

EVERPURE® V-500 VIRUPURE™ DRINKING WATER SYSTEM

PROTECTION AGAINST BACTERIA, VIRUSES AND OTHER HARMFUL SUBSTANCES



EV979827

The same commercial quality that makes Pentair® Everpure the overwhelming choice for water filtration in restaurants is also available for your home. ViruPure, a unique Pentair Everpure 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 substances.

FEATURES/BENEFITS

Includes ViruPure microfiltration technology

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)*

Controls even extreme levels of common "off" tastes and odors, including those which are earthy, moldy and fishy

Built-in water shutoff

The Pentair Everpure 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.

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*

SUBSTANCE REDUCTION

Bacteria
Virus
Particulates
Cysts such as *Cryptosporidium*, *Entamoeba* and *Giardia*
Volatile Organic Chemicals (VOCs)
Lead
MTBE
TTHM
Chlorine taste & odor
Chloramines

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)



See back for rating

*As tested by Everpure, LLC.

ORDERING INFORMATION

MODEL	PART NO	DESCRIPTION
V-500	EV979827	ViruPure™ drinking water system
V-500	EV979826	Cartridge

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

Space required: 22H x 5W x 5D in (56H x 13W x 13D cm) including 2-1/2 inches of clear space under unit for cartridge change

A separate drinking water faucet is required

Install vertically with cartridge hanging down

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)	0.45 mg/L ± 20%	0.080 mg/L	–	TBD	92.3%
Protocol P231 – Microbiological Water Purifiers					
Bacteria <i>Raoultella terrigena</i> (ATCC-33257)	2.8 x 10 ⁷ /100 mL	–	> 99.9999%	6 log	7.43 log
Virus MS-2 (ATCC-15597-B1)	4.3 x 10 ⁴ mL	–	> 99.99%	4 log	4.64 log


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

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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.

	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 & 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).
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5730 NORTH GLEN PARK ROAD, MILWAUKEE, WI 53209
 P: 262.238.4400 | F: 262.518.4404 | WWW.PENTAIRAQUA.COM | CUSTOMER CARE: 800.279.9404

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