VP-100-QC Drinking Water System

Featuring ViruPure™ Microfiltration Technology

Product Specifications

The same commercial quality that makes Everpure® the overwhelming choice for water filtration in restaurants is also available for your home. ViruPure™, Everpure's unique microfiltration technology, provides the ultimate in drinking water quality and purification. This highly engineered design, certified by NSF International as a microbiological purifier, offers protection against bacteria, viruses and other harmful contaminants.

The Everpure ViruPure Multi-Stage Purifying Systems using the V-500 cartridge reduce the following contaminants:

- Bacteria
- Virus
- Particulates
- Cysts such as Cryptosporidium,Entamoeba and Giardia
- Volatile Organic Chemicals (VOCs)
- Lead
- MTBE
- TTHM
- Chlorine Taste and Odor
- Chloramine

Features

- Unique ViruPure hollow membrane technology reduces bacteria, virus, particulates and cysts such as Cryptosporidium, Entamoeba and Giardia as small as 19 nm (0.019 microns).*
- Everpure's signature metal canister delivers commercial grade durability and quality while protecting 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.
- Built-in water shut off
- Controls even extreme levels of common "off" tastes and odors, including those which are earthy, moldy and fishy
- Our systems leave vital minerals found naturally in water, so you get the best tasting water possible
- A special additive prevents limescale build-up in water-using appliances*

Specifications

- **Flow rate** controlled at 0.5 gpm (1.9 lpm)
- **Temperature** 35-100°F (2-38°C) cold water use only
- **Pressure** 10-125 psi. (0.7-8.6 bar), non-shock
- **Capacity** 500 gal. (1,136 L)

*As tested by Everpure, LLC

Commercial grade water filtration for the home

Pentair Residential Filtration, LLC
5730 North Glen Park Rd.
Milwaukee, WI 53209
Customer Care: 800.279.9404

EVERPURE®
WATER YOU CAN TRUST®

VP-100-QC Drinking Water System
V-500 Cartridge

Part No. EV979827
Part No. EV979826

Product Specifications

General Installation/Operation/Maintenance Requirements

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. Read the performance data sheet

- It is recommended that before purchasing a water treatment unit, you have your water tested to determine your actual treatment needs
- Install vertically with cartridge hanging down
- Space required: 5H x 5W x 22D in (13H x 13W x 56D cm) including 2-1/2 inches of clear space under unit for cartridge change
- A separate drinking water faucet is required
- Replace cartridge when capacity is reached, or when flow becomes too slow, but at least annually

Health Claim Performance Certified by NSF/ANSI*

This system has been tested according to NSF/ANSI 42/53 and protocol P231 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 42/53 and protocol P231.

Substance	Influent Challenge Concentration	Max. Permissible Product Water Concentration	Reduction Requirements	Minimum Reduction	Average Reduction
Standard 42- Aesthetic Effects					
Chlorine	2.0 mg ± 10%	–	≥ 50%	–	98.4%
Chloramine	3.0 mg ± 10%	0.5 mg/L	–	–	98.4%
Particulate, Class I					
Particles 0.5 - <1 µm	at least 10,000 particles/mL	–	≥ 85%		99.9%
Standard 53- Health Effects					
Turbidity†	11 ± 1 NTU	0.5 NTU	–	99.1%	99.1%
Cyst	Minimum 50,000/L	–	99.95%	99.99%	99.99%
Lead 6.5	0.15 mg/L ± 10%	0.010 mg/L	–	99.35%	99.4%
Lead 8.5	0.15 mg/L ± 10%	0.010 mg/L	–	97.31%	99.3%
Methyl terbutyl ether	0.015 mg/L ± 10%	0.015 mg/L	–	94%	99.6%
Chloroform	0.307 mg/L	0.015 mg/L	–	99.84%	99.8%
TTHM (as Chloroform) *(VOC surrogate chemical)*	0.45 mg/L ± 20%	0.080 mg/L	–	TBD	92.3%
Protocol P231 – Microbiological Water Purifiers					
Bacteria Raoultella terringena (ATCC-33257)	2.8 x 107/100 mL	–	> 99.9999%	6 log	7.43 log
Virus MS-2 (ATCC-15597-B1	4.3 x 104/mL	–	> 99.99%	4 log	4.64 log

**Tested using flow rate=0.5gpm; pressure=60 psig; pH=7.5 ±0.5; temp.=20°C ±2.5°C*
†NTU=Nephelometric Turbidity Units

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

Standard No. 42 Aesthetic Effect:
Chemical Reduction
- Taste and Odor
- Chlorine Taste and Odor
- Chloramine

Mechanical Filtration
- Particulate Reduction: Class I

Standard No. 53 Health Effects:
Chemical Reduction
- VOC
- MTBE
- Lead
- TTHM

Mechanical Filtration
- Cyst
- Turbidity

System is Certified by NSF International against NSF P231 - Microbiological Water Purifiers based on the recommendations set fourth in the USEPA Guide Standard and Protocol for Microbiological Water Purifiers (OPP Task Force Report, 1987).

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

It's water filtration you can trust

THE PURE SOLUTION
Our products polish water to premium quality so that water 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
Our filters reduce lead amounts in your water – below the Federal Action Level of 10 ppb – as well as parasitic protozoan cysts and other microscopic particles that may be in your water supply.

THE CONVENIENT SOLUTION
Everpure systems are easily installed using common household tools. Our systems mount under your sink and are 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.

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