

# EVERPURE H-300-NXT

## H-300-NXT DRINKING WATER SYSTEM

The same commercial quality that makes Pentair Everpure\* the overwhelming choice for water filtration in restaurants is also available for your home. The H-300-NXT is the first of its kind to be certified by NSF to NSF/ANSI Standard 401, to reduce pharmaceuticals that may be found in your water. These contaminants include: some pharmaceuticals, over-the-counter medications, herbicides, pesticides and chemicals used in manufacturing like bisphenol A (BPA). The Pentair Everpure exclusive precoat filtration technology combines Micro-Pure\* and a unique pleated filter membrane that is 30% larger than the H-300 filter. Comparable to our top-selling H-300, with added benefits to help give your family **peace of mind**.



### FEATURES

#### What's Inside

- Helps prevent lime and scale buildup in water using appliances
- Exclusive Micro-Pure filtration technology protects the pleated surface inside the cartridge

#### Great Tasting Water

- Dual-stage filtration design ensures maximum reduction of substances
- Retains vital minerals found naturally in water to provide the health benefits and delicious taste of your water



#### Latest NSF Certification

- NSF/ANSI Standard 401\*\* in addition to NSF/ANSI Standard 42 & 53

#### Commercial Grade Filtration

- The Pentair Everpure signature metal canister delivers commercial-grade durability to protect the system from splitting or bursting
- 30% larger cartridge provides better dirt-holding capacity

### 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)
- **Required Space**  
5W x 22H x 5D in  
13W x 56H x 13D cm

### SUBSTANCE REDUCTION

- Lead
- Chlorine taste & odor
- Dirt and cloudiness †
- Mold and algae †
- NSF/ANSI Standard 53 certified to reduce cysts such as *Cryptosporidium* and *Giardia* by mechanical means
- Volatile Organic Chemicals (VOCs)
- Reduces particles as small as 0.5 micron in size by mechanical means
- Enhanced with KDF media to inhibit scale build-up that can damage equipment
- \*\*NSF/ANSI Standard 401 certified for the reduction of the incidental contaminants/emerging compounds listed in the performance data sheet

† As tested by Everpure, LLC.  
EPA EST. NO. 002623-IL-002

## ORDERING INFORMATION

MODEL	PART NO	DESCRIPTION
H-300-NXT	EV927151	Drinking water system
H-300-NXT	EV927441	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: 5W x 22H x 5D in (13W x 56H x 13D cm) including 2-1/2 inches of clear space under unit for cartridge change.

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  
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. Cartridges should be replaced annually to ensure the highest quality filtration.

### Health Claim Performance Certified by NSF\*\*\*

This system has been tested according to NSF/ANSI 42, 53, and 401 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 401.

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%	-	87.8%
Particulate, Class I Particles 0.5 - <1 µm	at least 10,000 particles/mL	-	≥ 85%	-	97.9%
<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	-	99.3%	>99.3%
Lead 8.5	0.15 mg/L ± 10%	0.010 mg/L	-	98.7%	99.3%
Chloroform (VOC surrogate chemical)	0.310 mg/L	0.015 mg/L	-	95.6%	99.1%
***Tested using flow rate = 0.5gpm; pressure = 60 psig; pH = 7.5 ± 0.5; temp. = 20° C ± 2.5° C					
<b>Standard 401 – Emerging Contaminants†</b>					
Phenytoin	200 ± 20% ng/L	0.000030 mg/L	-	-	>96.3%
Ibuprofen	400 ± 20% ng/L	0.000060 mg/L	-	-	>95.8%
Naproxen	140 ± 20% ng/L	0.000020 mg/L	-	-	>96.8%
Estrone	140 ± 20% ng/L	0.000020 mg/L	-	-	>97.2%
Bisphenol A (BPA)	2,000 ± 20% ng/L	0.000300 mg/L	-	-	>99.2%
Nonylphenol	1,400 ± 20% ng/L	0.000200 mg/L	-	-	>97.1%

The silver canister and configuration of the cartridge cap and head of this product are registered trademarks of Pentair Filtration Solutions, LLC.



This System has been Tested & Certified by NSF International against NSF/ANSI Standards 42, 53 and 401 as verified and substantiated by test data for the reduction of:

<b>Std No. 42 Aesthetic Effect:</b> Chemical Reduction • Taste and Odor • Chlorine Taste & Odor Mechanical Filtration • Particulate Reduction: Class I	<b>Std No. 53 Health Effects:</b> Chemical Reduction • VOC • Lead Mechanical Filtration • Cyst	<b>Std No. 401 Emerging Contaminants†</b> Phenytoin, Ibuprofen Naproxen, Estrone Bisphenol A, Nonylphenol
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† NSF Standard 401 have been deemed as "incidental contaminants/emerging compounds". Incidental contaminants are those compounds that have been detected in drinking water supplies at trace levels. While occurring at only trace levels, these compounds can affect the public acceptance/perception of drinking water quality.



### WATER QUALITY SYSTEMS

5730 NORTH GLEN PARK ROAD, MILWAUKEE, WI 53209  
P: 262.238.4400 | F: 262.238.4404

WATERPURIFICATION.PENTAIR.COM

CUSTOMER CARE: 800.279.9404 | tech-support@pentair.com

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