

## Elkay® WaterSentry® Plus Manual & Performance Data Sheet

**IMPORTANT NOTICE:** Read this Performance Data Sheet 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.

**CAUTION:** For use on cold water line only. Do not allow installed filter to freeze.

### RECOMMENDED USE CONDITIONS

System Model	Replacement Element	Working Pressure	Operating Temperature	Flow Rate	Capacity
EWF172	51299C	20 – 105 psi (241 – 724 kPa) (1.4 – 7.4 Kg/cm <sup>2</sup> )	40 – 100° F (5 – 38° C)	1.5 GPM (5.7 L/min)	1,500 gal (5,670 L) 1 Year Maximum



This system has been certified by IAPMO R&T and 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.

Contaminant	Influent Challenge Concentration	Maximum Permissible Product Water Concentration
Particulate, Class I	At least 10,000 particles/mL*	≥ 85% reduction
Chlorine, Taste and Odor	2.0 mg/L ± 10%	≥ 50% reduction
Lead†	0.15 mg/L ± 10%	0.005 mg/L
Cysts	Minimum 50,000/L	≥ 99.95% reduction

\*Particulate, Class I size: 0.5 to < 1µm  
†Soluble and particulate lead

Not all water will contain contaminants listed. Performance will vary depending on local water conditions. While testing was performed under standard laboratory conditions, actual performance may vary. 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. Filter installation and usage must comply with applicable local and state regulations.



## Installation Instructions

**CAUTION: To avoid danger of an electric shock hazard, disconnect power to your unit before installing the filter.**

If the filter head and bracket are pre-installed within another product, skip to step 3 of the FILTER REPLACEMENT INSTRUCTIONS below. If the filter head and bracket are not preinstalled within another product:

1. Assemble the filter head to the bracket.
2. Install the bracket in your desired location; do not install the filter head below the cartridge.
3. Connect tubing to the filter head inlet and outlet.
4. Skip to step 3 of the Filter Replacement Instructions below.

## Filter Replacement Instructions

**CAUTION: To avoid danger of an electric shock hazard, disconnect power to your unit before replacing the filter.**

1. Turn off water supply; dispense water to relieve pressure.
2. Turn used filter counterclockwise 1/4 turn to remove from filter head.
3. Remove cap from new filter and use to seal used filter.
4. Write the date of filter installation on the label. Insert new filter into existing filter head and turn fully clockwise so the label with date is clearly visible.
5. Turn on water supply and run water for 10 minutes to purge air and fine carbon particles from filter.
6. Reset the filter monitor, if necessary. See the Use Manual of the dispenser for instructions.

## Limited Warranty

This product is warranted to be free from defects in material and workmanship for a period of one year from the date of installation. Warranty is limited to repair or replacement of defective component.