

# ELKAY®

## SPECIFICATIONS

### WaterSentry® VII Lead Reduction and Sediment- Taste- Odor Filter Kit Model EWF172

#### GENERAL

Lead Reduction Filter designed for use in Elkay water coolers, drinking fountains, classroom bubblers and instant hot and cold water dispensers. Designed to remove lead particles and chlorine. Also reduces odors and discoloration from incoming water.

Features include Quick-Disconnect, 1/4 turn installation. Automatic inlet shut-off valve that closes when filter is removed. Hands never touch the actual filter media and, therefore, limit the potential for introduction of bacteria. Outer protective wrap. Spun Polypropylene prefilter mesh to prevent large, coarse sediment and particles from entering and clogging filter media. High-grade filter is made with activated carbon and patented ATS lead-removal media. Radial flow-thru design provides more surface area for untreated water while final filter mesh prevents loose carbon from entering water.

#### DESIGN FEATURES

Size: 3-1/4" (82.6mm) O.D. x 12-1/2" (317.5mm) length.

Water Inlet Connection: 3/8" (9.5mm) O.D. Tube.

Water Outlet Connection: 1/4" (6.4mm) O.D. Tube.

#### RECOMMENDED USE CONDITIONS

Filter Capacity: 1500 gal. (5678L) or 1 year.

Maximum Flow Rate: 1.5 GPM (5.7L/MIN).

Water Temperature: 40-100°F (4-38°C).

Initial Pressure Drop: 2-5 PSI (14-34kPa).

Maximum Line Pressure: 105 PSI (724kPa).

Minimum Line Pressure: 20 PSI (138kPa).

#### REPLACEMENT FILTER CARTRIDGE

Order part number 51299C.

#### WARRANTY

The WaterSentry® VII is warranted to be free from defects in material and workmanship for a period of one year from date of installation. Warranty is limited to repair or replacement of defective component.

#### STANDARDS

This filter has been tested to the following NSF International standards: NSF/ANSI Standard 42 Chlorine-Class 1, Particulate-Class 1, and Taste and Odor. NSF/ANSI Standard 53 for Reduction of Lead.



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**INSTALLATION INSTRUCTIONS**

The filter must be installed in compliance with all state and local laws and regulations governing the installation and use of this product.

Disconnect electrical power and close water supply valve before proceeding.

The filter must be installed in the cold water line.

Flow indicator (arrow) on filter should point in the same direction as the water flow.

After installing new filter, open water supply valve and check for leaks. Reconnect electrical power supply. Flush system sufficiently (approximately 3 minutes) to effectively remove small residue of carbon fines.

NOTE: A water shutoff valve should be installed on the incoming water line to aid in future servicing of filter.

**CAUTION**

- Filter is designed to reduce lead from incoming water to levels below EPA requirements. Do not use with water that is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the system.
- Use on cold water line only. Do not allow installed filter to freeze. Do not attach hot water line to filter.
- Filter should be replaced every 1500 gallons (5678) liters), or approximately 1 year after installation.

