



# MURMAX™ Polymer Vessels

## Rethinking Media Filtration for Small and Rural Systems

*Less Downtime. More Control. Lower Costs.*

### **Back Online. Fast.**

The flanged vessel heads are engineered for speed, allowing media to be removed or the entire vessel exchanged quickly with minimal disruption to service. For small and rural systems with limited staff, this means change-outs can be completed with fewer people in less time, so communities stay connected to clean water without extended outages.

### **More Control Over Your Configuration**

No two sites are the same. Available in 12"–30" diameters and multiple height configurations, polymer vessels can be tailored to your footprint, flow rate, and target EBCT, then configured for the change-out strategy that fits your operation.

### **Lower Costs at Every Change-Out**

Lightweight polymer vessels significantly reduce the labor burden of media handling, transport, and replacement. Unlike steel pressure vessels, they eliminate the need for heavy equipment, confined space protocols, and specialized contractors, keeping change-out costs low and predictable even for systems with tight O&M budgets.



# MURMAX™ Polymer Vessels\*

Designed for small and rural drinking water systems, municipalities, and regional utilities treating PFAS and other contaminants.

## Built for Easy O&M

<b>Flanged vessel design</b>	Quick media removal and full-vessel exchange keeps downtime short and change-outs simple
<b>Lightweight polymer construction (optional fiberglass reinforcement)</b>	Easier handling during installation and media change-out; corrosion-resistant for long service life.
<b>Fork-handling or pad-mounted options</b>	Simplifies shipping, setup, and temporary deployments without heavy equipment

## Compatible with Your System

<b>Standard drinking water pressure ratings</b>	Works with typical small system operating pressures without special fittings
<b>304SS or PVC underdrain and internal piping options</b>	Handles diverse treatment media without corrosion or degradation
<b>Media-agnostic design</b>	Supports GAC, IX, and blends – tailor your media strategy to water quality and life-cycle cost goals

## Flexible for Any Application

<b>Lead/Lag or Roughing Filter (3-vessel) configurations</b>	Extends media life and improves treatment efficiency
<b>Optional weatherized or containerized system</b>	Ready for outdoor, unattended, or cold-weather operation
<b>Rapid deployment footprint</b>	Suitable for emergency response, temporary treatment, or permanent installation.

## Supported by Sentinel

Sentinel offers full operational support, or we can train your local staff to run the system confidently and independently – whichever works best for your team.



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*\*Patent Pending*

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