



# WATER TREATMENT PRODUCTS

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

## H-54 Drinking Water System

PERFORMANCE  
DATA SHEET

H-54 Cartridge - Part No. EV973006

**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 tested to determine your actual treatment 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*.
- Adsorbs 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
<b>AESTHETIC EFFECTS</b>					
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%
<b>HEALTH EFFECTS</b>					
Asbestos	10 <sup>7</sup> to 10 <sup>8</sup> 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: 750 gallons (2,839 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 when shipped.
- This drinking water system must be maintained according to manufacturer's instructions, including replacement of filter cartridges. Suggested list price: \$79.75.
- 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 - 1308

Date Issued: November 4, 1997

Trademark/Model Designation	Replacement Elements
Everpure H-54 Drinking Water System	H-54 Cartridge (9730-01)
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/Radiological Contaminants
Cysts (protozoa) Turbidity	Asbestos Lead
Organic Contaminants	
None	

Rated Service Capacity: 750 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.

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 (BUYER)

\_\_\_\_\_  
 (SELLER)

\_\_\_\_\_  
 (DATE)