

Better Waters CX-9000 Drinking Water System

PERFORMANCE DATA SHEET

CX-9000

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
- Takes out disinfectant chlorine and chloramines
- Filters out dirt, rust, asbestos fibers, and other particulates including oxidized iron, manganese, and sulfides
- Takes out 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

PERFORMANCE CERTIFIED BY NSF/ANSI

Parameter	Official Standard ppb	Average Challenge ppb	Average Effluent ppb	Average Reduction %
Aesthetic Effects (Chlorine/T&O 9ppm)	--	1.97	0.06	97
Particles 0.5-1.0 um	--	447,168	567	99.9

HEALTH EFFECTS

(100% safety factors built in for unmetered usage)

Contaminant	Average Influent	Maximum Effluent	Percent Reduction	EPA MCL
Turbidity	23 NTU	0.6 NTU	97	0.5 - 1 NTU [†]
Cysts (3-4 um particles)	67,590 particles	19 particles	99.97	99.95% reduction
Asbestos fibers	13 million/L	<62,000/L	99.5	7 million/L
Lead at pH 8.5	138	5	96	15
Lead at pH 6.5	162	11	93	15

*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: certified for 1500 gallons (5670 L)
- Pressure requirement: 10-125 psi (0.7 - 8.6 bar), non-shock
- Temperature: 35-100°F (2-38°C)
- Flow Rate: controlled at 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, as well as 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 INTERNATIONAL STANDARDS

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
1/2 micron and larger in size



Tested and Certified
to ANSI/NSF
Standards 42 & 53

Standard No. 53: Health Effects

Chemical Reduction Unit

Lead Reduction

Mechanical Filtration Unit

Turbidity Reduction
Cyst Reduction
Asbestos Reduction



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



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

The Better Waters CX-9000 Drinking Water System and Professional 250 cartridge have been tested and Certified by NSF only for the functions listed immediately above.