

# PERFORMANCE DATA SHEET

## Base Grille Water Filtration System Model WF-NLC240V/46 9085 Capacity 240 Gallons (908 Liters)



System tested and certified by NSF International against NSF/ANSI Standard 42, 53, 401 and CSA B483.1 for the reduction of contaminants specified on the Performance Data Sheet.

This system has been tested according to NSF/ANSI Standards 42, 53, 401 and CSA B483.1 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 Standards 42, 53, 401 and CSA B483.1.

Substance Reduction	Influent Challenge Concentration	Maximum Permissible Product Water Concentration	Average % Reduction
<b>Aesthetic Effects</b>			
Chlorine Taste/Odor	2.0 mg/L ± 10%	50% reduction	97.5%
Particulate Class I*	At least 10,000 particles/mL	85% reduction	99.7%
<b>Contaminant Reduction</b>			
Cysts†	50,000/L min.	>99.95%	99.99%
Turbidity	11 NTU ± 1 NTU	0.5 NTU	98.9%
Asbestos	10 <sup>7</sup> to 10 <sup>8</sup> fibers/L††	> 99%	99%
Lead***: @ pH 6.5	0.150 mg/L ± 10%	0.010 mg/L	99.3%
Lead***: @ pH 8.5	0.150 mg/L ± 10%	0.010 mg/L	98.8%
Mercury: @ pH 6.5	0.006 mg/L ± 10%	0.002 mg/L	95.3%
Mercury: @ pH 8.5	0.006 mg/L ± 10%	0.002 mg/L	89.7%
Atrazine	0.009 mg/L ± 10%	0.003 mg/L	94.1%
Benzene	0.015 mg/L ± 10%	0.005 mg/L	96.8%
p-Dichlorobenzene	0.225 mg/L ± 10%	0.075 mg/L	99.7%
Toxaphene	0.015 mg/L ± 10%	0.003 mg/L	93.8%
2, 4-D Reduction	0.210 mg/L ± 10%	0.07 mg/L	90.7%
Atenolol	200 ng/L ± 20%	30 ng/L	>97.0%
Linuron	140 ng/L ± 20%	20 ng/L	>96.2%
Trimethoprim	140 ng/L ± 20%	20 ng/L	>96.2%
Estrone	140 ng/L ± 20%	20 ng/L	>96.4%
Meprobamate	400 ng/L ± 20%	60 ng/L	95.0%
Carbamazepine	1400 ng/L ± 20%	200 ng/L	>98.5%
DEET	1400 ng/L ± 20%	200 ng/L	>98.5%
Metolachlor	1400 ng/L ± 20%	200 ng/L	97.0%

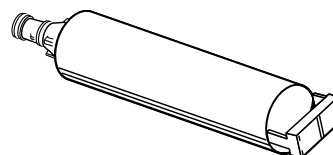
Test Parameters: pH = 7.5 ± 0.5 unless otherwise noted. Flow = 0.50 gpm (1.89 Lpm). Pressure = 60 psig (413.7 kPa). Temp. = 68°F to 71.6°F (20°C to 22°C). Rated service capacity, WF-NLC240V = 240 gallons (908 liters).

The compounds certified under NSF 401 have been deemed as “emerging compounds/incidental contaminants.” Emerging compounds/incidental contaminants are those compounds that have been detected in drinking water supplies at trace levels. While occurring at only trace levels, these compounds can affect the public acceptance/perception of drinking water quality.

- It is essential that operational, maintenance, and filter replacement requirements be carried out for the product to perform as advertised. Property damage can occur if all instructions are not followed.
- The disposable cartridge must be changed at least every 6 months.
- Use replacement filter Part #46 9083. 2016 suggested retail price of \$54.99 U.S.A./\$54.99 Canada. Prices are subject to change without notice.
- The filter monitor system measures the amount of water that passes through the filter and alerts you when it is time to replace the filter. To learn how to check the water filter status, see “Using the Controls” or “Water Filtration System” in the User Instructions or User Guide.
- After changing the water filter, flush the water system. See “Water and Ice Dispensers” or “Water Dispenser” in the User Instructions or User Guide.
- These contaminants are not necessarily in your water supply. While testing was performed under standard laboratory conditions, actual performance may vary.
- The product is for cold water use only.
- The water system must be installed in compliance with state and local laws and regulations.
- 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. EPA Est. No. 91736-MEX-001
- Refer to the “Warranty” section for the Manufacturer’s limited warranty, name and telephone number.

### Application Guidelines/Water Supply Parameters

Water Supply	Potable City or Well
Water Pressure	30 - 120 psi (207 - 827 kPa)
Water Temperature	33° - 100°F (0.6° - 37.8° C)
Service Flow Rate	0.50 GPM (1.89 L/min.) @ 60 psi.



\* Class I particle size: >0.5 to <1 um

\*\*\* Compliant for Lead reduction requirements under NSF/ANSI Standard 53 as tested by Pace Analytical Services, Inc.

† Based on the use of *Cryptosporidium parvum* oocysts

†† Fibers greater than 10 um in length

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