

**Performance Data Sheet For Samsung Model DA97-06317A
Using Replacement Cartridge DA29-00003G**

This system has been tested according to NSF/ANSI Standards 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.



System tested and certified by NSF International against NSF/ANSI Standard 42 for the reduction of Chlorine Taste and Odor, Particulate Class I, and against NSF/ANSI Standard 53 for the reduction of Cysts, Turbidity, Lead, Asbestos, Benzene, Carbofuran, p-Dichlorobenzene and Mercury.

To a capacity of 300 gallons (1,136 liters).

Note that while the testing was performed under standard laboratory conditions, actual performance may vary.

Contaminant Reduction	Average Influent Concentration	NSF Specified Influent Challenge Concentration Units apply to each row	Average % Reduction	Average Product Water Concentration	Max. Permissible Product Water Concentration	NSF Reduction Requirements	NSF Test
Chlorine taste and odor	2.1 mg/L	2.0 mg/L ± 10%	97.6	0.05 mg/L	NA	≥ 50%	J-00029741
Particulate Class I Particle size: < 0.5 to < 1 um	10,566,666 pt/mL	At least 10,000 particles/mL	98.4	171,833 pts/mL	NA	≥ 85%	J-00029739
Cysts*	127,500 cysts/L	Minimum 50,000 cysts/L	99.99	<1 cyst/L	NA	≥ 99.95%	J-00031000
Turbidity	10.5	11±1 NTU	98.6	0.15 NTU	0.5 NTU	≥ 0.5 NTU	J-00033223
Lead @ pH 6.5	153 ug/L	0.15±10%	99.3	<1ug/L	0.010 mg/L	10 ug/L	J-00039590
Lead @ pH 8.5	155 ug/L	0.15±10%	>99.4	<1ug/L	0.010 mg/L	10 ug/L	J-00039591
Mercury @ pH 6.5	5.97 ug/L	0.006±10%	96.6	<0.2 ug/L	0.002 mg/L	2 ug/L	J-00039589
Mercury @ pH 8.5	6.29 ug/L	0.006±10%	88.9	0.7 ug/L	0.002 mg/L	2 ug/L	J-00039586
Asbestos	140 MFL	107 to 108 fibers > um in length	> 99	<0.17 MFL	NA	99%	J-00029743
Benzene	13.88 ug/L	0.015±10%	96.4	<0.5 ug/L	0.005 mg/L	≤ 5 ug/L	J-0029751
Carbofuran	79.6 ug/L	0.190 mg/L	98.7	1 ug/L	0.001 mg/L	≤ 40 ug/L	J-00029750
p-Dichlorobenzene	237.5 ug/L	0.225±10%	99.8	0.525 ug/L	0.075 mg/L	≤ 75 ug/L	J-00029749

* 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	20- 125 psi (138 - 862 kPa)
Water Temperature*	33°F - 100°F (0.6°C - 37.8°C)

Systems must be installed and operated in accordance with manufacturer's recommended procedures and guidelines. Failure to do so may void warranty. • Flush new cartridge for 2.5 gallons (approximately 5 minutes).

**For a replacement filter or for service contact your local dealer or call 1-800-SAMSUNG (U.S.A.)
Other countries contact your local dealer or call service center.**

! WARNING: 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 waters that may contain filterable cysts. EPA Establishment Number 070595-MEX-001

CAUTION: To reduce the risk associated with property damage due to water leakage:

- **Read and follow** Use Instructions before installation and use of this system.
- Installation and use **MUST** comply with all state and local plumbing codes.
- **Protect from freezing**, remove filter cartridge when temperatures are expected to drop below 33° F (0.6° C).
- **Do not install on hot water supply lines.** The maximum operating water temperature of this filter system is 100°F (37.8°C).
- **Do not install** if water pressure exceeds 125 psi (862 kPa). If your water pressure exceeds 80 psi (552 kPa), you must install a pressure limiting valve. Contact a plumbing professional if you are uncertain how to check your water pressure.
- **Do not install** where water hammer conditions may occur. If water hammer conditions exist you must install a water hammer arrester. Contact a plumbing professional if you are uncertain how to check for this condition.
- The disposable filter cartridge **MUST** be replaced every 6 months, at the rated capacity or if a noticeable reduction in flow rate occurs.

Entire system (excluding disposable cartridges) is warranted for a period of one year. Disposable cartridges are warranted for defects in material and workmanship only. Service life of disposable filter cartridges varies with local water conditions and is thus not warranted.