

WATER TREATMENT PRODUCTS

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PERFORMANCE DATA SHEET

4DC WATER FILTERS

4DC Cartridge - Part No. EV9601-46

FEATURES

- Finely polishes treated water to premium quality.
- Reduces chlorine taste and odor.
- Reduces dirt, rust and other particulates such including sulfides (oxidized iron and manganese - As tested by Everpure).
- Reduces parasitic protozoan cysts such as *Giardia*, *Entamoeba*, *Cryptosporidium*.
- Reduces common earthy, moldy, fishy tastes and odors.
- Treated with bacteriostats to effectively reduce the growth of bacteria in the cartridge – 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
Standard 42—Aesthetic Effects					
Chlorine	2.0 mg/L ± 10%		≥ 50%		96.8%
Particulate, Class I particles 0.5 to <1 µm	at least 10,000 particles/mL		≥ 85%		97.9%
Standard 53—Health Effects					
Cyst	Minimum 50,000/L		99.95%	99.99%	99.99%

* Tested using flow rate = 0.5 gpm; pressure = 60 ± 3 psig; pH = 7.5 ± 0.5; temp. = 20° ± 3°C

OPERATING SPECIFICATIONS

- Pressure requirement: 10-125 psi (0.7 - 8.6 bar), non-shock
- Temperature: 35-100°F (2-38°C)

SYSTEM MAX FLOW RATE CAPACITY SPACE REQUIREMENTS

System	Max Flow Rate	Capacity	Space Requirements
QL3-4DC	0.5 GPM (1.9 lpm)	1,500 gal. (5,677 L)	18"H x 5"W x 5"D
QL3B-4DC	0.5 GPM (1.9 lpm)	1,500 gal. (5,677 L)	18"H x 5"W x 5"D

GENERAL INSTALLATION/OPERATION/MAINTENANCE REQUIREMENTS

- Space required: 4 x 4 x 18 in. (10 x 10 x 46 cm) including 2½ inches of clear space under unit for cartridge change.
- Install vertically with cartridge hanging down.
- Use minimum length of tubing possible.
- Flush to drain for five 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.
- Tested under standard laboratory conditions. Actual performance may vary.



System Tested and Certified by NSF International against NSF/ANSI Standard 42 and 53 for the reduction of:

Std. No. 42—Aesthetic effects	Std. No. 53—Health effects
Chemical Reduction	Mechanical Filtration
Taste & Odor	Cyst
Chlorine	
Mechanical Filtration	
Nominal Particulate Class I	

Buyer

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Seller

Date

EV7012-94 Rev E DE08