

Performance Data

Model WHAFFS Kitchen & Bath Water Filtration System

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 this 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 owner's manual for further 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.

PERFORMANCE CLAIMS		
Substance	NSF Required Influent Challenge Level (mg/L) ¹	NSF Max. Permissible Product Water Concentration (mg/L) ¹
Benzene	0.015 ±10%	0.005
Chlorine Taste & Odor	2.0 ±10%	1.0
Cyst	≥50,000 #/mL ²	99.95% ³
Lead @ pH 6.5	0.15 ±10%	0.010
Lead @ pH 8.5	0.15 ±10%	0.010
Mercury @ pH 6.5	0.006 ±10%	0.002
Mercury @ pH 8.5	0.006 ±10%	0.002
Particulate, Class I (0.5 to <1 micron)	10,000 #/mL ⁴	85% ³

¹ Milligrams per liter, which is equivalent to parts per million (PPM).

² Particles per milliliter.

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

General Information

This system has been tested according to NSF/ANSI 42 and 53 for reduction of substances listed above. 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 1.85 gallons per minute (7.0 L/min.), pH of 7.5 ± 0.5, pressure of 60 psig, and temperature of 68 ± 5°F.

This product is protected by U.S. patent no's: 6,866,704; 6872.311; 7,276,166; 7,296,691; 7,241,388; 7,287,650; 7,566,014; 8,056,733; applicable U.S. patent applications; foreign patents and foreign patent applications.

Installation Requirements

Pressure Range30-100 psig (207-689 kPa)

Temperature Range40-100°F (5-38°C)

Service Flow Rate1.85 GPM (7.0 LPM)

Service Life2000 gallons (7570 Liters)

Maintenance

Filter cartridges should be replaced every 2000 gallons or six months, whichever comes first. For replacement elements, call 1-800-986-3223 or contact your nearest Lowe's store. Replacement filter prices will vary. Estimated cost of replacement filter cartridge WHAFFS ranges from \$70 to \$100.

System tested and certified by NSF International against NSF/ANSI Standard 42 for the reduction of chlorine taste and odor and particulate reduction, and NSF/ANSI Standard 53 for the reduction of benzene, cyst, lead and mercury.

