



# PFAS Steel Vessel Treatment Systems

## Engineered for Municipal and Industrial Systems

*Built to Last. Sized to Fit. Ready to Perform.*

### Built for the Long Haul

Sentinel steel vessel systems are designed for medium to large municipal and industrial applications where durability and service life are priorities. Steel construction supports continuous operation, outdoor placement, and seamless integration into existing treatment infrastructure, so your investment keeps performing for decades.

### Scales with Your System

Steel vessels can be sized for everything from single municipal wells to full surface water treatment facilities. With larger diameter and higher operating pressure capabilities, Sentinel systems support both your current PFAS removal needs and future expansion, without requiring a redesign.

### Engineered for Maximum Media Performance

Sentinel systems operate with GAC, ion exchange, novel, or blended medias and can be arranged in lead/lag, parallel, or staged treatment trains – giving you the flexibility to optimize for your specific influent concentrations, regulatory targets, and cost goals.

### THE ROUGHING FILTER ADVANTAGE

Sentinel's lead/mid/lag roughing filter configuration increases usable media capacity, extends change-out intervals, reduces carbon waste, and maintains consistent PFAS removal performance over time. For systems focused on long-term efficiency, it is a genuine game changer.



# PFAS Steel Vessel Treatment Systems

Designed for medium to large municipal and industrial systems requiring durable, scalable, long-term PFAS treatment.

## Built for the Long Haul

<b>Carbon steel shell with 304L stainless wetted internals</b>	Corrosion-resistant interior surfaces support long service life across a wide range of raw water conditions
<b>Standard drinking water pressure ratings, including ASME-stamped options</b>	Compatible with municipal operating pressures and hydrant flush hydraulic loads without special fittings
<b>Optional weatherized or containerized system</b>	Ready for outdoor, remote, or cold-weather operation with freeze protection and simplified installation

## Scales with Your System

<b>3' to 12' vessel diameters</b>	Scales from single-well municipal systems to full treatment plant applications without redesign
<b>Fork-compatible base or concrete pad mounting</b>	Simplifies installation and allows for full-vessel swaps
<b>Lead/Lag or Roughing Filter (3-vessel) configurations</b>	Sentinel's lead/mid/lag approach increases usable media capacity from ~45% to over 80%, extending change-out intervals and reducing waste

## Engineered for Maximum Media Performance

<b>Supports GAC, ion exchange, novel, and blended media</b>	Optimize your treatment strategy for influent PFAS profile, regulatory targets, and life-cycle cost goals
<b>Flexible treatment train arrangements</b>	Configure in lead/lag, parallel, or staged trains to match site-specific performance and operational requirements

## Supported by Sentinel

Whether you prefer hands-on Sentinel support or a trained local team, we'll make sure your system runs smoothly from day one.



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*Call before you treat*