

Performance Data Sheet

Model: LG ADQ73613401-S Replacement cartridge : ADQ73613401

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 and Standard 53.



System tested and certified by NSF International against NSF/ANSI Standard 42 and Standard 53 for the reduction of substances listed below.

Contaminant Reduction	Average Influent	NSF specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirements
Chlorine Taste and Odor	2.0mg/L	2.0 mg/L ± 10%	97.5%	0.05 mg/L	N/A	≥50%
Nominal Particulate Class I, →0.5 to < 1.0 µm	5,600,000 pts/mL	At least 10,000 particles/mL	99.3%	73,000 pts/ml	N/A	≥ 85%
Asbestos	170 MFL	10 ⁷ to 10 ⁸ MFL; fibers greater than 10 µm in length	>99%	< 1MLF	N/A	≥ 99%
Atrazine	0.0087 mg/L	0.009 mg/L →10%	94.2%	0.0005 mg/L	0.003 mg/L	N/A
Benzene	0.017 mg/L	0.015 mg/L →10%	97.0%	< 0.0005 mg/L	0.005 mg/L	N/A
Carbofuran	0.073 mg/L	0.08 mg/L → 10%	98.8%	0.001 mg/L	0.04 mg/L	N/A
Lindane	0.002 mg/L	0.002 mg/L →10%	98.8%	0.00002 mg/L	0.0002 mg/L	N/A
P-Dichlorobenzene	0.263 mg/L	0.225 mg/L → 10%	99.6%	0.001 mg/L	0.075 mg/L	N/A
Toxaphene	0.015 mg/L	0.015 mg/L → 10%	93.5%	0.001 mg/L	0.003 mg/L	N/A
2,4-D	0.25 mg/L	0.210 mg/L →10%	99.5%	0.0012mg/L	0.07 mg/L	N/A
Lead pH @6.5	0.150 mg/L	0.15 mg/L → 10%	>99.3%	0.001 mg/L	0.010 mg/L	N/A
Lead pH @8.5	0.150 mg/L	0.15 mg/L → 10%	>99.3%	0.001 mg/L	0.010 mg/L	N/A
Mercury @ pH 6.5	0.006 mg/L	0.006 mg/L → 10%	96.5	0.0002 mg/L	0.002 mg/L	N/A
Mercury @ pH 8.5	0.0062 mg/L	0.006 mg/L → 10%	86.9	0.0081 mg/L	0.002 mg/L	N/A
Cyst*	200,000 cysts/L	Minimum 50,000 cysts/L	>99.99%	<1 cyst/L	N/A	≥ 99.95%

* Based on the use of Cryptosporidium parvum oocysts

Service Flow	0.5 gpm (1.9 lpm)
Water Supply	Community or private well — Potable Water
Water Pressure	20 - 120 psi (138 - 827 kPa)
Water Temperature	33-100°F (0.6 -37.8°C)
Capacity	200 gallons (757 liters)

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

NOTE

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

Replacement Cartridge: ADQ73613401

For estimated costs of replacement elements please call 1-877-714-7486 or visit our website at www.lge.com

WARNING

To reduce the risk associated with choking:

- Do not allow children under 3 years of age to have access to small parts during the installation of this product.

To reduce the risk associated with the ingestion of contaminants:

- 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. EPA Establishment # 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.
- Do not install if water pressure exceeds 120 psi (827 kPa). If your water pressure exceeds 80 psi, 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 uncertain how to check for this condition.
- Do not install on hot water supply lines.
 - The maximum operating water temperature of this filter system is 100°F (37.8°C).
- Protect filter from freezing. Drain filter when temperatures drop below 40°F (4.4°C).
- The disposable filter cartridge MUST be replaced every 6 months, at the rated capacity or if a noticeable reduction in flow rate occurs.
- Protect from freezing, remove filter cartridge when temperatures are expected to drop below 33° F.
- Do not install systems in areas where ambient temperatures may go above 110° F (43.3° C).
- Where a backflow prevention device is installed on a water system, a device for controlling pressure due to thermal expansion must be installed.
- Ensure all tubing and fittings are secure and free of leaks.

Manufactured for LG Electronics by MCM Co.,Ltd. 45-10. Nowon-Ri, Yiwol-Myun, Jinchun-Kun, Chung-Buk, Korea