



WATER TREATMENT PRODUCTS

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QL1-ZIP Water Filter

Zip Filter Cartridge No: 91240 Sub-Micron.

PERFORMANCE DATA SHEET

FEATURES

- Finely polishes treated water to premium quality.
- Reduces chlorine taste and odors.
- 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.
- Protects water-using equipment.
- Inhibits common limescale formation – As tested by Everpure.

HEALTH CLAIM PERFORMANCE CERTIFIED BY NSF/ANSI*

This system has been tested according to NSF/ANSI 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 NSF/ANSI 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%		95.7%
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 ± 1 NTU	0.5 NTU		99%	99.3%

*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: 5678 Liters (1500 gal.)
- Pressure requirement: 70/875 kPa (10-125 psi)
- Temperature: 2-38°C (35-100°F)
- Flow Rate: 1.9 Lpm (0.5 gpm)

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 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.
- 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.
- Tests run under standard laboratory conditions. Actual performance may vary.

**System Tested and Certified by NSF
International against NSF/ANSI Standards 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

Mechanical Filtration Unit

Turbidity Reduction

Cyst Reduction

Asbestos Reduction

