

# Specifications & Performance Claims

SPECIFICATIONS	
Supply Water Pressure Min. - Max.	30 - 100 psi (207 - 689 kPa)
Supply Water Temperature Min. - Max.	40 - 100 °F (4 - 38 °C)
Rated Service Flow	0.5 gallons per minute (1.89 liters per minute)
Inlet - Outlet	1/4" quick connect fittings

This filter improves the taste and odor and reduces many chemical contaminants in drinking water.

This system has been tested according to NSF/ANSI 42 and 53 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 and 53. The testing was performed using spiked tap water at a flow rate of 0.5 GPM (1.9 L/min.), pH of 7.5 ±0.5, pressure of 60 PSIG, and temperature of 68 ±5°F.

**IMPORTANT NOTICE:** Read this performance data and compare the capabilities of this unit with your actual water treatment needs. It is recommended that, before purchasing a water treatment unit, you have your water supply tested to determine your actual water treatment needs. This filter system is designed to be used for the reduction of the performance claims listed below. Do not use where water 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. While testing was performed under standard laboratory conditions, actual performance of the system may vary based on local water conditions. Some or all of the contaminants reduced by this unit may not be in your water supply. **See elsewhere in this manual for instructions on filter cartridge replacement, system installation, operating procedures, and warranty. The maintenance instructions must be followed for the product to perform as indicated below.**

**NOTE:** See labels on the water treatment system for additional information.

PERFORMANCE CLAIMS						
Contaminant	Required Influent Level (mg/L) <sup>②</sup>	NSF Max. Permissible Effl. Level (mg/L) <sup>②</sup>	Average Influent Level (mg/L) <sup>②</sup>	Avg. / Max. Effluent Level (mg/L) <sup>②</sup>	Avg. / Min. Percent Removal	EPA <sup>①</sup> Max. Contaminant Level (mg/L) <sup>②</sup>
Cyst	≥50,000 #/mL <sup>④⑤</sup>	99.95% <sup>③</sup>	150,000 #/mL <sup>④</sup>	<1 / <1 #/mL <sup>④</sup>	99.9 / 99.9	None <sup>⑥</sup>
Lead @ pH 6.5	0.15 ±10%	0.010	0.152	0.001 / 0.001	99.3 / 99.3	0.015
Lead @ pH 8.5	0.15 ±10%	0.010	0.150	0.001 / 0.001	99.3 / 99.3	0.015
Atrazine	0.009 ±10%	0.003	0.0092	0.0019 / 0.0022	87.3 / 76.8	0.003
Lindane	0.002 ±10%	0.0002	99.0	0.00002 / 0.00002	99.0 / 99.1	0.0002
Turbidity	11 ±1 NTU	0.5 NTU	11 ±1 NTU	0.2 / 0.4 NTU	98.5 / 96.4	None
<b>Substance</b>						
Chlorine Taste & Odor	2.0 ±10%	50% <sup>③</sup>	2.0	0.05 / 0.08	97.5 / 96.2	None <sup>⑥</sup>
Particulate Class I	10,000 mg/L	85%	9,000,000 particles/mL	14,000 / 14,000	99.9 / 99.8	None

① Environmental Protection Agency maximum contaminant level as required under the Safe Drinking Water Act.

② Milligrams per liter, which is equivalent to parts per million (PPM).

③ NSF minimum percent reduction requirement. Acceptance level for this substance is based on percent reduction, rather than maximum effluent concentration.

④ Particles per milliliter.

⑤ Microspheres was used as a surrogate.

⑥ The EPA has not determined a maximum contaminant level for this chemical.