

# Bulk Filtration Market by Filtration System (Cartridge, Bag, Filter press, Coalescer), End Use (Heavy Equipment, Machinery & Equipment, Commercial Marine, Power Generation), Mounting Type, Fluid Type, Application, Region - Global Forecast to 2030

https://marketpublishers.com/r/B2FFACB0E16BEN.html

Date: October 2024 Pages: 261 Price: US\$ 4,950.00 (Single User License) ID: B2FFACB0E16BEN

# Abstracts

The bulk filtration market is expected to grow from an estimated USD 13.63 billion in 2024 to USD 18.76 billion by 2030, at a CAGR of 5.5% during the forecast period. The increasing demand for sustainable filtration solutions together with stringent environmental regulations and the ever-increasing requirement for circular economy makes a huge opportunity in the market for bulk filtration. Industries are being challenged continuously to adopt cleaner and energy-efficient filtration technology that reduces waste and emissions. Sustainable filters, made from biodegradable or recyclable material, and energy-efficient systems also help the industries meet the regulatory standards while reducing the operational cost. The filtration technologies for water and wastewater reuse are very valuable; such sectors become increasingly concerned about the resources, especially from an investment point of view-chemical processing, mining, and even perhaps areas having automobiles.

"Fuels, by fluid type, is expected to be the largest-growing segment from 2024 to 2030."

The fuels segment is expected to largest growing in the bulk filtration market. Cleaner fuels, such as ULSD, and other low-emission alternatives, mean that advanced filtration systems are needed during their production and transportation to prevent contamination. This upsurge means there is a growing need for bulk filtration systems as the industrial activity is increasing globally, especially in emerging markets. Bulk filtration is required in manufacturing, transportation, and power generation, among



other industries, as a tool to ensure effective operation.

"Liquid-Liquid Filtration, by application, is expected to be the fastest-growing market from 2024 to 2030"

It is expected that the Liquid–Liquid filtration application in the bulk filtration market will grow at a faster rate. This application, especially for marine and industrial uses, involves separating immiscible liquids (like oil and water) or removing contaminants from one liquid phase. The importance of this process lies in the purification of fuel, treatment of lube oil, and bilge water management in marine vessels and also in other industrial operations such as petrochemical refining and wastewater treatment. Such a rapid investment growth in petrochemical infrastructure demands a more advanced filtration solution in a liquid?liquid separation process.

"China to grow at a highest CAGR for Asia Oceania bulk filtration market."

The filtration systems in China play a crucial role in offshore drilling operations in the South China Sea. Such a system will ensure that the filtered drilling fluids, hydraulic oils, and treated water are quality services that would prevent equipment failure and environmental pollution. Given the harsh marine environment, robust filtration solutions are necessary to enhance operational reliability and protect ecosystems. The Chinese government's 14th Five-Year Plan emphasizes sustainable development, pollution control, and resource efficiency. This regulatory framework is driving the bulk filtration market as industries look for advanced filtration solutions to meet stricter environmental standards. Achieving improved fluid cleanliness and reduced emissions from industrial processes is vital for fulfilling these governmental objectives.

In-depth interviews have been conducted with chief executive officers (CEOs), Directors, and other executives from various key organizations operating in the bulk filtration market.

By Company Type: Tier 1- 60%, Tier 2- 25%, and Tier 3- 15%

By Designation: C-level Executives - 35%, Director Level- 25%, and Others- 40%

By Region: North America – 25%, Europe – 25%, Asia Oceania – 30%, South America – 10%, Middle East & Africa – 10%

Note: Other designations include sales managers, marketing managers, product



managers, and product engineers.

The tier of the companies is defined based on their total revenue as of 2023. Tier 1: USD 1 billion and above, Tier 2: From USD 500 million to USD 1 billion, and Tier 3:



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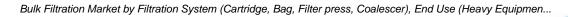


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