



WATER TREATMENT PRODUCTS

2375 Sanders Road • Northbrook, IL 60062 • (847) 205-6000 • FAX (847) 205-6030

H-104 Drinking Water System

PERFORMANCE
DATA SHEET

H-104 Cartridge - Part No. EV961211

IMPORTANT NOTICE: Read this performance data sheet and compare the capabilities of this unit with your actual water treatment needs. It is recommended that, before purchasing a water treatment unit, you have your water supply tested to determine your actual needs.

FEATURES

- Finely polishes treated water to premium quality for drinking and cooking.
- Reduces chlorine taste and odor.
- Reduces dirt, rust, asbestos fibers, and other particulates such as oxidized iron, manganese, and sulfides.
- Reduces parasitic protozoan cysts such as *Giardia*, *Entamoeba*, *Cryptosporidium*.
- Reduces common earthy, moldy, fishy tastes and odors.
- Reduces lead to below the Federal Action Level of 10 ppb.
- Inhibits limescale buildup in water-using appliances – As tested by Everpure.

HEALTH CLAIM PERFORMANCE CERTIFIED BY NSF/ANSI*

This system has been tested according to ANSI/NSF 42 and 53 for the 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 ANSI/NSF 42 and 53.

Substance	Influent Challenge Concentration	Max. Permissible Product Water Concentration	Reduction Requirements	Minimum Reduction	Average Reduction
AESTHETIC EFFECTS					
Chlorine	2.0 mg/L ± 10%		≥ 50%		96.8%
Particulate, Class I Particles 0.5 - 1 µm	at least 10,000 particles/mL		≥ 85%		99.9%
HEALTH EFFECTS					
Asbestos	10 ⁷ to 10 ⁸ fibers/L	> 10 micrometers in length	99%	99.86%	99.86%
Cyst	Minimum 50,000/L		99.95%	99.99%	99.99%
Turbidity	11 mg/L ± 1 NTU	0.5 NTU		99%	99.3%
Lead 8.5	0.15 mg/L ± 10%	0.010 mg/L		98.3%	99.1%
Lead 6.5	0.15 mg/L ± 10%	0.010 mg/L		97.2%	98.5%

*Tested using flow rate = 0.5 gpm; pressure = 60 psig; pH = 7.5 ± 0.5; temp. = 20° ± 2.5°C

†NTU = Nephelometric Turbidity Units

OPERATING SPECIFICATIONS

- Capacity: 1,000 gallons (3,780 L)
- Pressure requirement: 10-125 psi (0.7 - 8.6 bar), non-shock
- Temperature: 35-100°F (2-38°C)
- Flow Rate: 0.5 gpm (1.9 Lpm)

GENERAL INSTALLATION/OPERATION/MAINTENANCE REQUIREMENTS

- Space required: 5 x 5 x 20 in. (13 x 13 x 51 cm) including 2-1/2 inches of clear space under unit for cartridge change.
- Install vertically with cartridge hanging down.
- Use minimum length of tubing possible.
- Flush new cartridge at full flow for three minutes to purge air.
- Replace cartridges when capacity is reached, or when flow becomes too slow, but at least annually.

SPECIAL NOTICES

- Installation instructions, parts and service availability, and standard warranty are included with the product.
- This drinking water system must be maintained according to manufacturer's instructions, including replacement of filter cartridges. Suggested retail \$89.75.
- Do not use with water that is microbiologically unsafe, or of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected waters that may contain filterable cysts.
- The contaminants or other substances removed or reduced by this water treatment system are not necessarily in your water.
- Check for compliance with state and local laws and regulations.
- Tested under standard laboratory conditions, actual performance may vary.



NSF's Certification Program is accredited by the American National Standards Institute

NSF's Certification Program is accredited by the Dutch Council for Accreditation

System Tested and Certified by NSF International against ANSI/NSF Standard 42 and 53 for the reduction of:

- Standard No. 42: Aesthetic Effects
 Chemical Unit
 Taste and Odor Reduction
 Chlorine Reduction
 Mechanical Filtration Unit
 Particulate Reduction, Class I:
 99.9+% reduction of particles one-half micron and larger in size
- Standard No. 53: Health Effects
 Chemical Reduction Unit
 Lead Reduction
 Mechanical Filtration Unit
 Turbidity Reduction
 Cyst Reduction
 Asbestos Reduction

Validated by WQA according to ANSI/NSF 42 and 53 for the claims listed by NSF International.

State of California
 Department of Health Services
 Water Treatment Device
 Certificate Number
 97 - 1310

Date Issued: November 4, 1997

Trademark/Model Designation	Replacement Elements
Everpure H-104 Drinking Water System	H-104 Cartridge
Manufacturer: Everpure, Inc.	

The water treatment device(s) listed on this certificate have met the testing requirements pursuant to Section 116830 of the Health and Safety Code for the following health related contaminants:

Microbiological Contaminants and Turbidity	Inorganic/Biological Contaminants
Cysts (protozoan) Turbidity	Asbestos
Organic Contaminants	
None	

Rated Service Capacity: 1000 gallons Rated Service Flow: 0.5 gpm

Do not use where water is microbiologically unsafe or with water of unknown quality, except that systems claiming cyst reduction may be used on water containing cysts.

 (BUYER)

 (SELLER)

 (DATE)