

# Neo-Pure® NP-836848 Replacement Refrigerator Filter Performance Data Sheet



The following contaminant reduction claims have been tested and certified by the manufacturer's internal laboratory using NSF testing protocol.

Contaminant Reduction	Average Influent	NSF Specified Challenge Concentration	Average % Reduction	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirement
Chlorine Taste and Odor	1.9 mg/L	2.0 mg/L ± 10%	97.60%	0.06 mg/L	N/A	≥ 50%
Nominal Particulate Class I ≥ 0.5 to < 1.0 µm	57,000,000 pts/m	at least 10,000 particles/mL	97.80%	73,000 pts/ml	N/A	≥ 85%
Asbestos	155 MFL	10 <sup>7</sup> to 10 <sup>8</sup> MFL; fibers greater than 10 µm in length	>99%	< 1 MLF	N/A	≥ 99%
Atrazine	0.0094 mg/L	0.009 mg/L ± 10%	94.60%	0.00005 mg/L	0.003 mg/L	N/A
Benzene	0.014 mg/L	0.015 mg/L ± 10%	99.99%	N/A	N/A	N/A
Carbofuran	0.08 mg/L	0.08 mg/L ± 10%	98.70%	0.002 mg/L	0.04 mg/L	N/A
P-Dichlorobenzene	0.22 mg/L	0.225 mg/L ± 10%	99.80%	0.0005 mg/L	0.075 mg/L	N/A
Lead pH@6.5	0.138 mg/L	0.15 mg/L ± 10%	99.30%	0.001 mg/L	0.010 mg/L	N/A
Lead pH@8.5	0.138 mg/L	0.15 mg/L ± 10%	99.99%	N/A	0.010 mg/L	N/A
Mercury pH@6.5	0.008 mg/L	0.006 mg/L ± 10%	96.60%	0.002 mg/L	0.002 mg/L	N/A
Mercury pH@8.5	0.008 mg/L	0.006 mg/L ± 10%	99.99%	N/A	0.002 mg/L	N/A
Cyst*	120,000 Cysts/L	Min. 50,000 cysts/L	99.99%	< 1 cyst/L	N/A	≥ 99.95%

\* Based on the use of Cryptosporidium parvum oocysts and manufacturer's internal testing.

Application Guidelines - Water Supply Parameters	
Service Flow	0.5 gpm (1.9 lpm)
Water Pressure	20-120 psi (138-827 kPa)
Water Temperature	33 °F -100 °F (0.6 °C-37.8 °C)
Rated Service Capacity	300 gallons (1,136 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.

### IMPORTANT REMINDER. 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. 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 are 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 (38° C).
- **Protect filter from freezing.** Drain filter when temperatures drop below 33°F (0.6°C).
- The disposable filter cartridge **must be replaced every 6 months** at the rated capacity, or sooner if a noticeable reduction in flow rate occurs.



### WARNING! TO REDUCE THE RISK ASSOCIATED WITH INGESTION OF CONTAMINANTS:

Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before and after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.

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