

Performance Data Sheet For Model 5231JA2006B-S Using Replacement Cartridge 5231JA2006B

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 by NSF/ANSI Standards 42 and 53.



System tested and certified by NSF International against NSF/ANSI Standard 53 for the reduction of Cysts, Turbidity, Lead, Mercury, Lindane, Atrazine, 2,4-D, Benzene and against NSF/ANSI Standard 42 for the reduction of Chlorine Taste and Odor and Nominal Particulate Class I.

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

Capacity: 300 gallons (1,136 liters)

Contaminant Reduction	Average Influent	NSF specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirements	NSF Test Report
Chlorine Taste and Odor	19 mg/L	2.0 mg/L \pm 10%	96.8%	0.06 mg/L	N/A	\geq 50%	J-00062951
Nominal Particulate Class I, ≥ 0.5 to < 1.0 μ m	9,466,667 pts/mL	At least 10,000 particles/mL	99.8%	16,533 pts/mL	N/A	\geq 85%	J-00029739
Atrazine	0.009 mg/L	0.009 mg/L \pm 10%	94.2%	0.0005 mg/L	0.003 mg/L	N/A	516501-05
Benzene	0.016 mg/L	0.015 mg/L \pm 10%	96.9%	0.005 mg/L	0.005 mg/L	N/A	516572-05
Cysts*	112,750 cysts/L	Minimum 50,000 cysts/L	99.99%	1 cyst/L	N/A	\geq 99.95%	516774-05
Lead @ pH 6.5	0.145 mg/L	0.15 mg/L \pm 10%	99.3%	0.001 mg/L	0.010 mg/L	N/A	516504-05
Lead @ pH 8.5	0.152 mg/L	0.15 mg/L \pm 10%	99.3%	0.001 mg/L	0.010 mg/L	N/A	516505-05
Lindane	0.002 mg/L	0.002 mg/L \pm 10%	99%	0.00002 mg/L	0.0002 mg/L	N/A	516571-05
Mercury @ pH 6.5	0.006 mg/L	0.006 mg/L \pm 10%	96.7%	0.0002 mg/L	0.002 mg/L	N/A	516507-05
Mercury @ pH 8.5	0.006 mg/L	0.006 mg/L \pm 10%	94.9%	0.0003 mg/L	0.002 mg/L	N/A	516570-05
Turbidity	11 NTU	11 \pm 1 NTU	96.8%	0.35 NTU	0.5 NTU	N/A	J-00017037
2,4-D	0.208 mg/L	0.210 mg/L \pm 10%	98.6%	0.002 mg/L	0.07 mg/L	N/A	516557-05

* Based on the use of *Cryptosporidium parvum* oocysts

Application Guidelines / Water Supply Parameters	
Water Pressure	30 - 120 psi (207 - 827 kPa)
Water Temperature*	33° F - 100° F (0.6° C - 38.7° C)
Service Flow	0.5 gpm (1.89 lpm)

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.

Entire system (excluding disposable cartridge) is warranted for a period of one year from date of purchase. 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.

Systems must be installed and operated in accordance with manufacturer's recommended procedures and guidelines.

CAUTION: Change the filter at least every six months.

IMPORTANT: Failure to follow installation, operation and maintenance instructions will void warranty. See warranty card for complete details.

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For estimated costs of replacement elements, please call 1-877-714-7486.

Manufactured for LG Electronics by:
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