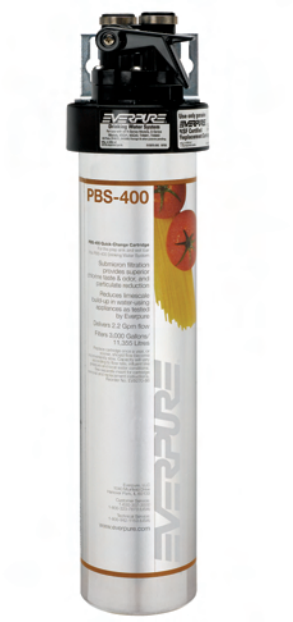
PBS-400

product specifications

Commercial grade filtration system for the prep sink and wet bar

The same commercial quality that makes Everpure® the overwhelming choice for water filtration in restaurants is also available for your entire home, including the kitchen and wet bar. Everpure's PBS-400 introduces great-tasting, crisp, clean filtered water at the prep sink for washing and preparing vegetables and fruits, at the potfiller for making pasta, soups and sauces, and at the wet bar for mixing drinks and making ice. Everpure's highly engineered submicron design rids water of unwanted lead, particulate and chemical impurities, and provides a fast, convenient water flow that won't slow you down.



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 15 ppb — as well as cysts and other microscopic particles that may be in your water.

the convenient solution

The PBS-400 is easily installed using common household tools. This system mounts under your sink and is plumbed to your standard prep sink faucet, pot filler, or wet bar faucet. And cartridge replacement is easy too.

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 use.

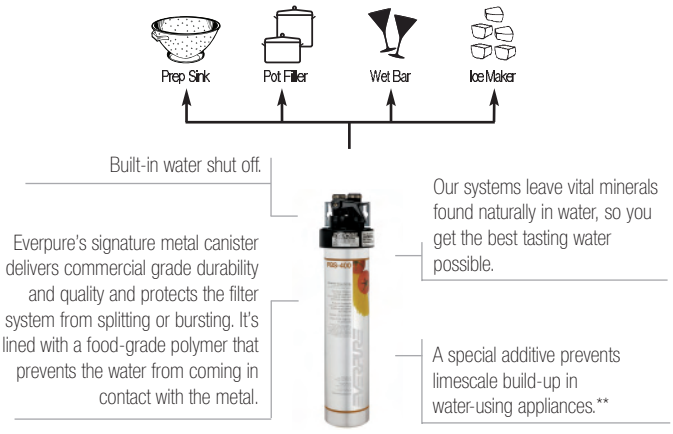
The Everpure PBS-400 Drinking Water System for the prep sink and wet bar reduces the following contaminants:

> Lead
> Cysts such as Giardia lamblia, Entamoeba histolytica and Cryptosporidium parvum

And the following substances:

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

The PBS-400 delivers water at a 2.2 gal/min flow, so it's designed for filtering the water at your prep sink, pot filler and wet bar.



*As tested by Everpure, LLC
**As tested by KDF® Fluid Treatment,Inc.

EVERPURE®
WATER YOU CAN TRUST®

PBS-400

product specifications

Commercial grade filtration system
for the prep sink and wet bar

PBS-400 System – Part No. EV9270-85
PBS-400 Cartridge – Part No. EV9270-86

Features:

> Finely polishes treated water to premium quality for drinking, cooking, and making ice.
> Reduces dirt, rust, and other particulates such as oxidized iron, manganese, and sulfides.
> Reduces chlorine taste and odor.
> Reduces parasitic protozoan cysts such as Giardia, Entamoeba, and Cryptosporidium.
> Reduces common earthy, moldy, fishy tastes, and odors.
> Reduces lead to below the Federal Action Level.
> Inhibits limescale build-up in water-using appliances — as tested by Everpure.

General Installation/Operation/Maintenance Requirements:

> It is recommended that before purchasing a water treatment unit, you have your water tested to determine your actual treatment needs.
> Space required: 5 x 5 x 20 in. (13 x 13 x 51 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.
> 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.
> System comes complete with filter cartridge, head, fittings, and tubing.

HEALTH CLAIM PERFORMANCE CLASSIFIED BY UL

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%		98%
Particulate, Class I particles 0.5 to <1 µm	at least 10,000 particles/mL		≥ 85%		99.8%
Standard 53—Health Effects					
Cyst	Minimum 50,000/L		99.95%	99.99%	99.99%
Lead 8.5	0.15 mg/L ± 10%	0.010 mg/L		94.1%	97.2%
Lead 6.5	0.15 mg/L ± 10%	0.010 mg/L		98.9%	98.9%
Turbidity	11±1 NTU	0.5 NTU		98%	99%

†NTU = Nephelometric Turbidity Units

CLASSIFIED UL
WATER QUALITY ANSI/NSF STANDARDS 42 and 53

System Tested and Classified by Underwriters Laboratories against NSF/ANSI Standards 42 and 53 as verified and substantiated by test data for the reduction of:

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

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.

flow rate
Controlled at 2.2 gal./min. (8.3 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
3,000 gal. (11,356 L)

everpure 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.

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