EASYWATER

LEADSHIELD™

Are you living with unsafe levels of lead, arsenic or fluoride?
Lead Shield uses high surface area media with advanced oxidation filtration and adsorption to remove lead, arsenic, and fluoride. Lead Shield also removes heavy metals and sediment from your home's water.

Our Cities Aging Infrastructure

View from inside a city water main.

The nation's drinking water system and supply lines are so troubled, the American Society of Civil Engineers gave them a grade of D-.

In water systems that serve more than 100,000 people, about 40% of drinking water pipes are more than 40 years old.

Pb

REMOVES **LEAD**

The EPA has set the maximum contaminant level goal for lead in drinking water at zero because lead is a toxic metal that can be harmful to human health even at low exposure levels. Lead is persistent, and it can bioaccumulate in the body over time.

As

REMOVES **ARSENIC**

Arsenic is odorless and tasteless. It can enter drinking water supplies from natural deposits in the earth or from agricultural and industrial practices. Long-term exposure to low levels of inorganic arsenic in drinking water is known to cause human health problems including: cancer, high blood pressure, heart disease and more.

F-

REMOVES **FLUORIDE**

According to the Centers for Disease Control (CDC), approximately 70 percent of the U.S. population ingests fluoride through their community drinking water.

Did you know?

According to the Environmental Protection Agency there is no safe level of exposure to lead or arsenic.*

* EPA's Drinking Water Regulations for Lead. EPA's Final Rule(66FR6976).

LEADSHIELD™

EASYWATER®

Reduces Many Types of:

- ✓ *Lead*
- ✓ *Arsenic*
- ✓ *Fluoride*

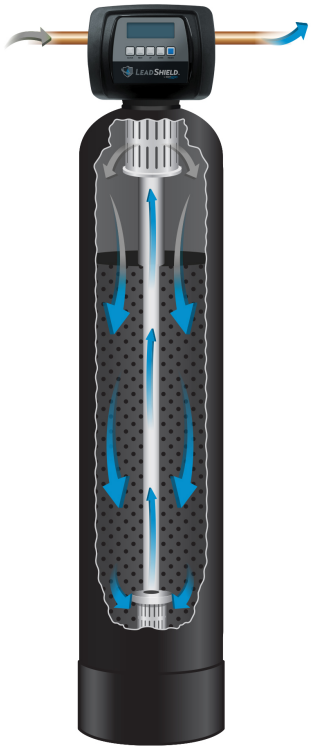
Other Heavy Metals:

- ✓ *Copper*
- ✓ *Uranium*
- ✓ *Vanadium*
- ✓ *Antimony*
- ✓ *Arsenic III*
- ✓ *Arsenic IV*
- ✓ *Mercury*
- ✓ *Molybdenum*
- ✓ *Selenium (IV)*
- ✓ *Cadmium*
- ✓ *Chromium VI*

Warranty:

- ✓ *10 years on tank*
- ✓ *5 years on valve body and electronic controls*

How It Works

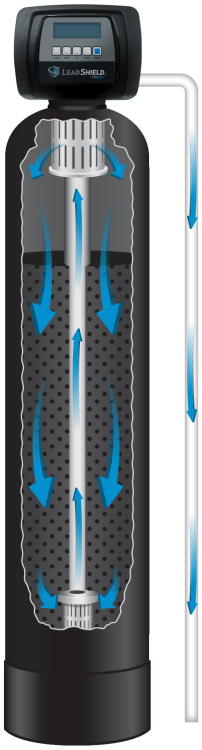


1. In Service

Untreated water enters the filter. Contaminants are trapped in the natural media while dissolved oxygen is added to the water.

2. Backwash

Upward flow of water lifts the filter bed, removing trapped contaminants and increasing the life of the media.



3. Fast Rinse

Media has been regenerated without the use of chemicals. Filter bed is packed down to prepare for the next filtration cycle.

Specifications:

Model	Optimal Flow Rate	Min Backwash Flow Rate	Tank Size
LS 1000	< 4 gpm	5 gpm	10” x 54”
LS 2000	< 7.3 gpm	9 gpm	13” x 54”
LS 3000	< 11.1 gpm	13 gpm	16" x 65”

Pre-treatment is required if bacterial iron or sulfur-reducing bacteria is present. Consult your EasyWater Authorized Dealer for pre-treatment options.

This is not a disinfection system. Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before and after the system. Lead Shield is not designed to remove colloidal or other low micron particles such as colloidal iron or submicron tannins. Additional treatment may be required.

A sampling port on the outlet side of the system is required (not provided) for any future water quality testing or analysis. The sampling port must be installed within 2' (linear) of the Main Control Valve's outlet.

For maximum media filtration life pretreatment of iron, manganese and tannins is recommended.

Larger sizes available and custom system configurations available.

Constructed of NSF and/or FDA approved materials.