

Performance Data Sheet

SmartWater Filtration System—GE Appliances GSWF Cartridge

This system has been tested and certified in filter model GE Appliances GSWF according to NSF/ANSI Standards 42 and 53 for 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 and 53.*

MODEL - GSWF Capacity 300 Gallons

Substance Tested for Reduction	Average Influent mg/L	NSF Specified Challenge Concentration	Average Product Water Concentration	Max Permissible Product Water Concentration	NSF Reduction Requirements
Chlorine, Taste, and Odor	1.85 mg/L	2.0mg/L $\pm$ 10%	0.1mg/L	N/A	$\geq$ 50%
Particulate Class I	1500000 particles/mL	At least 10,000 particles/mL	7550 particles/mL	N/A	$\geq$ 85%
Cyst (Microspheres)	4,725,000 cysts/L	Minimum 50,000 cysts/L	<170 cysts/L (>99.99% reduction)	N/A	$\geq$ 99.95%
Atrazine	0.009 mg/L	0.009mg/L $\pm$ 10%	.0001 mg/L	0.003 mg/L	N/A
Benzene	0.013 mg/L	0.015 mg/L $\pm$ 10% $\pm$	0.001 mg/L	0.005 mg/L	N/A
Lead 8.5 pH	0.15 mg/L	0.15 mg/L $\pm$ 10%	0.001 mg/L	0.010 mg/L	N/A
Lead 6.5 pH	0.15 mg/L	0.15 mg/L $\pm$ 10%	0.001 mg/L	0.010 mg/L	N/A
Lindane	0.002 mg/L	0.002 mg/L $\pm$ 10%	0.00001 mg/L	0.0002 mg/L	N/A
Turbidity	11.5 NTU	11 $\pm$ 1 NTU	0.1 NTU	0.5NTU	N/A

Application Guidelines/Water Supply Parameters

Service Flow	0.5 gpm (1.9 lpm)
Water Supply	Potable Water

Water Pressure	40-120 psi (2.8-8.2 bar)
Water Temperature	33°F-100°F (0.6°C-38°C)

It is essential that the manufacturer's recommended installation, maintenance and filter replacement requirements be carried out for the product to perform as advertised. See Installation Manual for Warranty information.

Special Notices

- This drinking water system must be maintained according to manufacturer's instructions, including replacement of filter cartridges.
- The contaminants or other substances removed or reduced by this watertreatment system are not necessarily in your water.
- Check for compliance with the applicable state and local laws and regulations.
- Note that while the testing was performed under standard laboratory conditions, actual performance may vary. Systems must be installed and operated in accordance with manufacturer's recommended procedures and guidelines.
- 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 (552 kPa), you should 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.
- Product certified by IAPMO R&T, which reviews product for material safety, structural integrity, and performance claims on an ongoing basis.



Model GSWF is certified by IAPMO R&T against NSF/ANSI Standard 42 and 53 for the reduction of the claims specified on the Performance Data Sheet.