

EVERPURE

H-300 Cartridge - Part Nos. EV9270-71, EV9270-72

IMPORTANT NOTICE: Read this Performance Data Sheet and compare the capabilities of this unit with your actual water treatment needs. It is recommended that, before purchasing a water treatment unit, you have your water tested to determine your actual treatment needs.

FEATURES

- Finely polishes treated water to premium quality for drinking and cooking.
- Reduces chlorine taste and odor.
- Reduces dirt, rust and other particulates such as oxidized iron, manganese, and sulfides.
- NSF/ANSI Standard 53 certified to reduce cysts such as Cryptosporidium and Giardia by mechanical means.
- 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.
- Effectively reduces Volatile Organic Chemicals (VOCs), including Trihalomethanes (THMs).
- Enhanced with KDF media to inhibit scale build-up that can damage equipment.
- Reduces particles as small as 0.5 micron in size by mechanical means.

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
Standard 42—Aesthetic Effects					
Chlorine	2.0 mg/L ± 10%		≥ 50%		86.8%
Particulate, Class I particles 0.5 to <1 µm	at least 10,000 particles/mL		≥ 85%		98.8%
Standard 53—Health Effects					
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	0.300 mg/L	0.015 mg/L		95.8%	98.9%

(VOC surrogate chemical)

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

EPA Est. 002623-IL-002



The H-300 is Tested and Certified by NSF International against CSA B483.1 and NSF/ANSI 42 and 53 for the claims specified on the Performance Data Sheet.

NOTE: Spent adsorption media will not be regenerated and used. If adsorption media is affected by chlorine, water supply should be treated to remove chlorine prior to entering filter.

OPERATING SPECIFICATIONS

- Capacity: 300 gallons (1,135L)
- Pressure requirement: 10-125 psi (0.7 - 8.6 bar), non-shock
- Temperature: 35-100°F (2-38°C)
- Flow Rate: 0.5 gpm (1.9 Lpm)

Performance Data Sheet Reduction Claims for Organic Chemicals Included by Surrogate Testing

Substance	Influent Challenge Concentration mg/L	Maximum permissible Product Water Concentration mg/L
alachlor	0.050	0.001
atrazine	0.100	0.003
benzene	0.081	0.001
carbofuran	0.190	0.001
carbon tetrachloride	0.078	0.0018
chlorobenzene	0.077	0.001
chloropicrin	0.015	0.0002
2,4-D	0.110	0.0017
dibromochloropropane (DBCP)	0.052	0.00002
o-dichlorobenzene	0.080	0.001
p-dichlorobenzene	0.040	0.001
1,2-dichloroethane	0.088	0.0048
1,1-dichloroethylene	0.083	0.001
cis-1,2-dichloroethylene	0.170	0.0005
trans-1,2-dichloroethylene	0.086	0.001
1,2-dichloropropane	0.080	0.001
cis-1,3-dichloropropylene	0.079	0.001
dinoseb	0.170	0.0002
endrin	0.053	0.00059
ethylbenzene	0.088	0.001
ethylene dibromide (EDB)	0.044	0.00002
haloacetonitriles (HAN):		
bromochloroacetonitrile	0.022	0.0005
dibromoacetonitrile	0.024	0.0006
dichloroacetonitrile	0.0096	0.0002
trichloroacetonitrile	0.015	0.0003
haloketones (HK):		
1,1-dichloro-2-propanone	0.0072	0.0001
1,1,1-trichloro-2-propanone	0.0082	0.0003
heptachlor	0.025	0.00001
heptachlor epoxide	0.0107	0.0002
hexachlorobutadiene	0.044	0.001
hexachlorocyclopentadiene	0.060	0.000002
lindane	0.055	0.00001
methoxychlor	0.050	0.0001
pentachlorophenol	0.096	0.001
simazine	0.120	0.004
styrene	0.150	0.0005
1,1,2,2-tetrachloroethane	0.081	0.001
tetrachloroethylene	0.081	0.001
toluene	0.078	0.001
2,4,5-TPI(silvex)	0.270	0.0016
tribromoacetic acid	0.042	0.001
1,2,4-trichlorobenzene	0.160	0.0005
1,1,1-trichloroethane	0.084	0.0046
1,1,2-trichloroethane	0.150	0.0005
trichloroethylene	0.180	0.001
trihalomethanes (includes):		
chloroform (surrogate chemical)	0.300	0.015
bromoform		
bromodichloromethane		
chlorodibromomethane		
xylenes (total)	0.070	0.001