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## NPGLOBAL RVS-Pumpkin

# NPGLOBAL RV Water Softener Portable Instruction Manual

Model: RVS-Pumpkin

For RVs, Trailers, Boats, Mobile Car Washing, Pressure Washing

## INTRODUCTION

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The NPGLOBAL RV Water Softener Portable is designed to provide soft water for various applications, including RVs, trailers, boats, mobile car washing, and pressure washing. This portable unit helps reduce water hardness, preventing scale buildup and improving water quality for bathing, cleaning, and appliance longevity.



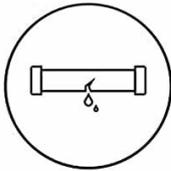
Image: The NPGLOBAL RV Water Softener Portable unit shown with included accessories such as hoses, connectors, and a neoprene cover.

**NSF  
CERTIFIED  
RESIN**

Food Grade



## ENJOY THE BENEFITS OF SOFT WATER



**PREVENTS  
DAMAGE  
ON PIPES**



**BRIGHTER  
& SOFTER  
LAUNDRY**



**SOFTER SKIN  
& HEALTHIER  
HAIR**



**PROTECTS  
& EXTENDS  
APPLIANCES**

Image: A family enjoying outdoor activities with an RV in the background, illustrating the benefit of instant soft water for comfort and daily use.

### PRODUCT COMPONENTS

Your NPGLOBAL RV Water Softener Portable comes with the following components:

- RV Water Softener Unit
- Neoprene Cover
- Handle
- Y Splitter
- Shut Off Valve
- 2 x Brass Adapters
- Double Quick Connector
- Brass L Fitting
- PTFE Seal Tape
- Fiber Cloth
- Hose

- O-rings



Image: An exploded view diagram showing all components included with the RV Water Softener, such as the main unit, various fittings, and accessories.

# NO PLUMBER NEEDED, READY IN MINUTES



## EASY TO INSTALL

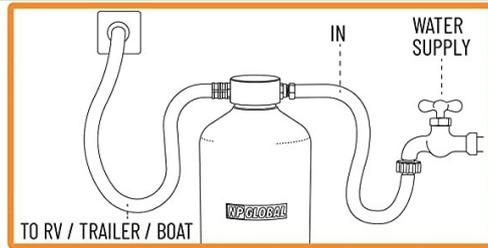
Image: A close-up view of the heavy-duty steel and rubber grip connectors, highlighting their robust construction and compatibility with 3/4" GHT spigots.

### SETUP AND INSTALLATION

Follow these steps to set up and install your RV Water Softener:

1. Ensure all components are present and undamaged.
2. Place the water softener unit on a stable, level surface near your water source.
3. Connect the inlet side of the softener (marked "IN") to your water supply using the provided hose and appropriate fittings. Use PTFE seal tape on all threaded connections to prevent leaks.
4. Connect the outlet side of the softener (marked "OUT") to your RV, trailer, or other application.
5. Ensure all connections are secure and hand-tightened. Avoid overtightening.
6. Before first use, it is recommended to backflush the unit. Refer to the "Operating Instructions" section for details on backflushing.

Ultra  
Strong  
**POLYMER  
BUILT  
HEAD**



**3/4" HIGH-FLOW IN/OUT  
GARDEN HOSE PORTS**



Image: The portable RV water softener unit connected to an RV's water inlet, demonstrating a typical installation setup.

Your browser does not support the video tag.

Video: A demonstration of installing the RV Water Softener, showing the connection process to an RV's water system.

## OPERATING INSTRUCTIONS

### Initial Use and Backflushing

Before using the water softener for the first time, or after a period of storage, it is crucial to backflush the unit to prepare the resin for optimal performance.

1. Connect the unit as described in the "Setup and Installation" section.
2. Ensure the water supply is turned off.
3. Orient the unit to the "Backflush" position (refer to markings on the unit head).
4. Slowly turn on the water supply, allowing water to flow through the unit in reverse. This flushes out any fine particles or air from the resin bed.
5. Continue backflushing until the water runs clear, typically for 5-10 minutes.
6. Turn off the water supply and re-orient the unit to the "Service" position for normal operation.

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Video: A step-by-step guide on how to backflush the RV Water Softener before its first use, ensuring proper function.

## Regeneration Process

The water softener requires regeneration when its softening capacity is depleted. This is typically indicated by a return of hard water symptoms (e.g., soap not lathering, water spots). The unit regenerates using common table salt.

1. Turn off the water supply to the softener.
2. Disconnect the outlet hose from your RV/application.
3. Remove the top cap of the softener unit.
4. Add approximately 2 lbs (half a standard box) of non-iodized table salt into the unit.
5. Replace the top cap securely.
6. Orient the unit to the "Regenerate" position (refer to markings).
7. Slowly turn on the water supply, allowing water to flow through the unit. This will dissolve the salt and flush the resin.
8. Allow the regeneration process to complete, which typically takes 30 minutes.
9. After regeneration, turn off the water supply and re-orient the unit to the "Service" position.
10. Reconnect the outlet hose to your RV/application.
11. Flush the system for 4-6 minutes to remove any residual salt taste before normal use.

Your browser does not support the video tag.

Video: A detailed demonstration of the RV Portable Water Softener regeneration process, including adding salt and flushing the unit.



Image: A cutaway diagram illustrating the internal flow of water through the resin bed, demonstrating the chemical-free softening technology.

## MAINTENANCE

Regular maintenance ensures the longevity and efficiency of your water softener:

- **Cleaning:** Periodically wipe down the exterior of the unit with a damp cloth. Avoid harsh chemicals.
- **Storage:** If storing the unit for an extended period, ensure it is regenerated and then drained completely. Store in a cool, dry place away from direct sunlight and freezing temperatures.
- **O-rings:** Inspect O-rings for wear or damage periodically. Replace if necessary to prevent leaks. A fiber cloth and spare O-rings are included for convenience.
- **Resin:** The unit uses NSF certified food-grade premium resin. While designed for durability, proper regeneration and backflushing are key to maintaining its effectiveness.

Bundle Includes  
**HIGHEST QUALITY  
CONNECTORS**



**HEAVY DUTY STEEL & RUBBER GRIP**

***Fits perfectly with any  
3/4" GHT spigot,  
hose end, and nozzle***



Image: A close-up highlighting the "NSF Certified Resin Food Grade" label, indicating the quality and safety of the softening media.

## TROUBLESHOOTING

Problem	Possible Cause	Solution
Water is still hard after softening.	Unit needs regeneration; insufficient salt during regeneration; improper regeneration process; resin bed fouled.	Perform a full regeneration cycle with the correct amount of salt. Ensure the unit is in the "Regenerate" position during the process. If issues persist, perform multiple regeneration cycles or a thorough backflush.
Low water flow.	Unit is clogged; inlet/outlet hoses kinked; internal filter blocked.	Perform a backflush to clear any blockages. Check hoses for kinks. Inspect internal components for debris.
Water has a salty taste.	Insufficient flushing after regeneration.	Flush the unit for an extended period (10-15 minutes) after regeneration until the salty taste is gone.

Problem	Possible Cause	Solution
Leaks at connections.	Loose connections; damaged O-rings; insufficient PTFE tape.	Tighten connections. Inspect and replace O-rings if damaged. Reapply PTFE tape to threaded connections.

## SPECIFICATIONS

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- **Model Name:** RVS-Pumpkin
- **Grain Capacity:** 16,000 Grain
- **Fittings:** 3/4" GHT
- **Product Dimensions:** 9.44"L x 9.45"W x 19.68"H
- **Item Weight:** 14.02 Kilograms (approx. 30.9 Pounds)
- **Power Source:** Manual
- **Resin Type:** NSF Certified Food-Grade Premium Resin
- **Manufacturer:** NPGLOBAL
- **Country of Origin:** China
- **First Available:** January 30, 2022



Image: A detailed view of the ultra-strong polymer built head of the water softener, showing the 3/4" high-flow IN/OUT garden hose ports.

**NPGLOBAL**  
**PORTABLE  
WATER  
SOFTENER**

**16000  
GRAINS**

**PREMIUM  
GRADE**

NEED SUPPORT? Call or Text  
**+1 (888) 421-3737**  
Available from 8 am to 5 pm EST Monday to Friday  
hello@proshopglobal.com

**ENGINEERED FOR BOTH  
CITY AND WELL WATER**

**PROTECTIVE  
NEOPRENE SLEEVE**

**PROFESSIONAL GRADE WATER SOFTENER**

Image: A diagram illustrating how the water softener can be connected to both city and well water supplies, highlighting its versatility.

## WARRANTY AND SUPPORT

The NPGLOBAL RV Water Softener Portable comes with a **7-Year Warranty**, engineered for life. For any questions, technical assistance, or warranty claims, please contact NPGLOBAL customer support.

**Phone Support:** +1 (888) 421-3737 (Available from 8 am to 5 pm EST, Monday to Friday)

**Email Support:** hello@proshopglobal.com



## **PROTECTS & EXTENDS APPLIANCES**



Image: A customer support representative wearing a headset and smiling, symbolizing available phone support.