



PERFORMANCE DATA SHEET

Model WHELJ1 Central Water Filtration System

IMPORTANT NOTICE: Read this Performance Data Sheet and compare the capabilities of this system 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 claim listed below. Do not use where water is microbiologically unsafe or of unknown quality, without adequate disinfection before or after the system. 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 system may not be in your water supply. See **Installation and Operation Manual** for further instructions, system installation, operating procedures, and warranty. This system works on 24 volt-60 Hz electrical power only. The maintenance instructions must be followed for the product to perform as indicated below.

PERFORMANCE CLAIMS

Contaminant	Require Influent Level (mg/L) ¹	NSF Max. Permissible Eff. Level (mg/L) ¹	Average Influent Level(mg/L) ¹	Average Effluent Level (mg/L) ¹	Average Percent Removal
Chlorine	2.0 ± 10%	50% ²	2.0	0.47	82.5

¹ mg/L means Milligrams Per Liter, which is equivalent to parts per million (ppm).

²NSF minimum percent reduction requirement. Acceptance level for this substance is based on percent reduction rather than maximum effluent concentration.

GENERAL INFORMATION

This filter improves the taste and odor in drinking water. This system has been tested according to NSF/ANSI 42 for the reduction of the substance listed above. The concentration of the indicated substance 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. The testing was performed using spiked tap water at a flow rate of 6.0 gpm (22.7 L/min.), pH of 7.23, pressure of 60 psig, and temperature of 68 ± 5°F.

Manufactured and warranted by Ecodyne Water Systems
 1890 Woodlane Drive
 Woodbury, MN 55125
 1-866-986-3223



System tested and certified by the Water Quality Association against CSA, B483.1.



System tested and certified by NSF International NSF/ANSI Standard 42 for chlorine taste and odor reduction.

INSTALLATION REQUIREMENTS

Pressure Range..... 30-125 psig (2.1-8.8 kg/cm²)
 Pressure Drop at 6.0 gpm..... 10 psi (0.70 kg/cm²)
 Temperature Range..... 40-120°F (4.4-48.9°C)
 Rated Service Flow..... 6 gpm (22.7 lpm)
 Rated Capacity @ 2.0 ppm chlorine..... 570,000 gallons
 Rated Capacity @ 1.5 ppm chlorine..... 760,000 gallons*
 Rated Capacity @ 1.0 ppm chlorine..... 1,140,000 gallons*
 Rated Capacity @ 0.75 ppm chlorine..... 1,520,000 gallons*
 Rated Capacity @ 0.5 ppm chlorine..... 2,280,000 gallons*

Typical residential chlorine concentration is 0.5-1.0 ppm

* From independent laboratory test data

Maintenance

Refer to Installation and Operation Manual for warranty and further details on installation and maintenance.

05/31/11 (Rev. L)
7303182



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