

VOC300 Drinking Water System by GE

The same quality that is the overwhelming choice for water filtration in restaurants is also available for your home. The VOC300 Drinking Water System by GE uses an exclusive precoat filtration technology, the combination of a unique Micro-Pure® filtering material with a pleated filter membrane, to remove particles as small as 1/2 micron from your water.

The pure solution

This system improves water to premium quality so that it is sparkling and free of unwanted tastes and odors. You'll taste the difference in every sip and everything made with water will taste better, too.

The sensible solution

The filtration design reduces lead amounts in your water – below the Federal Action Level of 10 ppb – as well as parasitic contaminants and other microscopic particles that may be in your water supply.

The convenient solution

The VOC300 Drinking Water System by GE is easily installed using common household tools. The system mounts under your sink and is plumbed to a separate filter faucet. And cartridge replacement is easy, too – just like changing a light bulb.

The practical solution

At only pennies per gallon, this system is less expensive per glass than bottled water or other drinking water systems and provides about a year's supply of water, depending on the size of your family and the amount of water you drink.

The best solution

The VOC300 Drinking Water System by GE features a highly engineered design and offers a larger filtering surface area, longer filter life and superior performance. It's water filtration you can trust.



The VOC300 Drinking Water System by GE reduces the following contaminants:

- Lead
- Asbestos fibers*
- Cysts such as Giardia lamblia, Entamoeba histolytica and Cryptosporidium parvum
- Volatile Organic Chemicals (VOCs), including Trihalomethanes (THMs)

And the following substances:

- Chlorine taste and odor
- Dirt, rust and cloudiness*
- Mold and algae*
- Oxidized iron*
- Oxidized manganese*
- Oxidized sulfides*
- Particles 1/2 micron and larger in size

*As tested by Pentair Residential Filtration, LLC.



imagination at work

Specifications

This drinking water system must be maintained according to the manufacturer's instructions, including replacement of filter cartridges. The substances reduced or removed by this system are not necessarily in your water. Please read the system's performance data sheet for more information.

Flow Rate:

Controlled at 0.5 gal./min. (1.9 L/min.)

Temperature:

35-100°F (2-38°C) cold water use only

Pressure:

10-125 psi (0.7-8.6 bar), non-shock

Capacity:

300 gal. (1,136 L)

Installation

- Space required: 5 x 5 x 22 in. (13 x 13 x 56 cm) including 2½ inches (6.5 cm) of clear space under unit for cartridge change.
- Install vertically with cartridge hanging down.
- Use shortest length of tubing possible.
- Flush new cartridge at full flow for three minutes to purge air.

Note: A separate drinking water faucet is required.

Water quality

- It is recommended that before purchasing a water treatment unit, you have your water tested to determine your actual treatment needs.
- 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 water that may contain filterable cysts.

Maintenance

Replace cartridges when capacity is reached, or when flow becomes too slow, but at least annually.

For sales, replacement components and service, contact your authorized Drinking Water Systems by GE Dealer.

Systems manufactured by:
Pentair Residential Filtration, LLC
5730 N. Glen Park Rd.
Milwaukee, WI 53209-4454
(262) 238-4400 (800) 279-9404



The VOC300 Drinking Water System by GE leaves vital minerals found naturally in water, so you get the best tasting water possible.

- 1 Exclusive Micro-Pure® filtering material coats the entire pleated surface inside the cartridge – removes particles 1/2 micron (1/50,000 of an inch) and larger for the entire rated life of the cartridge.
- 2 Signature metal canister delivers commercial-grade durability and quality and protects the filter system from splitting or bursting. It's lined with a food-grade polymer that prevents the water from coming in contact with the metal.
- 3 Dual-stage filtration design ensures maximum reduction of contaminants.

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
<i>Standard 42 – Aesthetic Effects</i>					
Chlorine	2.0 mg/L ± 10%	–	≥ 50%	–	87.8%
Particulate, Class I Particles 0.5 to <1 µm	at least 10,000 particles/mL	–	≥ 85%	–	97.9%
<i>Standard 53 – Health Effects</i>					
Cyst	Minimum 50,000/L	–	99.95%	99.99%	99.99%
Lead 6.5†	0.15 mg/L ± 10%	0.010 mg/L	–	99.3%	99.3%
Lead 8.5†	0.15 mg/L ± 10%	0.010 mg/L	–	95.3%	98.6%
Chloroform† (VOC surrogate chemical)	0.300 mg/L ± 10%	0.015 mg/L	–	99.6%	99.8%

*Tested using flow rate = 0.5 gpm and 1.67 gpm; pressure = 60 ± 3 psig; pH = 7.5 ± 0.5; temp. = 20° ± 3°C

†VOC300 only. Lead and VOC claims only valid with use of fitting with flow control at 0.5 gpm (p/n EV3081-32).

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

Standard No. 42 – Aesthetic Effects

Chemical Reduction

- Taste and Odor
- Chlorine

Mechanical Filtration

- Nominal Particulate Class 97.9% reduction of particles one-half micron and larger in size

Standard No. 53 – Health Effects

Chemical Reduction

- VOC (VOC300 only)†
- Lead (VOC300 only)†

Mechanical Filtration

- Cyst



Warranty

VOC300 Drinking Water Systems by GE are warranted to be free of defects for a full twelve (12) months after purchase. A detailed warranty statement is provided with each system.

Micro-Pure® and the silver canister color are registered trademarks of Pentair Filtration Solutions, LLC.



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