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NPGLOBAL RVS-Pumpkin

NPGLOBAL Portable 16,000 Grain RV Water Softener Instruction Manual

Model: RVS-Pumpkin

INTRODUCTION

This manual provides instructions for the NPGLOBAL Portable 16,000 Grain RV Water Softener, Model RVS-Pumpkin. This device is designed to reduce water hardness, improving water quality for various applications, including RVs, marinas, boats, spas, mobile car washing, and pressure washing.

The water softener features a sturdy vessel and base, utilizing NSF certified food-grade premium resin for durability and effective softening. It is capable of regenerating in approximately 30 minutes, providing softer water quickly.

Key Benefits:

- **Reduces Hard Water:** Provides significantly softer water.
- **Filters Heavy Metals:** Helps reduce exposure to heavy metals like iron, lead, and radium, which can contribute to health issues and skin conditions.
- **Improves Skin and Hair Health:** Softened water can alleviate dry skin, improve skin conditions like eczema, and prevent hair dryness and dullness.
- **Eliminates Odors and Tastes:** Removes unpleasant odors (e.g., rotten eggs) and foul tastes often associated with hard water, resulting in fresher, cleaner-tasting water.
- **Protects Appliances and Plumbing:** Prevents scale buildup in pipes and appliances, extending their lifespan and maintaining efficiency.

PRODUCT COMPONENTS

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



Image Description: An exploded view showing all components included with the RV water softener. These include the main RV water softener tank, a Y splitter, a shut-off valve, two brass adapters, a quick connector, a handle, a brass L fitting, PTFE seal tape, O-rings, a hose, a fiber cloth, and a neoprene cover.

- Portable Water Softener Tank (16,000 Grain)
- Y Splitter
- Shut Off Valve
- 2 x Brass Adapters
- Quick Connector
- Handle
- Brass L Fitting
- PTFE Seal Tape
- O-rings
- Hose
- Fiber Cloth

- Neoprene Cover

SETUP INSTRUCTIONS

The NPGLOBAL RV Water Softener is designed for easy installation without the need for a plumber. Follow these steps for proper setup:

1. **Test Water Hardness:** Before connecting the softener, use the provided hard water test strips to determine the initial hardness of your water supply. This will help you monitor the effectiveness of the softener.
2. **Identify Inlet and Outlet:** The softener unit has clearly labeled "IN" and "OUT" ports. The "IN" port connects to your water supply, and the "OUT" port connects to your RV or other application.
3. **Connect Adapters:** The unit's ports are typically male ends. Use the provided hose adapters to connect your water supply hose to the "IN" port and your RV's water inlet hose to the "OUT" port. Ensure all connections are secure and use PTFE seal tape as needed to prevent leaks.
4. **Initial Flush:** Before connecting the "OUT" port to your RV, run water through the softener for a few minutes to flush out any initial sediment or resin fines. Observe the water coming out of the "OUT" port until it runs clear.
5. **Connect to RV:** Once the water runs clear, connect the "OUT" port to your RV's water inlet.
6. **Verify Connections:** Double-check all connections for tightness to prevent leaks.

Featuring Our
**CHEMICAL FREE
SOFTENING
TECHNOLOGY**



SCM

SCALE CONTROL
MEDIA

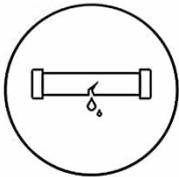
**55%^{MORE}
EFFICIENT**
Than The
Competition

Image Description: The orange and black portable RV water softener is shown connected to the side of an RV with hoses, illustrating its easy installation process without professional help.

**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 Description: A detailed view of the top of the water softener, highlighting the durable polymer built head and the 3/4-inch high-flow garden hose ports for inlet and outlet connections.

Setup and Operation Video:

Your browser does not support the video tag.

Video Description: This video demonstrates the unboxing, initial water hardness testing, connection, and flushing process of the NPGLOBAL Portable RV Water Softener. It highlights the ease of setup and shows how to verify water softening.

OPERATING INSTRUCTIONS

Once installed, the water softener operates by ion exchange, removing hardness minerals from your water supply. Water flows through the unit, and the resin beads inside exchange calcium and magnesium ions for sodium ions, resulting in softened water.

Bundle Includes
**HIGHEST QUALITY
CONNECTORS**



HEAVY DUTY STEEL & RUBBER GRIP

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



Image Description: An internal diagram of the water softener illustrating the water flow and the chemical-free softening technology using resin beads to remove hardness minerals.

The unit is designed for continuous use until the resin becomes saturated with hardness minerals, at which point it will require regeneration.

MAINTENANCE AND REGENERATION

The NPGLOBAL RV Water Softener is a rechargeable unit. Regeneration is the process of flushing the resin with a salt solution to restore its softening capacity. The frequency of regeneration depends on your water hardness and usage.

Regeneration Process:

1. **Monitor Water Hardness:** Regularly test your softened water using the provided test strips. When the water starts to show signs of increased hardness, it's time to regenerate the unit.
2. **Prepare Brine Solution:** Follow the instructions provided with your water softener for preparing the correct salt brine solution. Typically, this involves dissolving a specific amount of non-iodized salt in water.

3. **Initiate Regeneration:** Disconnect the softener from your RV and follow the manufacturer's specific instructions for initiating the regeneration cycle. This usually involves pouring the brine solution into the unit and allowing it to soak for a specified period (e.g., 30 minutes).
4. **Flush the Unit:** After the regeneration soak, flush the unit thoroughly with fresh water until all salt residue is removed and the water runs clear and tastes normal.
5. **Reconnect and Test:** Reconnect the softener to your RV and test the water hardness again to confirm successful regeneration.

Tip: Keep a supply of hard water test strips to regularly monitor your water and determine when regeneration is needed. Usage patterns and varying water sources will affect regeneration frequency.

TROUBLESHOOTING

If you encounter issues with your NPGLOBAL RV Water Softener, consider the following common problems and solutions:

- **Reduced Water Flow:**

- Check for kinks in hoses.
- Ensure all valves are fully open.
- The filter media might be clogged; regeneration is likely needed.

- **Water Not Softening:**

- The resin may be exhausted; perform a regeneration cycle.
- Ensure the regeneration process was completed correctly with the proper salt solution.
- Verify water flow direction (IN/OUT connections).

- **Leaks at Connections:**

- Tighten all hose connections.
- Apply additional PTFE seal tape to threaded connections.
- Check O-rings for proper seating or damage and replace if necessary.
- Inspect hoses and fittings for cracks or damage.

- **Unusual Water Taste or Odor After Regeneration:**

- The unit may not have been flushed sufficiently after regeneration. Continue flushing with fresh water until the taste/odor dissipates.

SPECIFICATIONS

Feature	Detail
Brand	NPGLOBAL
Model Number	RVS-Pumpkin
Capacity	16,000 Grain / 16,000 Gallons
Product Dimensions	24L x 24W x 50H Centimetres (approximately 23.98 x 24 x 49.99 cm)

Material	Plastic
Special Feature	NSF Certified
Installation Type	Freestanding
Purification Method	Ion Exchange
Power Source	Manual Operation

WARRANTY INFORMATION

The NPGLOBAL Portable RV Water Softener is backed by a **lifetime limited warranty**. For specific terms and conditions of the warranty, please refer to the documentation included with your product or contact customer support.

CUSTOMER SUPPORT

For any questions, technical assistance, or warranty claims, please contact NPGLOBAL customer support:

- **Phone:** +1 (888) 421-3737 (Available Monday to Friday, 9 AM to 5 PM EST)
- **Email:** hello@proshopglobal.com



Image Description: The main product image of the NPGLOBAL Portable RV Water Softener, prominently displaying the brand logo, 16,000 grains capacity, "Premium Grade" seal, and customer support contact details including phone number and email address.