



System tested and certified by NSF International against NSF/ANSI Standard 42, 53 and 401 for the reduction of 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 Standard 42, 53 and 401.

Performance Data Sheet

Model: DA97-08006A-E Use with replacement element: DA29-00020B

Capacity 300 Gallons (1,136 Liters)

Substance Reduction Determined by NSF testing

Substance Reduction	Average Influent	NSF/ANSI Specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirements
Chlorine Taste and Odor	1.9	2.0 mg/L ± 10%	99.2%	0.11 mg/L	N/A	≥ 50%
Nominal Particulate Class I, ≥0.5 to < 1.0 µm	10,200,000/ml	At least 10,000 particles/mL	>99.9	4,400/ml	N/A	≥ 85%
Asbestos	295 MF/L	10 ⁷ to 10 ⁸ fibers/L; fibers greater than 10 µm in length	>99%	<0.17 MF/L	N/A	≥ 99%
Atrazine	0.0096	0.009 mg/L ± 10%	84.1%	0.0016 mg/L	0.003 mg/L	N/A
Benzene	0.016 mg/L	0.015 mg/L ± 10%	>95.8	<0.005 mg/L	0.005 mg/L	N/A
Carbofuran	0.078 mg/L	0.08 mg/L ± 10%	>98.7%	0.001 mg/L	0.04 mg/L	N/A
Chlorobenzene	2 mg/L	2.0 mg/L ± 10%	99.9%	0.0025 mg/L	0.1 mg/L	N/A
Cyst*	100,000 cysts/L	Minimum 50,000 cysts/L	>99.99	<10 cysts/L	N/A	≥ 99.95%
Endrin	0.006 mg/L	0.006 mg/L ± 10%	>96.8	0.00002 mg/L	0.002 mg/L	N/A
Ethylbenzene	2.3 mg/L	2.1 mg/L ± 10%	>99.9	0.0006 mg/L	0.7 mg/L	N/A
Lead@pH 6.5	0.150 mg/L	0.15 mg/L ± 10%	98.5%	0.0025	0.010 mg/L	N/A
Lead@pH 8.5	0.160 mg/L	0.15 mg/L ± 10%	98.7%	0.002 mg/L	0.010 mg/L	N/A
Lindane	0.002 mg/L	0.002 mg/L ± 10%	>99.9	0.00002 mg/L	0.0002 mg/L	N/A
Mercury@pH 6.5	0.006 mg/L	0.006 mg/L ± 10%	93.2%	0.0003	0.002 mg/L	N/A
Mercury@pH 8.5	0.0058 mg/L	0.006 mg/L ± 10%	88.9%	0.0006 mg/L	0.002 mg/L	N/A
2,4-D	0.2 mg/L	0.210 mg/L ± 10%	97.8%	0.015 mg/L	0.07 mg/L	N/A
O-Dichlorobenzene	1.93	1.8 mg/L ± 10%	>99.9	0.0005 mg/L	0.6 mg/L	N/A
P-Dichlorobenzene	0.024	0.225 mg/L ± 10%	>99.8	0.005 mg/L	0.075 mg/L	N/A
Tetrachloroethylene	0.015 mg/L	0.015 mg/L ± 10%	93.2%	<0.001	0.003 mg/L	N/A
Toxaphene	0.015 mg/L	0.015 mg/L ± 10%	0.001 mg/L	0.001 mg/L	0.003 mg/L	N/A
Turbidity	10.9 NTU	11 ± 1 NTU	98.7%	0.10 NTU	0.5 NTU	N/A
Atenolol	240 ng/L	200 ng/L ± 40%	95.9%	<10ng/L	30 ng/L	N/A
Bisphenol A	2,340 ng/L	2,000 ng/L ± 40%	99.2%	<20 ng/L	300 ng/L	N/A
Carbamazepine	1,400 ng/L	1,400 ng/L ± 40%	97.3%	76 ng/L	200 ng/L	N/A
DEET	1,400 ng/L	1,400 ng/L ± 40%	93.4%	200 ng/L	200 ng/L	N/A
Estrone	170 ng/L	140 ng/L ± 40%	97%	<5 ng/L	20 ng/L	N/A
Linuron	150 ng/L	140 ng/L ± 40%	96.6%	<5 ng/L	20 ng/L	N/A
Nonylphenol	1,640 ng/L	1,400 ng/L ± 40%	96.9%	<50 ng/L	200 ng/L	N/A
Phenytoin	254 ng/L	200 ng/L ± 40%	96.1%	<10 ng/L	30 ng/L	N/A
Trimethoprim	140 ng/L	140 ng/L ± 40%	96.5%	<5 ng/L	20 ng/L	N/A

* Based on the use of Cryptosporidium parvum oocysts

Application Guidelines/Water Supply Parameters	
Service Flow	0.5 gpm (1.9 lpm)
Water Supply	Potable Water
Water Pressure	30 -125 psi (207 – 862 kPa)
Water Temperature	34°F - 100°F (1°C – 37.8°C)

It is essential that the manufacturer's recommended installation, maintenance and filter replacement requirements be carried out for the product to perform as advertised. See Refrigerator Manual for Warranty information.

Note: While the testing was performed under standard laboratory conditions, actual performance may vary.

Replacement Cartridge: DA29-00020B

For estimated costs of replacement elements please visit our website at www.SAMSUNG.com.