

Engineered for Precision:

The Filternox® Custom Filter Production Process

At Filternox®, custom isn't extra—it's built in. Every filter we deliver is engineered and manufactured to your exact specifications.



What Makes Custom Design Possible at Filternox®?

No Stock of Finished Filters

No stock of finished filters—each unit is built from scratch to meet your specific requirements.

End-to-End Control

All specs, CAD, and materials managed 100% in-house.

Critical Parts, Always Ready

Key components are stocked for rapid production.

Data-Driven Engineering

Designs informed by decades of real-world performance data.

Expert Teamwork

Engineers, automation pros, and designers under one roof.

Tested to Perform

Every filter undergoes full-scale testing—no shortcuts.

The result? Precision filtration systems built for your most demanding challenges.



From concept to commissioning, every detail is engineered with precision, because reliable performance starts with getting it right from the beginning.

Custom Filters

That Fit Where Others Fail

- Designed for vertical, horizontal, or angled mounting
- Built to match tight or irregular footprints
- Prevents maintenance issues caused by generic filters

Why Tailor-Made Matters

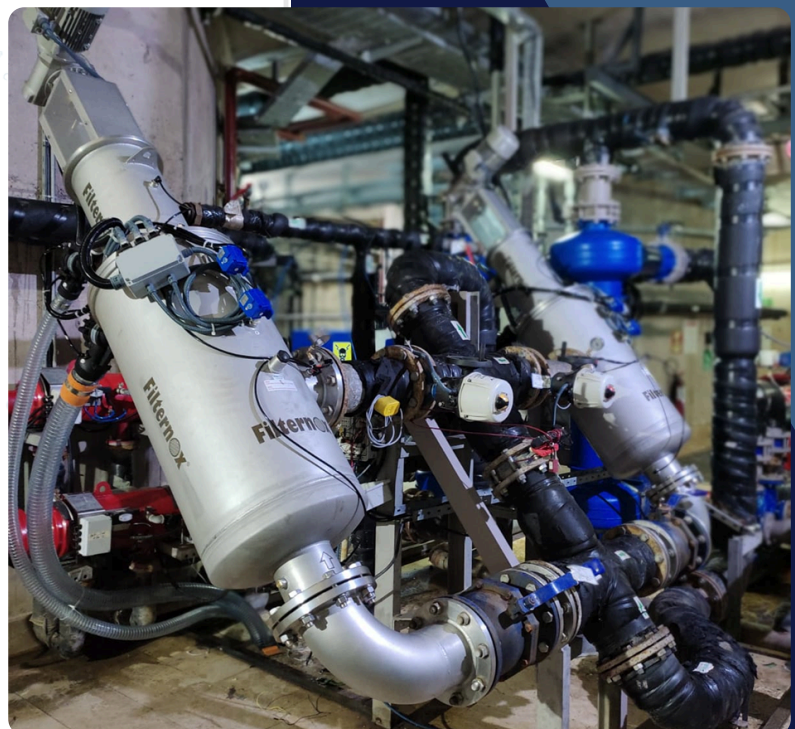
Replacing underperforming, aging filters often means working within rigid constraints—using the same inlet, outlet, and drainage lines without modification.

Filternox® custom-engineers each unit to match and exceed the original system's footprint and performance, delivering superior backwash efficiency and long-term reliability—without rerouting a single pipe.

Custom-Designed to Fit. Engineered to Bypass Constraints.

Filternox® filters mount vertically, horizontally, angled, or overhead—seamlessly integrating without altering your existing setup.

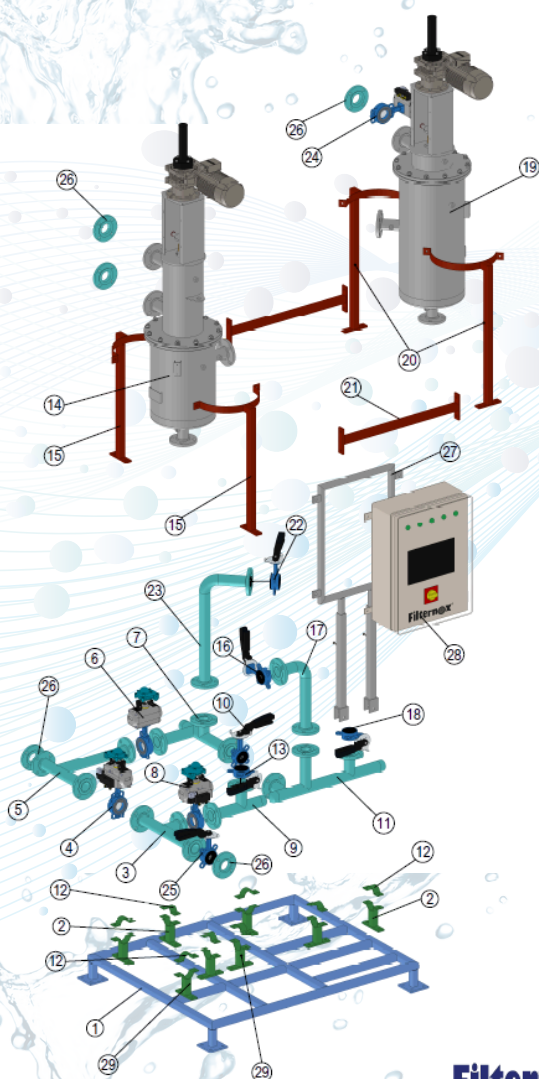
Filternox® filters are engineered for your exact space and conditions.



Modernization Without Modification Precision Upgrades for Legacy Systems

Replacing older filtration systems often requires working with existing piping, making a detailed analysis of flow, dimensions, and integration points essential.

A standout example is our project for the U.S. Navy. Tasked with protecting the RO system on an active vessel, Filternox® engineered a custom modular filter system. Due to spatial constraints, the filter couldn't be installed as a single unit. Instead, it was delivered in a disassembled state and mounted onboard using a defined, step-by-step procedure, similar to assembling a LEGO set.



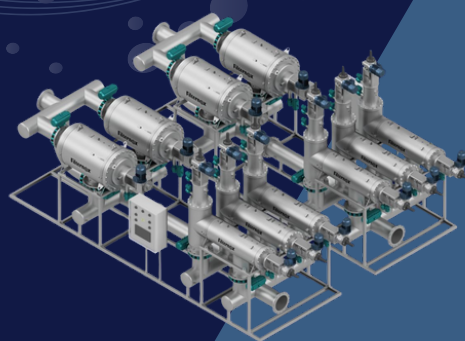
Filternox®

Custom modular Filternox® filter system installed onboard a U.S. Navy vessel—designed for tight-space assembly under operational constraints.

Complex Needs. Customary Work.

At Filternox®, tailored filtration in tight spaces is standard practice—even in the toughest conditions.

Like LEGO, but for engineers—Filternox® designs modular filtration solutions that fit existing systems perfectly, no matter the space or complexity.



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