

# H-300-HSD Drinking Water System

## Product Specifications

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+M Drinking Water System reduces the following contaminants and provides extra sediment-holding capacity.

- Lead
- Cysts such as Giardia lamblia, Entamoeba histolytica and Cryptosporidium parvum
- Bacteriostatic control.\*
- Volatile Organic Chemicals (VOCs), including THMs
- Chlorine taste and odor
- Dirt and cloudiness\*\*
- Mold and algae\*\*
- Particulates (oxidized iron, manganese and sulfides)\*\*



### Features

- The H-300-HSD 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



### 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 300 gal. (1,135 L)

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

\*\*As tested by Everpure, LLC

## Commercial grade drinking water system for the home

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



### 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
- 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
- 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
- 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 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 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 Water Concentration	Reduction Requirements	Minimum Reduction	Average Reduction
<b>Standard 42- Aesthetic Effects</b>					
Chlorine	2.0 mg ± 10%	-	≥ 50%	-	96.8%
Particulate, Class I					
Particles 0.5 - <1 µm at least 10,000 particles/mL		-	≥ 85%		99.2%
<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	-	99.4%	98.8%
Lead 8.5	0.15 mg/L ± 10%	0.010 mg/L	-	97.3%	98.7%
Chloroform	0.310 mg/L	0.015 mg/L	-	95.7%	98.6%

(VOC surrogate chemical)

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

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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

Mechanical Filtration

- Particulate Reduction: Class I

Standard No. 53 Health Effects:

Chemical Reduction

- VOC
- Lead

Mechanical Filtration

- Cyst

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.