

# PFAS Filtration Market Poised to Reach USD 3,855.56 Million by 2033, Growing at a CAGR of 7.20% | Astute Analytica





PFAS, known for their persistence in the environment and adverse effects on health, have driven significant attention from industries, governments, and regulatory bodies. The market growth is fueled by advancements in filtration technologies, rising environmental awareness, and stringent regulations to reduce PFAS exposure in water systems and industrial processes.

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The global surge in PFAS filtration market has underscored how these synthetic compounds can accumulate in both wildlife and human tissues, prompting immediate calls for advanced filtration approaches. In 2023, scientists emphasized that thousands of PFAS types persist in industrial discharge and consumer goods, often evading conventional treatment methods. Ion exchange resins and reverse osmosis systems have consequently gained significant attention. This is due to escalating health concerns. Granular activated carbon remains a staple technology, yet emerging data shows it may be more effective when combined with other treatments, especially for short-chain variants. Notably, the FDA has documented PFAS infiltration across

diverse consumer products, reinforcing the urgency of developing stronger purification processes

The PFAS filtration market is gaining attention to the complexity and cost-intensive nature of research, as multiple PFAS types demand tailored solutions. A sector-wide analysis, containing 110 detailed data tables, presents evidence that collaborative efforts between private enterprises and municipal authorities are intensifying to expedite breakthroughs. Concurrently, testing organizations have singled out six top-tier filtration systems capable of handling a broad range of PFAS contaminants, a development that feeds the growing market for point-of-use products. Moreover, local governments facing contaminated water supplies are funding advanced pilot projects—some focusing on novel membranes that target PFAS at smaller molecular scales. Taken together, these developments emphasize that heightened toxicity studies, public concern, and ongoing technological advancements intertwine, forging a powerful driver for PFAS filtration innovation worldwide.

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- AECOM
- Cyclopure Inc.
- Clean Earth
- Veolia
- WSP
- Xylem
- TRC Companies Inc.
- ALTRA SANEXEN
- Calgon Carbon Corporation
- Clean Harbors
- · Battelle Memorial Institute
- Other Prominent Players

<u>https://www.astuteanalytica.com/industry-report/pfas-filtration-market</u>

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- Water Treatment Systems
- · Water Treatment Chemical
- Other Solutions

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- In-situ
- Ex-situ

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- Granular Activated Carbon (GAC)
- Ion Exchange Resins
- Membranes
- Others

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- PFOS (Perfluorooctane sulfonic acid)
- PFOA (Perfluorooctanoic acid)
- Others

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- Water Treatment
- Air Treatment
- Soil Remediation
- Industrial Effluents

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- Residential
- Agriculture
- Commercial
- Healthcare
- Industrial
- Municipal
- Others

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- North America
- The U.S.
- Canada
- Mexico
- Europe
- Western Europe
- The UK
- Germany

- France
- Italy
- Spain
- Rest of Western Europe
- Eastern Europe
- Poland
- Russia
- Rest of Eastern Europe
- Asia Pacific
- China
- India
- Japan
- · Australia & New Zealand
- · South Korea
- ASEAN
- Rest of Asia Pacific
- Middle East & Africa
- Saudi Arabia
- South Africa
- UAE
- Rest of MEA
- South America
- Argentina
- Brazil
- Rest of South America

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