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# Water Filtration Equipment: United Kingdom

November 2017



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# About This Report

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## Scope & Method

This report forecasts to 2021 water filtration equipment demand in nominal US dollars at the manufacturer level in the UK. Total demand is segmented by product in terms of:

- sand filtration
- cartridge filtration
- other conventional filtration such as activated carbon, diatomaceous earth, garnet, kinetic degradation fluxion media, and non-activated anthracite coals
- microfiltration
- reverse osmosis
- ultrafiltration
- other membranes such as nanofiltration, pervaporation, and electrodialysis

Total demand is also segmented by market as follows:

- municipal
- manufacturing
- other markets such as aquaculture, commercial and residential, environmental remediation, mining, oil and gas, and power generation

To illustrate historical trends, total demand is provided in annual series from 2006 to 2016; the various segments are reported at five-year intervals for 2006, 2011, and 2016.

Excluded from the scope of this report are basic filtration screens, water treatment chemicals, other types of water treatment equipment such as disinfection equipment, and non-treatment equipment such as monitoring and metering systems, pipes and tanks, and pumps.

This report quantifies trends in various measures of growth and volatility. Growth (or decline) expressed as an average annual growth rate (AAGR) is the least squares growth rate, which takes into account all available datapoints over a period. The volatility of datapoints around a least squares growth trend over time is expressed via the coefficient of determination, or  $r^2$ . The most stable data series relative to the trend carries an  $r^2$  value of 1.0; the most volatile – 0.0. Growth calculated as a compound annual growth rate (CAGR) employs, by definition, only the first and last datapoints over a period. The CAGR is used to describe forecast growth, defined as the expected trend beginning in the base year and ending in the forecast year. Readers are encouraged to consider historical volatility when assessing particular annual values along the forecast trend, including in the forecast year.

## About This Report

For any given historical year, US dollar amounts are obtained from values expressed in applicable local currency. These local currency values are converted to US dollars using a constant 2016 exchange rate. For forecast years, the US dollar amounts assume the same annual exchange rate as that prevailing in 2016. All figures cited are in US dollars unless otherwise specified.

Key macroeconomic indicators are also provided with quantified trends. Other various topics, including profiles of pertinent leading suppliers, are covered in this report. A full outline of report items by page is available in the Table of Contents.

## Sources

*Water Filtration Equipment: United Kingdom (FB70037)* is based on [Global Water Filtration Equipment Markets](#), a comprehensive industry study published by The Freedonia Group. Reported findings represent the synthesis and analysis of data from various primary, secondary, macroeconomic, and demographic sources including:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- national, regional, and international non-governmental organizations
- trade associations and their publications
- the business and trade press
- indicator forecasts by The Freedonia Group
- the findings of other reports and studies by The Freedonia Group

Specific sources and additional resources are listed in the Resources section of this publication for reference and to facilitate further research.

## Industry Codes

Table 5 | Industry Code Related to Water Filtration Equipment

HS Code	Description
842121	Machinery; for filtering or purifying water

Source: United Nations Statistics Division

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## Resources

### The Freedonia Group

*Global Water Filtration Equipment Markets*, November 2017

### Freedonia Industry Studies

*Global Industrial & Institutional Cleaning Chemicals*, October 2017

*Global Water Disinfection Equipment Market*, August 2017

*Global Water Treatment Chemicals Market*, June 2017

*Drilling Fluids & Chemicals Market in the US*, May 2017

*Global Air & Fluid Filters Market*, January 2017

*Biocides Market in the US*, December 2016

*Wood Preservative Market in the US*, November 2016

*Activated Carbon*, October 2016

*Specialty Surfactants*, August 2016

*Solvents*, July 2016

*Air & Fluid Filters*, April 2016

*Corrosion Inhibitors*, April 2016

*World Activated Carbon*, April 2016

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European Water Treatment Association  
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International Maritime Organization  
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