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CLEARSOURCE SYSTM - 00011

Clearsource Ultra RV Water Filter System with VirusGuard: User Manual

Model: SYSTM - 00011

Introduction

The Clearsource Ultra RV Water Filter System with VirusGuard provides advanced water purification for recreational vehicles. This system is designed to deliver safe, great-tasting water by effectively removing or reducing viruses, bacteria, cysts, and other contaminants through its unique three-stage filtration process.



Image: The Clearsource Ultra RV Water Filter System, showcasing its robust design with three blue filter canisters mounted on a black metal frame.

Setup

The Clearsource Ultra system is designed for straightforward installation. Ensure you have all components: canisters, filters, and wrench. Position the system on a stable, level surface near your RV's water inlet. Connect your water source to the system's inlet and your RV's water line to the system's outlet. Always ensure connections are secure to prevent leaks.

Installation Steps:

1. **Unpack Components:** Carefully remove all items from the packaging. Verify that all included components (canisters, filters, wrench) are present.
2. **Position the System:** Place the filter system on a flat, stable surface. Ensure it is easily accessible for future filter

changes and connections.

3. **Connect Inlet Hose:** Attach your fresh water supply hose to the inlet port of the Clearsource Ultra system. Hand-tighten securely, then use the provided wrench for a final snug turn.
4. **Connect Outlet Hose:** Attach a clean, potable water hose from the outlet port of the Clearsource Ultra system to your RV's freshwater inlet. Hand-tighten and secure with the wrench.
5. **Flush the System:** Before connecting to your RV, slowly turn on the water supply and allow water to flow through the system and out the RV connection hose for several minutes. This flushes out any carbon fines and air from the filters.
6. **Check for Leaks:** After flushing, inspect all connections for any signs of leaks. Tighten as necessary.

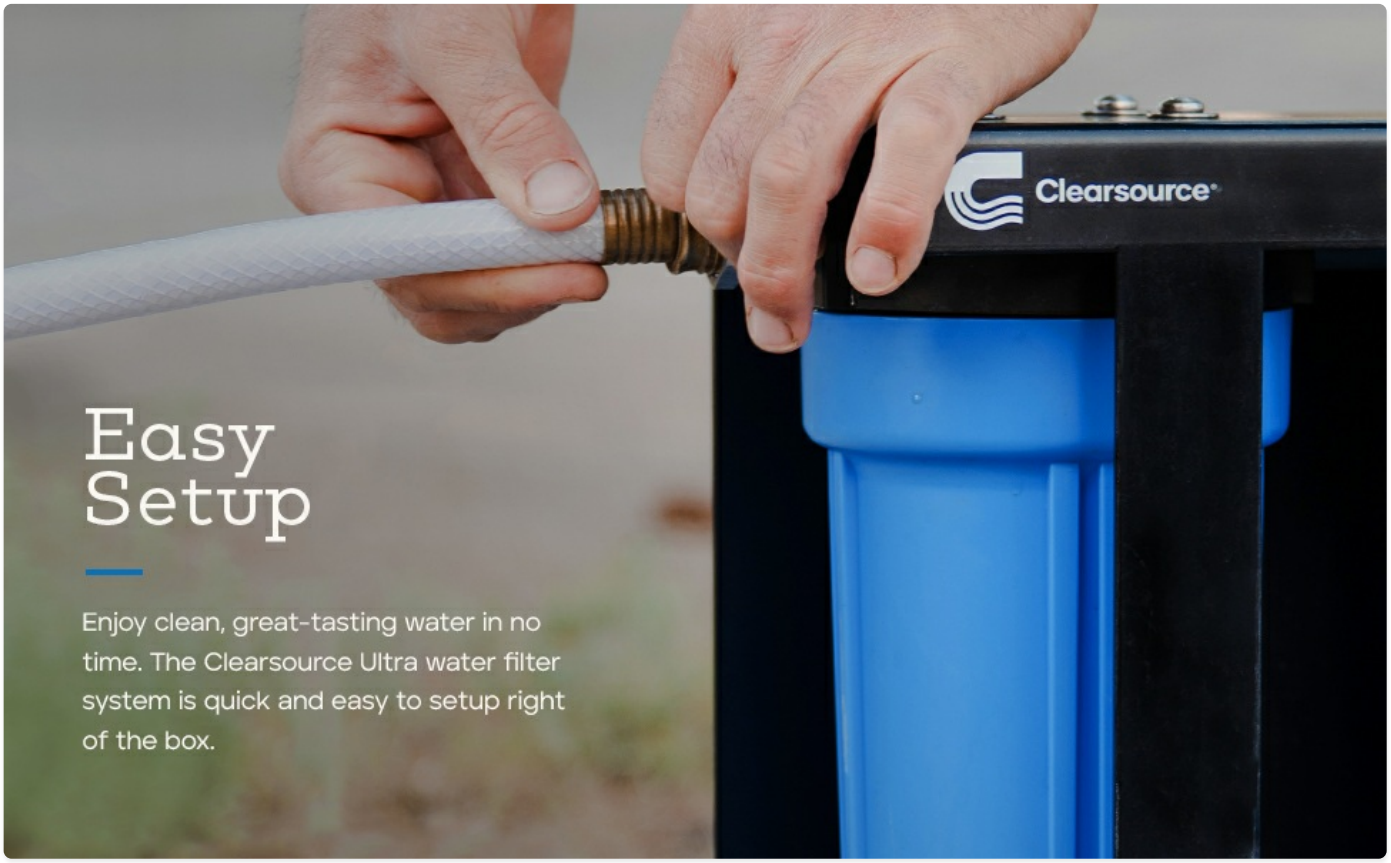


Image: A close-up of hands connecting a water hose to the inlet of the Clearsource Ultra RV Water Filter System, demonstrating the ease of setup.

Operation

The Clearsource Ultra RV Water Filter System operates using a three-stage filtration process to ensure comprehensive water purification.

Three-Stage Filtration Process:

1. **First Stage: 5.0 Micron Rust Filter**
   This filter removes or reduces rust and sediment from your water source, protecting subsequent filters and improving overall water clarity.
2. **Second Stage: 0.5 Micron Coconut Shell Carbon Block Filter**
   This stage utilizes activated coconut shell carbon block technology to reduce chemicals and organic compounds, including chlorine, volatile organic compounds (VOCs), pesticides, and solvents. It significantly improves water taste and smell.

3. **Third Stage: VirusGuard™ Filter**
   Unique to Clearsource, this filter employs NASA-developed technology with an electrically charged coating to remove or reduce bacteria (like E. coli), cysts (like Giardia), and all types of viruses.

The system boasts a superior flow rate of 4.5 gallons per minute (gpm), ensuring consistent water pressure even when multiple fixtures are in use.



Image: A visual representation of the three distinct filter cartridges: a 5.0 Micron Rust Filter, a 0.5 Micron Coconut Shell Carbon Block Filter, and a VirusGuard™ Filter, each with descriptions of their filtration capabilities.



Image: A stream of water flowing powerfully from the outlet of the Clearsource Ultra system, illustrating its superior flow rate.

Maintenance

Regular maintenance is crucial for optimal performance of your Clearsource Ultra RV Water Filter System.

Filter Replacement:

Filters should be replaced periodically based on water usage and quality. The lifespan of each filter can vary depending on the sediment and contaminant levels in your water source. It is recommended to replace filters at least once per camping season or more frequently if you notice a decrease in water flow or quality.

- **Replacement Filters:** Genuine Clearsource Replacement Filter Three Pack With VirusGuard is available. Search for ASIN: B08MWSRHRG on Amazon.
- **Replacement Procedure:**
  1. Turn off the water supply to the filter system.
  2. Relieve pressure by opening a nearby faucet.
  3. Use the provided wrench to unscrew each filter canister.
  4. Remove old filters and dispose of them properly.
  5. Clean the inside of the canisters and inspect O-rings for wear. Replace O-rings if necessary.
  6. Insert new filters into their respective canisters (5.0 Micron, 0.5 Micron, VirusGuard™).
  7. Screw the canisters back onto the system head, hand-tightening first, then using the wrench for a snug fit. Do not overtighten.
  8. Slowly turn on the water supply and check for leaks. Flush the system as described in the setup section.

Winterization:

If operating in freezing temperatures, ensure the system is properly drained and stored to prevent damage from ice expansion. Consult your RV's manual for specific winterization procedures related to water systems.

Troubleshooting

This section addresses common issues you might encounter with your Clearsource Ultra RV Water Filter System.

Problem	Possible Cause	Solution
Low Water Flow	Clogged filters, kinked hose, low source pressure	Replace filters if necessary. Ensure all connections are tight and hoses are free of kinks. Verify adequate water pressure from the source.
Leaks	Loose connections, damaged O-rings, improperly seated filters	Tighten all connections, including filter housings. Inspect O-rings for damage or improper seating and replace if worn. Ensure filter canisters are securely hand-tightened.
Unusual Taste or Odor	Exhausted carbon block filter, insufficient flushing	Replace the 0.5 Micron Coconut Shell Carbon Block Filter. Ensure the system was properly flushed after initial installation or filter replacement.

Specifications

Brand: CLEARSOURCE

Model Name: Ultra

Model Number: SYSTM - 00011

Product Dimensions (L x W x H): 18.75" x 7.5" x 15.25"

Item Weight: 32.3 pounds

Material: Metal (powder-coated chassis)

Maximum Flow Rate: 4.5 gpm

Installation Type: Freestanding

Included Components: Canisters, Filters, Wrench

Purification Method: Three-stage (5-micron sediment, 0.5-micron carbon block, VirusGuard™)

Special Features: Chlorine Reduction, VirusGuard™ technology (removes/reduces viruses, bacteria, cysts)

UPC: 854663007193



Image: A diagram showing the precise dimensions (length, width, height) of the Clearsource Ultra RV Water Filter System.

Warranty Information

Information regarding the specific warranty period and terms for the Clearsource Ultra RV Water Filter System is not provided in this manual. Please refer to the product packaging or the official Clearsource website for detailed warranty information.

Customer Support

For technical assistance, replacement parts, or further inquiries regarding your Clearsource Ultra RV Water Filter System, please visit the official CLEARSOURCE website or contact their customer service department. Contact details are typically found on the product packaging or the manufacturer's website.
You can also visit the CLEARSOURCE Store on Amazon for more product information and support resources.

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