

# SAFETGARD® POINT-OF-ENTRY FILTRATION

Self-Cleaning  
Point-of-Entry Filtration



## WHY POE FILTRATION?

Damage caused by sediment and iron-based corrosion particulates can be extremely expensive and time-consuming to repair. The SafeTGard self-cleaning filtration system improves incoming water quality by removing sediment, corrosion, and biofilm deposits at the point of entry.

Compared to other traditional filtration technologies, the SafeTGard system saves up to 90% more water and involves far less maintenance and inspection.

## BENEFITS

- ✓ **Fast sediment removal**  
Backwashing is completed in seconds.
- ✓ **Low operational cost**  
No consumables required.
- ✓ **Easy and minimal maintenance**  
No need to remove the screen for cleaning.



### Unique Self-Cleaning Design

There are no consumable filter cartridges or need to remove the screen for manual cleaning. The self-cleaning design allows for continuous flow.



### High Efficacy Filtration

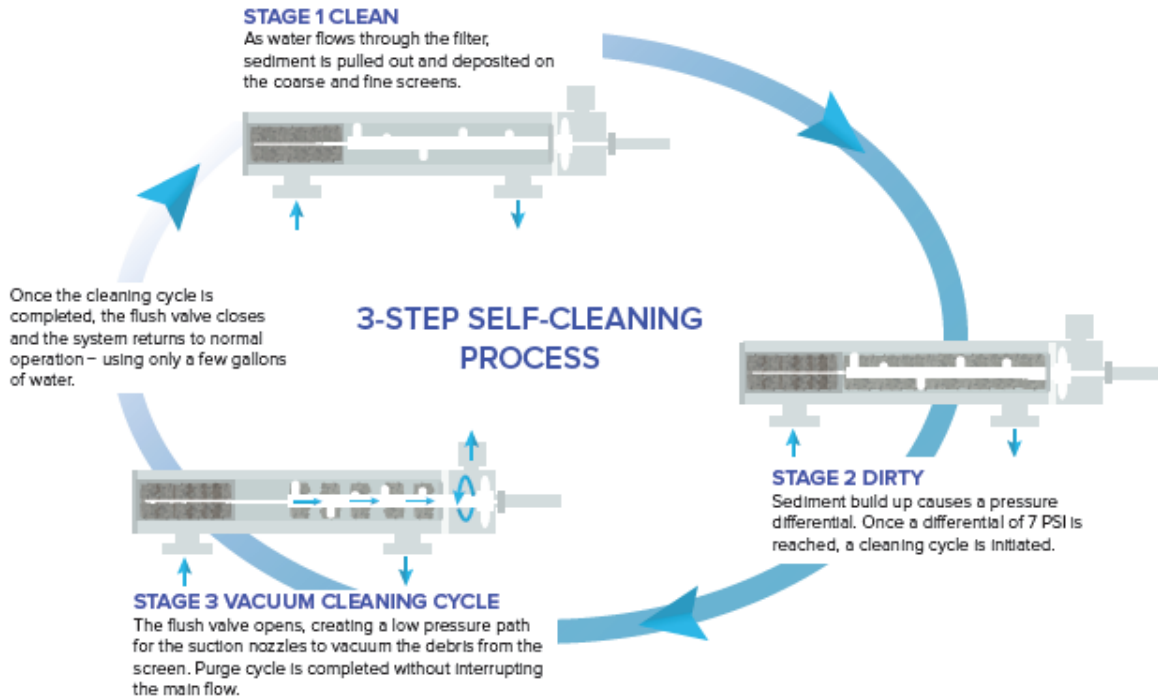
Less than 0.1% of water sent to drain after filtration.



### Reduces Bacterial Growth

Eliminates potential build-up of nutrients contributing to bacterial and biofilm growth.

## HOW IT WORKS



## TECHNICAL SPECIFICATIONS

- ✓ Line Line Sizes: 2"–24"
- ✓ Flow Rate: 10–20,000 gpm
- ✓ Screen Opening: 2 - 100 microns
- ✓ Filtration Material: Sanitary 316 Stainless Steel
- ✓ Pressure: 45–200 psi
- ✓ Temperature Limit: 160°F
- ✓ Flush Valve Size: 1", 1.5", & 2"
- ✓ Flush Flow Rate: 40–160 gpm
- ✓ Flush Duration: 4-6 seconds per filter
- ✓ Flushing Volume: Typically less than 0.01% of total water use per day
- ✓ NSF 61 Approved and Certified
- ✓ Sanitary 316 stainless steel media and SS housing