



# WATER TREATMENT PRODUCTS

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## S-54 Drinking Water System

### PERFORMANCE DATA SHEET

S-54 Cartridge - Part No. 9720-01

**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 disinfectant chlorine and chloramines
- Reduces dirt, rust, asbestos fibers, and other particulates including oxidized iron, manganese, and sulfides
- Reduces parasitic protozoan cysts including Giardia, Entamoeba, Cryptosporidium
- Adsorbs common earthy, mouldy, fishy tastes and odours
- Reduces lead to below the Federal Action Level of 15 ppb

### HEALTH CLAIM PERFORMANCE CERTIFIED BY NSF/ANSI\*

(100% safety factors built in for unmetered usage)

Parameter	USEPA MCL	Average Influent ppb	Average Effluent ppb	Maximum Effluent ppb	Minimum Reduction	Percent Reduction
<b><u>ÆSTHETIC EFFECTS</u></b>						
Chlorine (ppm)	-	1.97	0.06	-	-	97%
T&O	-	-	-	-	-	-
Particles 0.5-1.0 um	-	447,168	567	-	-	99.9%
<b><u>HEALTH EFFECTS</u></b>						
(100% safety factors built in for unmetered usage)						
Turbidity	1 NTU†	23 NTU	0.6 NTU	0.26 NTU	97%	99%
Cysts (3-4 um particles)	99.95% reduction	67,590 particles	8 particles	19 particles	99.97%	99.99%
Asbestos fibers	7 million/L	450 million/L	190,000/L	190,000/L	99.9%	99.9%
Lead at pH 8.5	15	138	3	5	96%	98%
Lead at pH 6.5	15	162	6	11	93%	96%

\*Tested using flow rate = 0.5 gpm; pressure = 60 psig; pH = 7.5 ± 1; temp. = 10-25° C

†NTU = Nephelometric Turbidity Units

### OPERATING SPECIFICATIONS

- Capacity: 750 gallons (2835 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 15 in. (13 x 13 x 38 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 a few 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.
- 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



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

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

State of California  
Department of Health Services  
Water Treatment Device  
Certificate Number  
96-1149

Date Issued: May 2, 1996

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  
Scale Control  
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  
THM Reduction  
Mechanical Filtration Unit  
Turbidity Reduction  
Cyst Reduction  
Asbestos Reduction

Trademark/Model Designation	Replacement Elements
Everpure S-54	S-54
Perfect Choice 4400	4400
Everpure CTS-54	S-54
Manufacturer: Everpure, Inc.	

The water treatment device(s) listed on this certificate have met the testing requirements pursuant to Section 4057.1 of the Health and Safety Code for the following health related contaminants:

Microbiological Contaminants and Turbidity	Inorganic/Radiological Contaminants
Cysts (protozoa) Turbidity	Asbestos Lead
<b>Organic Contaminants</b> None	

Rated Service Capacity: 750 gallons\*

Rated Service Flow: 0.5 gpm

\*1250 gallons capacity when used with a metering device certified for accuracy by NSF International under ANSI/NSF Standard 53.

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)