

# H-300

product specifications

Commercial grade drinking water system for the home

The same commercial quality that makes Everpure® the overwhelming choice for water filtration in restaurants is also available for your home. Everpure's exclusive precoat filtration technology combines Micro-Pure® and a unique pleated filter membrane to reduce particles as small as 1/2 micron. This highly engineered design offers the largest filtering surface area, longer filter life and consistent performance.

The Everpure H-300 Drinking Water System reduces the following contaminants:

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

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 H-300 delivers bacteriostatic control.\*\*



## 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.

The H-300 features a bacteriostat to combat this growing consumer concern.\*\*

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.

Everpure's 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.



Built-in water shut off.

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.\*\*

Dual stage filtration design ensures maximum reduction of contaminants.

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

**EVERPURE®**  
WATER YOU CAN TRUST®

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H-300 System – Part No. EV9270-70  
H-300 Cartridge – Part No. EV9270-71

## Features

- > Finely polishes treated water to premium quality for drinking and cooking.
- > Reduces chlorine taste and odor and chloramines.
- > Reduces dirt, rust, asbestos fibers and other particulates such as oxidized iron, manganese and sulfides.
- > Reduces parasitic protozoan cysts such as Giardia, Entamoeba, Cryptosporidium.
- > Controls even extreme levels of common "off" tastes and odors, including those which are earthy, moldy and fishy.
- > Reduces lead to below the Federal Action Level of 10 ppb.
- > Effectively reduces Volatile Organic Chemicals (VOCs), including Trihalomethanes (THMs).
- > KDF Media reduces limescale build-up in water-using appliances – as tested by KDF® Fluid Treatment, Inc.
- > KDF Media provides bacteriostatic control – as tested by KDF® Fluid Treatment, Inc.

## 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 |
|--|--|--|------------------------|-------------------|-------------------|
| <b>Standard 42-<br/>Aesthetic Effects</b>    |  |  |                        |                   |                   |
| Chlorine                                     | 2.0 mg ± 10%   | –  | ≥ 50%                  | –                 | 96.8%             |
| Chloramine                                   | 3.0 mg ± 10%   | 0.5 mg/L                                     | –                      | –                 | 95%               |
| Particulate, Class I<br>Particles 0.5 - 1 µm | at least 10,000 particles/mL   | –  | ≥ 85%                  | –                 | 99.9%             |
| <b>Standard 53-<br/>Health Effects</b>       |  |  |                        |                   |                   |
| Asbestos                                     | 10 <sup>7</sup> to 10 <sup>8</sup> fibers/L > 10 micrometers in length | –  | 99%                    | 99.86%            | 99.86%            |
| Cyst   | Minimum 50,000/L   | –  | 99.95%                 | 99.99%            | 99.99%            |
| Turbidity                                    | 11 ± 1 NTU   | 0.5 NTU                                      | –                      | 99%               | 99.3%             |
| Lead 6.5                                     | 0.15 mg/L ± 10%  | 0.010 mg/L                                   | –                      | 98.6%             | 99.1%             |
| Lead 8.5                                     | 0.15 mg/L ± 10%  | 0.010 mg/L                                   | –                      | 97.3%             | 98.7%             |
| Chloroform<br>(VOC surrogate chemical)       | 0.310 mg/L   | 0.015 mg/L                                   | –                      | 95.7%             | 98.6%             |

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

## 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 22 in. (13 x 13 x 56 cm) including 2-1/2 inches of clear space under unit for cartridge change.
- > Install vertically with cartridge hanging down.
- > 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.
- > A separate drinking water faucet is required.



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 Taste and Odor
  - > Chloramine Taste and Odor
- Mechanical Filtration
  - > Particulate Reduction: Class I

### Standard No. 53 Health Effects

- Chemical Reduction
  - > VOC
  - > Lead
- Mechanical Filtration
  - > Cyst
  - > Asbestos

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 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. (1136 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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