WATER THAT'S GOOD
for your family, your home, and your pets

Freedom Water 4-Stage Arsenic System

Specifications

FW-SPS-ARS-1354	FW-SPS-ARS-1054
4-stage filtration	4-stage filtration
Treats up to 5 bathrooms	Treats up to 3 bathrooms
≈2,000,000 gallon capacity	≈1,000,000 gallon capacity
Service flow up to 25 GPM	Service flow up to 20 GPM
Digital automatic backwash	Digital automatic backwash
Tank size: 13" x 54"	Tank size: 10" x 54"

Freedom Water Systems
5502 S. Fort Apache #100 | Las Vegas, NV
89148 Phone: 855-957-2166 (toll free)
www.FreedomWaterSystems.com

Arsenic Series
4-Stage Well Water Filtration & Conditioning System

The "Freedom Water Titan Series" is specifically designed to remove arsenic III and arsenic V, lead, cadmium, copper, chromium +6, selenium, antimony, mercury, zinc, and even uranium from household well water.

The media used in the Titan Series is a highly effective granular adsorbent that removes arsenic III & V, and a wide variety of heavy metals including Lead, Cadmium, Copper, Chromium+6, Selenium, and Zinc from aqueous sources. The adsorbent technology utilizes a patented titanium compound to adsorb arsenic III and arsenic V, as well as a wide range of other contaminants in the water. The increased surface area afforded by Titanium coupled with advanced pore volume provides excellent kinetics of adsorption.

The "Freedom Titan Series" is the most eco-friendly system available for arsenic and toxic heavy metal reduction. The media is long lasting and upon disposal, it has consistently tested nonhazardous for disposal classification. The backwash discharge does not contain concentrated contaminant levels. Accordingly, the discharge water is safe for septic or sewer systems. Similarly, since the arsenic is permanently adsorbed, spent media is safe for landfills. Not only does it protect the environment from leaching heavy metals, it also conserves water, as the backwash will only run for approximately 10 minutes every 2 weeks.

Our media is NSF Standard 61 approved, and has received regulatory approval from agencies across the United States and Canada.

Given the potential seriousness of arsenic and heavy metal contamination of drinking water, it is recommended water be tested every 90 days. Inexpensive testing kits can be easily purchased online. Please ask your Freedom Water Systems Specialist for assistance if needed.

For arsenic levels exceeding 60 parts per billion or 0.060 mg/l additional water treatment equipment may be needed. Please consult with your Freedom Water Specialist for further assistance if needed.

Features and Benefits

- 10-Year Warranty
- 30 Day Satisfaction Guarantee
- No day to day Maintenance
- Does not require chemical regeneration
- Lowest cost per gallon compared to operation of other arsenic removal systems
- Highest performing arsenic reduction system available
- Removes both Arsenic III and Arsenic V
- Removes other heavy metals such as lead, cadmium, copper, chromium +6, selenium, antimony, mercury, zinc, and uranium
- High tech digital control valve
- Environmentally safe system will not leach arsenic back into the environment
- Automatic backwash to ensure system efficiency and long service life
- Stainless bypass valve included for easy installation
- Made in the U.S.A.

Stages of Filtration:

Stage 1: Activated Alumina
This ceramic media was designed specifically to have a high affinity for fluoride and has been investigated as an adsorbent for defluoridation and it is found to have a good affinity for uptaking fluoride ions from water.

Stage 2: Garnet Mineral Stone
Water passes through a layer of natural minerals removing suspended solids, and sedimentation down to 10 microns. This allows for maximum water distribution and backwash efficiency.

Stage 3: Titanium Oxide
Effectively removes arsenic III & V and a wide variety of heavy metals including lead, cadmium, copper, chromium+6, selenium, and zinc from your drinking water.

Stage 4: Quartz Mineral Stone
Water passes through a media bed of quartz mineral stone removing suspended solids, and sedimentation down to 20 microns.

Vortech™ Plate Technology
The world's most innovative and efficient universal distribution system for water treatment systems, in filtration and softening applications. The design creates fluidity of the media bed and extends contaminant removal capacity up to 80%; which means less regenerations and significant reduction of water use.

IAPMO

Gold
Green Business Certified

10 YEAR WARRANTY
10 YEARS
10 YEAR WARRANTY

MEMBER
Water Quality ASSOCIATION

Components comply with with NSF/ANSI Standards 42 and 61

MADE IN USA

BBB ACCREDITED BUSINESS