

# EVERPURE PBS-400 DRINKING WATER SYSTEM

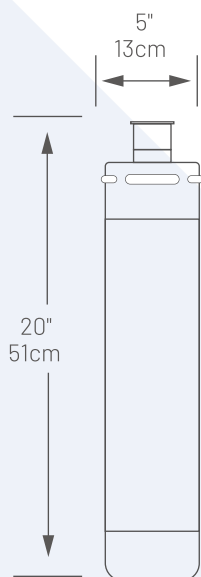


PBS-400 Drinking Water System

The NSF-certified PBS-400 provides fresh, restaurant-grade water perfect for drinking & cooking, ensuring that your every family meal is enjoyable. Packing a compact and flexible design, PBS-400 is highly efficient with one of the most superior water flow in the market.

## FEATURES • BENEFITS

- ◆ Built-in water shut-off allows for easier cartridge changes
- ◆ Retains vital minerals found naturally in water to ensure the health benefits and delicious taste of your water
- ◆ Adsorbs common earthy, moldy, fishy tastes, and odors
- ◆ Commercial grade metal canisters protects the filter from splitting or bursting. It's food-grade polymer lining prevents water from contacting the metal
- ◆ Helps prevent lime and scale build up in water appliances



## SUBSTANCE REDUCTION

- ◆ Lead
- ◆ NSF/ANSI Standard 53 certified to reduce cysts such as *Cryptosporidium* and *Giardia* by mechanical means
- ◆ Chlorine taste & odor
- ◆ Dirt and cloudiness\*
- ◆ Reduce particles as small as 0.5 micron in size by mechanical means

## SPECIFICATIONS

- ◆ **Flow rate**  
controlled at 2.2 gpm (8.3 Lpm)
- ◆ **Capacity**  
3,000 gallons (11,356 L)
- ◆ **Working pressure**  
10~125psi, non-shock (0.7~8.6 bar)
- ◆ **Temperature**  
35~100°F (2~38°C)
- ◆ **Overall dimension**  
20"H x 5"D (51cm x 13cm)

\*As tested by Everpure, LLC

# EVERPURE PBS-400 DRINKING WATER SYSTEM

## GENERAL INSTALLATION/OPERATION/MAINTENANCE REQUIREMENTS

- ◆ Install vertically with cartridge hanging down
- ◆ Use minimum length of tubing possible
- ◆ Space required: 20H x 5W x 5D in (51H x 13W x 13D cm) including 2-1/12 inches of clear space under unit for cartridge change
- ◆ Flush new cartridge at full flow for three minutes to purge air
- ◆ Recommended service life of the cartridge: 6 - 12 months
- ◆ The service life is a recommended replacement cycle, and the actual lifespan of a cartridge may vary in accordance with the actual water consumption and local tap water quality
- ◆ Replace cartridge when capacity is reached, or when flow becomes too slow.
- ◆ To ensure optimum water filtration, cartridges should be changed annually
- ◆ Always flush the filter cartridge at time of installation and cartridge change
- ◆ 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.
- ◆ 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.

### HEALTH CLAIM PERFORMANCE CERTIFIED BY NSF\*

This system has been tested according to NSF/ANSI 42 and 53 for 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
<b>Standard 42 - Aesthetic Effects</b>					
Chlorine	2.0 mg ± 10%	-	≥ 50%	-	98%
Particulate, Class I					
Particles 0.5 - < 1 µm	at least 10,000 particles/mL	-	≥ 50%		99.8%
<b>Standard 53 - Health Effects</b>					
Cyst	Minimum 50,000/L	-	99.95%	99.99%	99.99%
Lead 6.5	0.15 mg/L ± 10%	0.010 mg/L	-	98.9%	98.9%
Lead 8.5	0.15 mg/L ± 10%	0.010 mg/L	-	94.1%	97.2%

\*Tested using flow rate = 0.5 gpm; pressure = 60 psig; pH = 7.5 ± 0.5; temp. = 20°C ± 2.5°C  
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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:

<b>Standard No. 42 Aesthetic Effects:</b>	<b>Standard No. 53 Health Effects:</b>
<i>Chemical Reduction</i>	<i>Chemical Reduction</i>
• Taste and Odor	• Lead
• Chlorine Taste & Odor	<i>Mechanical Filtration</i>
<i>Mechanical Filtration</i>	• Cyst
• Particulate Reduction: Class I	

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