

## Performance Data Sheet

### Use 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.

Capacity 200 Gallons (757 Liters) Contaminant Reduction Determined by NSF testing.

Contaminant Reduction	Average Influent	NSF specified Challenge Concentration	Average Reduction	Average Product Water Concentration	Max. Permissible Product Water Concentration	NSF Reduction Requirements
Chlorine Taste and Odor	2.0 mg/L	2.0 mg/L $\pm$ 10 %	97.5 %	0.05 mg/L	N/A	$\geq$ 50 %
Nominal Particulate Class I > 0.5 $\mu$ m to > 1 $\mu$ m	5,600,000 pts/mL	At least 10,000 particles/mL	99.3 %	73.000 pts/mL	N/A	$\geq$ 85 %
Asbestos	170 MFL	10 <sup>7</sup> to 10 <sup>8</sup> MFL; fibers greater than 10 $\mu$ m in length	> 99 %	< 1 MFL	N/A	$\geq$ 99 %
Atrazine	0.0087 mg/L	0.009 mg/L $\pm$ 10 %	94.2 %	0.0005 mg/L	0.003 mg/L	N/A
Benzene	0.017 mg/L	0.015 mg/L $\pm$ 10 %	97.0 %	< 0.0005 mg/L	0.005 mg/L	N/A
Carbofuran	0.073 mg/L	0.08 mg/L $\pm$ 10 %	98.8 %	0.001 mg/L	0.04 mg/L	N/A
Lindane	0.002 mg/L	0.002 mg/L $\pm$ 10 %	98.8 %	0.00002 mg/L	0.0002 mg/L	N/A
P-Dichlorobenzene	0.263 mg/L	0.225 mg/L $\pm$ 10 %	99.6 %	0.001 mg/L	0.075 mg/L	N/A
Toxaphene	0.015 mg/L	0.015 mg/L $\pm$ 10 %	93.5 %	0.001 mg/L	0.003 mg/L	N/A
2,4-D	0.25 mg/L	0.210 mg/L $\pm$ 10 %	99.5 %	0.0012 mg/L	0.07 mg/L	N/A
Lead pH6.5	0.150 mg/L	0.15 mg/L $\pm$ 10 %	> 99.3 %	0.001 mg/L	0.010 mg/L	N/A
Lead pH8.5	0.150 mg/L	0.15 mg/L $\pm$ 10 %	> 99.3 %	0.001 mg/L	0.010 mg/L	N/A
Mercury pH6.5	0.006 mg/L	0.006 mg/L $\pm$ 10 %	96.5 %	0.0002 mg/L	0.002 mg/L	N/A
Mercury pH8.5	0.0062 mg/L	0.006 mg/L $\pm$ 10 %	86.9 %	0.0081 mg/L	0.002 mg/L	N/A
Cyst*	200,000 cysts/L	Minimum 50,000 cyst/L	> 99.99 %	< 1 cysts/L	N/A	$\geq$ 99.95 %

\* Based on the use of *Cryptosporidium parvum* oocysts

## Application Guidelines / Water Supply Parameters

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

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	30-100°F(0.6-37.8°C)
Capacity	200 gallons (757 liters)

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

Replacement Cartridge : ADQ73613401

For estimated costs of replacement elements please call

1-877-714-7486 or visit our website at [www.lge.com](http://www.lge.com)

NSF System Trade Name Code : ADQ73613401-S

NSF Replacement Code : ADQ73613401

Refer to the 'warranty' section of the Refrigerator Owner's Manual for Limited Warranty information.