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Everpure EV926271

Pentair Everpure H-104 Drinking Water System User Manual

Model: EV926271

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INTRODUCTION

The Pentair Everpure H-104 Drinking Water System brings commercial-grade water filtration technology directly to your home. This system is designed to provide reliable access to cleaner, quality water for drinking and cooking. Utilizing exclusive Micro-Pure® precoat filtration technology, it combines Micro-Pure® and a unique pleated filter membrane to effectively trap particles as small as 0.5 micron. This advanced design ensures a large filtering surface area, extended filter life, and consistent performance.

The H-104 system is NSF/ANSI Standard 53 certified to reduce cysts such as Cryptosporidium and Giardia by mechanical means, and also reduces lead to below EPA standards. It significantly improves water taste and odor by reducing chlorine. Each filter cartridge has a capacity of 1,000 gallons, equivalent to approximately 7,500 bottles of water, operating at a flow rate of 0.5 gallons per minute (gpm).

SYSTEM COMPONENTS

The Pentair Everpure H-104 Drinking Water System (EV926271) includes the following components:

- Filter Head
- Filter Cartridge (H-104)
- All necessary hardware and connectors
- Installation Manual

WATER YOU CAN TRUST



Image: Detailed view of the Pentair Everpure H-104 Drinking Water System components, including the filter head, filter cartridge, plumber tape, angle stop valve adaptor, filter timer, faucet connector, elbow fitting pack restrictor, screws, locking washers, tubing, and manual.

SETUP AND INSTALLATION

Proper installation is crucial for optimal performance and to prevent potential issues. If you are not experienced with plumbing, it is highly recommended to hire a qualified plumber for installation.

Pre-Installation Checklist:

- Ensure all components listed in the "System Components" section are present.
- Verify that the installation space meets the required dimensions: 5"W x 20"H x 5"D.
- Confirm that a separate faucet is available or will be installed for filtered water dispensing.
- Gather necessary tools (not included): adjustable wrench, drill, screwdriver, bucket, towels.

Installation Steps:

1. **Mount the Filter Head:** Select a suitable location under the sink, ensuring enough clearance for cartridge replacement. Securely mount the filter head using the provided screws and locking washers.

2. **Connect Water Lines:** Connect the cold water supply line to the inlet port of the filter head. Connect the outlet port of the filter head to the dedicated filtered water faucet. Use plumber tape on threaded connections to prevent leaks.
3. **Install Filter Cartridge:** Align the new H-104 filter cartridge with the filter head. Push the cartridge fully into the housing and turn it clockwise until it locks securely. Ensure the cartridge is properly seated to prevent leaks.
4. **Flush the System:** Before initial use, slowly turn on the water supply to the system. Open the filtered water faucet and allow water to run for at least 15 minutes to flush out any trapped air and carbon fines. This also ensures proper activation of the filter media.
5. **Check for Leaks:** Carefully inspect all connections for any signs of leaks. Tighten connections as needed.
6. **Set Filter Timer:** If your system includes a filter timer, set it according to the manufacturer's instructions to track the filter's lifespan.

WATER YOU CAN TRUST



Image: A visual guide to the installation kit, showing the filter head, cartridge, and various connectors. This image helps users identify parts during installation.

H-104 DRINKING WATER SYSTEM

MADE IN THE
USA
OF FOREIGN & DOMESTIC PARTS



CAPACITY
3,780 Litres



Third party
certified

The same commercial quality that makes Pentair® Everpure® the overwhelming choice for water filtration in restaurants is also available for your home. The Pentair Everpure exclusive precoat filtration technology combines Micro-Pure® and a unique pleated filter membrane to trap particles as small as 0.5 micron. This highly engineered design offers the largest* filtering surface area, longer filter life, and consistent performance.

FEATURES • BENEFITS

- ◆ Built-in water shut-off allows for easier cartridge changes
- ◆ Exclusive Micro-Pure filtering material coats the pleated surface inside the cartridge
- ◆ Retains vital minerals found naturally in water to ensure the crisp taste of your water
- ◆ Adsorbs common earthy, moldy, fishy tastes and odors
- ◆ Commercial grade metal canister protects the filter from splitting or bursting
- ◆ Reduces particles as small as 0.5 micron in size by mechanical means
- ◆ Helps prevent lime and scale build up in water-using appliances

SUBSTANCE REDUCTION

- ◆ Lead
- ◆ Chlorine taste & odor
- ◆ Dirt and cloudiness
- ◆ NSF/ANSI Standard 53 certified to reduce cysts such as *Cryptosporidium* and *Giardia* by mechanical means



SPECIFICATIONS

- ◆ Flow rate controlled at 0.5 gpm (1.9 Lpm)
- ◆ Temperature 35-100° F (2-38° C) cold water use only
- ◆ Pressure 10-125 psi (0.7-8.6 bar) non-shock
- ◆ Capacity 1,000 gal. (3,780 L)
- ◆ Required Space 5W x 20H x 5D in 13W x 51H x 13D cm

*The largest filtering surface area compared with standard Pentair carbon block filters of the same size.



Image: The Pentair Everpure H-104 system installed neatly under a kitchen sink, demonstrating its space-saving design. The image highlights the compact footprint of the unit.

OPERATION

Once installed and flushed, your Pentair Everpure H-104 system is ready for use. Simply open your dedicated filtered water faucet to dispense clean, filtered water.

Key Operational Features:

- **Flow Rate:** Water is dispensed at a controlled flow rate of 0.5 gpm (1.9 Lpm).
- **Temperature Range:** Designed for cold water use only, within a temperature range of 35-100°F (2-38°C).
- **Pressure Range:** Operates effectively within a pressure range of 10-125 psi (0.7-8.6 bar) non-shock.

MAINTENANCE

Regular maintenance ensures the longevity and effectiveness of your water filtration system.

Filter Cartridge Replacement:

- The H-104 filter cartridge has a capacity of 1,000 gallons or should be replaced every 12 months, whichever comes first.
- A filter timer (if included) will indicate when replacement is due.
- **Replacement Procedure:**
 - a. Turn off the water supply to the filter system.
 - b. Open the filtered water faucet to relieve pressure.
 - c. Twist the old cartridge counter-clockwise to remove it. A strap wrench may be helpful if the cartridge is tight.
 - d. Insert the new cartridge, aligning the ridges, and twist clockwise until it locks into place.
 - e. Slowly turn on the water supply and flush the new cartridge for 15 minutes.
 - f. Check for leaks.
 - g. Reset the filter timer.

SPACE SAVING DESIGN!



Image: A close-up of the Pentair Everpure H-104 filter cartridge, showing its design and labeling. This helps users identify the correct replacement cartridge.

TROUBLESHOOTING

Problem	Possible Cause	Solution
Reduced Water Flow	Clogged filter cartridge; low water pressure.	Replace filter cartridge; check household water pressure.
Water Leaks	Loose connections; improperly seated cartridge; damaged O-rings.	Tighten connections; re-seat cartridge; inspect and replace O-rings if damaged.
Unpleasant Taste/Odor	Expired or saturated filter cartridge.	Replace filter cartridge.

Problem	Possible Cause	Solution
No Water Dispensed	Water supply turned off; kinked tubing; completely clogged filter.	Check water supply valve; inspect tubing; replace filter cartridge.

If troubleshooting steps do not resolve the issue, contact customer support for further assistance.

SPECIFICATIONS

- **Model Number:** EV926271
- **Filter Capacity:** 1,000 gallons
- **Micron Rating:** 0.5 micron
- **Flow Rate:** 0.5 gpm (1.9 Lpm)
- **Pressure Requirements:** 10-125 psi (0.7-8.6 bar), non-shock
- **Temperature Range:** 35-100°F (2-38°C)
- **Dimensions (System):** 5"D x 5"W x 15"H (Installation space required: 5W x 20H x 5D inch)
- **Material:** Commercial grade metal container
- **Certifications:** NSF/ANSI Standard 53 certified (for reduction of cysts, lead, chlorine taste & odor)
- **Manufacturer:** Pentair
- **Country of Origin:** Made in the USA

UP TO 99% REMOVAL RATE



Sediment



Cysts

NSF/ANSI Standard 53 Certified to reduce cysts such as Cryptosporidium and Giardia by mechanical means.



Taste &
Odor



Chlorine
Taste & Odor



Sand &
Dirt



Rust
Particles

Image: An infographic detailing the features, benefits, substance reduction capabilities, and technical specifications of the H-104 Drinking Water System.

5x THE FILTERING SURFACE AREA OF CARBON FILTERS



Image: A visual representation of the H-104's filtration capabilities, showing a 99% removal rate for lead, sediment, cysts, taste & odor, chlorine taste & odor, sand & dirt, and rust particles.

WARRANTY & SUPPORT

Manufacturer's Warranty:

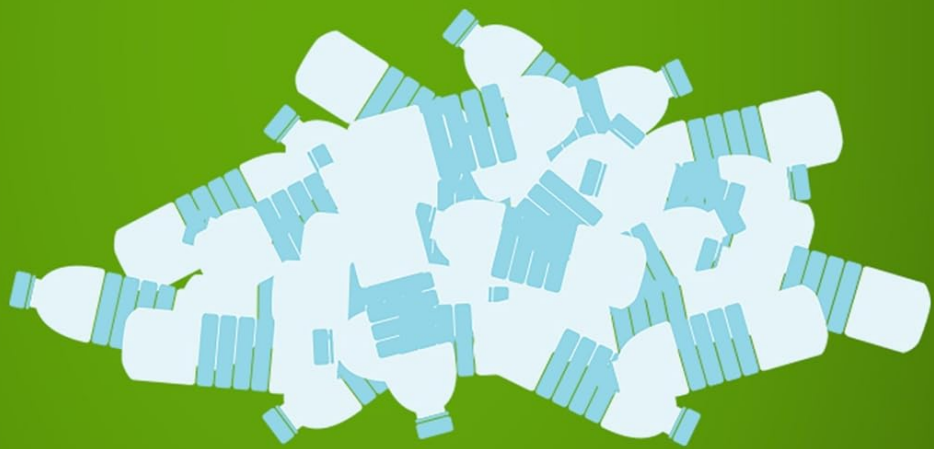
The Pentair Everpure H-104 Drinking Water System is warranted to be free of defects for a full twelve (12) months after purchase. A detailed warranty statement is provided with each system. Please refer to this document for complete terms and conditions.

Customer Support:

For technical assistance, troubleshooting, or warranty claims, please contact Pentair Everpure customer support. Contact information can typically be found on the product packaging or the official Everpure website.



= 7,573 SAVED
WATER BOTTLES



A SUSTAINABLE SOLUTION

Image: This image illustrates the environmental benefit of using the H-104 system, showing that 1,000 gallons of filtered water is equivalent to 7,573 saved water bottles, promoting a sustainable solution.

