

Performance Data Sheet

NSF System Trade Name Code : MDJ64844601

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, Standard 53 and Standard 401.



System tested and certified by NSF International against NSF/ANSI Standard 42, Standard 53 and Standard 401 for the reduction of substances listed below.

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

Substance Reduction	Average Influent Challenge	NSF specified Challenge Concentration	Avg % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirement
Chlorine Taste and Odor	2.0 µg/L	2.0 µg/L ± 10%	>97.5%	0.050 µg/L	N/A	≥ 50.00%
Nominal Particulate Class I, ≥ 0.5 to < 1.0 µm	12,000,000 pts/mL	At least 10,000 particles/mL	99.80%	24,000 pts/ml	N/A	≥ 85.00%
Asbestos	180 MFL	10 ⁷ to 10 ⁸ MFL; fibers greater than 10 µg/L in length	>99.00%	< 1 MFL	N/A	≥ 99.00%
Atrazine	8.5 µg/L	9.0 µg/L ± 10%	>94.10%	0.500 µg/L	3.0 µg/L	NA
Benzene	15.0 µg/L	15.0 µg/L ± 10%	>96.60%	0.510 µg/L	5.0 µg/L	NA
Carbofuran	74.0 µg/L	80.0 µg/L ± 10%	98.30%	1.258 µg/L	40 µg/L	NA
Lindane	1.9 µg/L	2.0 µg/L ± 10%	>99.00%	0.019 µg/L	0.2 µg/L	NA
P-Dichlorobenzene	230.0 µg/L	225.0 µg/L ± 10%	>99.80%	0.460 µg/L	75.0 µg/L	NA
2,4-D	210.0 µg/L	210.0 µg/L ± 10%	>99.90%	0.210 µg/L	70.0 µg/L	NA
Lead @ pH 6.5	140.0 µg/L	150.0 µg/L ± 10%	99.60%	0.560 µg/L	10.0 µg/L	NA
Lead @ pH 8.5	150.0 µg/L	150.0 µg/L ± 10%	>99.70%	< 0.500 µg/L	10.0 µg/L	NA
Mercury @ pH 6.5	5.9 µg/L	6.0 µg/L ± 10%	91.00%	0.531 µg/L	2.0 µg/L	NA
Mercury @ pH 8.5	5.6 µg/L	6.0 µg/L ± 10%	92.50%	0.420 µg/L	2.0 µg/L	NA
Cyst*	100,000 cysts/L	Minimum 50,000 cysts/L	>99.99%	10 cysts/L	N/A	≥ 99.95%
Atenolol	240 ng/L	200 ± 40% ng/L	> 95.50%	10.80 ng/L	30 ng/L	NA
Carbamazepine	1600 ng/L	1400 ± 40% ng/L	98.40%	25.60 ng/L	200 ng/L	NA
DEET	1600 ng/L	1400 ± 40% ng/L	97.10%	46.40 ng/L	200 ng/L	NA
Trimethoprim	170 ng/L	140 ± 40% ng/L	>96.80%	5.44 ng/L	20 ng/L	NA
Linuron	160 ng/L	140 ± 40% ng/L	>96.60%	5.44 ng/L	20 ng/L	NA
Phenytol	200 ng/L	200 ± 40% ng/L	>94.80%	10.40 ng/L	30 ng/L	NA
Ibuprofene	400 ng/L	400 ± 40% ng/L	>94.50%	22.00 ng/L	60 ng/L	NA
Naproxen	140 ng/L	140 ± 40% ng/L	>96.10%	5.46 ng/L	20 ng/L	NA
Estrone	120 ng/L	140 ± 40% ng/L	>96.10%	4.68 ng/L	20 ng/L	NA
Bisphenol A	2000 ng/L	2000 ± 40% ng/L	>98.90%	22.00 ng/L	300 ng/L	NA
Nonyl Phenol	1600 ng/L	1400 ± 40% ng/L	>97.10%	46.40 ng/L	200 ng/L	NA

* 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	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.

Replacement Cartridge (Part number) :

LT1000P (ADQ74793501), LT1000PC (ADQ74793504), LT1000PCS (ADQ74793505)

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

WARNING

Read entire manual. Failure to follow all guides and rules could cause personal injury or property damage.

- Check with your local public works department for plumbing codes. You must follow their guidelines as you install the Water Filtration system.
 - Your Water Filtration system will withstand up to 120 pounds per square inch (psi) water pressure. If your house water supply pressure is higher than 80 psi, install a pressure reducing valve before installing the Water Filtration system.
- 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.

NOTICE

To reduce the risk associated with water leakage or flooding:

- Read and follow Use Instructions before installation and use of this system.
- Change the disposable filter cartridge at the recommended interval; the disposable filter cartridge MUST be replaced every 6 months or sooner.
- Failure to replace the disposable filter cartridge at recommended intervals may lead to reduced filter performance and failure of the filter, causing property damage from water leakage or flooding.

WARNING

Read entire manual. Failure to follow all guides and rules could cause personal injury or property damage.

Check with your local public works department for plumbing codes. You must follow their guidelines as you install the water filtration system. Your water filtration system will withstand up to 120 pounds per square inch (psi) water pressure. If your water supply pressure is higher than 80 psi, install a pressure reducing valve before installing the water filtration system.

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.

Use of unauthorized water filters may result in product malfunction, water leakage or water quality issues, which will not be covered under the product warranty.

NOTICE

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

Read and follow Use Instructions before installation and use of this system. Change the disposable filter cartridge at the recommended interval; the disposable filter cartridge MUST be replaced every 6 months or sooner. Failure to replace the disposable filter cartridge at recommended intervals may lead to reduced filter performance and failure of the filter, causing property damage from water leakage or flooding.

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 (4.4°C). DO NOT install systems in areas where ambient temperatures may go above 110°F (43.3°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 120 psi (827 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. Where a backflow prevention device is installed on a water system, a device for controlling pressure due to thermal expansion MUST be installed. Contact a plumbing professional if you are uncertain how to select/install/maintain a thermal expansion device. Where a booster pump is installed on a water system, you MUST maintain and inspect the attached pressure switch regularly in accordance with the booster pump manufacturer's instructions. Contact a plumbing professional if you are uncertain how to maintain your booster pump system. Where a booster pump is installed on a water system, you MUST install an appropriate pressure relief valve. Pressure relief valve must be maintained and inspected every 6 months. Contact a plumbing professional if you are uncertain how to select/install/maintain a pressure relief valve. Where a booster pump is installed on a water system, you MUST install an appropriate pressure regulating valve and regulate water pressure to <80psi. Contact a plumbing professional if you are uncertain how to select/install/maintain a pressure regulating valve.

IMPORTANT NOTE:

Before Installing Water Filter:
If the top shelf is located in the top position, it's necessary to take out and move to the bottom position

Refer the "warranty" section of the Refrigerator Owner's Manual for Limited Warranty Information.