefully attach the sumps (now with the winterizing insert inside) to the head by rotating the sumps counterclockwise. Secure with the wrench provided.
8. Continue winterizing according to the manufacturer's suggested procedures.



Figure 1

RV WATER TREATMENT SYSTEM COMPARISON

	 NuvoH2O	 Salt System	 Multi-Filter	 Standard Filter
Treats Tastes & Odors	✓	✗	✓	✗
On Board Install	✓	✓	✓	✗
Prolong life of water heater anode rod	✓	✓	✗	✗
Filters Sediment	✓	✗	✓	✓
Treats Heavy Metals	✓	✗	✗	✗
Salt Free Softening	✓	✗	✗	✗
Filters + Softening all in one	✓	✗	✗	✗
Removes existing hard water build up from appliances and tanks	✓	✗	✗	✗
Improves the health of black water tank	✓	✗	✗	✗

NuvoH2O uses **CitraCharge**, a proprietary, all natural, citrus formulation to soften and condition your RV's water. Initially developed for the food service industry in the early 1980's, this remarkable technology has been solving complex water problems for many of the nation's largest businesses.

HOME WATER TREATMENT COMPARISON

WHOLE HOME WATER TREATMENT



NUVOH2O
TRIO



SALT
SOFTENER



WATER
CONDITIONER
MAGNETS & ELECTRIC

EFFECTIVE

Prevents Scale Buildup	✓	✓	✓
Removes Existing Scale	✓		✓
3rd Party Tested & Proven Effective	✓	✓	
Filters for Taste and Odors	✓		✓
Filters Chlorine	✓		✓

ECO-FRIENDLY

No Salt	✓		✓
No Wasted Water	✓		
No Electricity	✓		
Not Harmful to the Environment	✓		✓
Protects and Extends Life of Appliances	✓	✓	✓

GOOD FOR YOU

Leaves in Beneficial Minerals (Mg & Ca)	✓		✓
Hair & Skin Softer and Healthier	✓	✓	✓
No Slimy Feeling in the Shower	✓		✓
No Additional Sodium	✓		✓

EASY INSTALLATION

No Back Flush	✓		
Compact Size	✓		
No Electricity Required	✓		
No Calibration Required	✓		
Easy Maintenance	✓		✓

NUVOH2O AUTOSHIP PROGRAM

Revolutionary Water Softening Cartridges Directly to Your Door Two Times a Year

NuvoH2O not only offers a revolutionary solution to hard water, we also offer an easy way to maintain your system and keep the soft water flowing uninterrupted. When you sign up for the Replacement Cartridge Autoship program, you can rest assured knowing that when your softening cartridge begins to run low, your new cartridge is already on its way to you.

Not to mention, you'll save some serious money. All cartridges sent out on autoship receive a 10% discount and FREE U.S. shipping!*

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



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 **NUVOC@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 softener. To qualify for warranty, contact Jayco at **SERVICE@JAYCO.COM**

Product Registration

To register your NuvoH2O RV 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, you can mail the registration card included with your system.

**WE LOOK FORWARD TO PROVIDING YOU WITH
BETTER-TASTING, CONVENIENT, ECO-FRIENDLY, SALT-FREE SOFT WATER
FOR MANY YEARS TO COME!**



DON'T FORGET TO
FOLLOW US
ON SOCIAL MEDIA FOR GIVEAWAYS,
PROMOTIONS, NEW PRODUCTS, AND MORE.



**FOR ONLINE
OWNER MANUAL,**
WINTERIZATION AND
VIDEOS

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R&T against NSF/ANSI 42 and CSA B483.1.