

## Performance Data Sheet Models Number 5231JA2002A-S

Use with replacement cartridge 5231JA2002A

This system has been tested according to NSF/ANSI Standards 42 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.



System tested and certified by NSF International against NSF/ANSI Standard 42 for the reduction of Chlorine Taste and Odor and Nominal Particulate Class III.

Capacity: 500 gal (1,892 L)

Substance	Average Influent Concentration	Influent Challenge Concentration. Units apply to each row	Avg. Product Water Concentration	Average % Reduction	NSF % reduction req. or Max. permissible product water concentration
Nominal Particulate Class I Particle size: >0.5 to < 1 um	24,333	At least 10,000 particles/ml	915	96	≥ 85%
Chlorine taste and odor Class III	1.9	2.0 mg/L ± 10%	0.07	96.4	≥ 50%

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

Application Guidelines/Water Supply Parameters	
Service flow	0.5 gpm ( 1.89 lpm)
Water pressure	20 - 125 psi (138 - 862 kPa)
Water temperature	33° F - 100° F (0.6° C - 38° C)

**⚠ WARNING :**

To reduce the risk associated with ingestion of contaminants due to use with water that is microbiologically unsafe or of unknown quality. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.

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

Warranty: See Warranty Card for Details.

**CAUTION:**

- To reduce the risk of property damage due to water leakage
- Read and follow Use instructions before installation and use of this system.
  - Install on COLD water lines only.
  - Comply with all state and local plumbing codes.
  - Install a pressure limiting device and water hammer arrester for inlet water pressures exceeding 80 psi (552 kPa). Refer to Uniform Plumbing Code, Sections 608.2 and 609.10.
  - Never install or operate where inlet water pressure may exceed 120 psi (827 kPa).
  - Protect filter from freezing. Remove filter in temperatures below 33°F (0.6°C).
  - Replace cartridge at specified service interval. Cartridge **MUST** be replaced at least every 12 months.

For a replacement cartridge or for service contact your local dealer. You can also visit our website: [www.lgappliances.com](http://www.lgappliances.com) or call 1-877-714-7486.

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