



WATER TREATMENT PRODUCTS

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S-104 Drinking Water System

PERFORMANCE DATA SHEET

S-104 Cartridge - Part No. 9613-41

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, moldy, fishy tastes and odors
- 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
AESTHETIC EFFECTS						
Chlorine (ppm)	-	1.97	0.06	-	-	97%
T&O	-	-	-	-	-	-
Particles 0.5-1.0 um	-	447,168	567	-	-	99.9%
HEALTH EFFECTS						
(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: 1,000 gallons (3780 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 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

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, Class I

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

(BUYER)

(SELLER)

(DATE)