



Freedonia Focus Reports
US Collection

Water Filtration Equipment: United States

November 2017



CLICK TO ORDER
FULL REPORT
BROCHURE
CLICK TO ORDER
FULL REPORT
www.freedoniafocusreports.com

Table of Contents

1. Highlights	3
2. Market Environment	4
Historical Trends	4
Key Economic Indicators	5
Water Treatment Overview	6
Environmental & Regulatory Factors	7
NAFTA Outlook	8
3. Segmentation & Forecasts	10
Products	10
Conventional Filtration	11
Membranes	12
Markets	14
Municipal	15
Manufacturing	15
Commercial & Residential	16
Oil & Gas	16
Other Markets	17
4. Industry Structure	18
Industry Characteristics	18
Market Leaders	19
Danaher Corporation	19
Ecolab	20
Evoqua Water Technologies	20
5. About This Report	21
Scope & Method	21
Sources	22
Industry Codes	22
Resources	23

List of Tables & Figures

Figure 1 Key Trends in the US Water Filtration Equipment Market, 2016 – 2021	3
Figure 2 US Water Filtration Equipment Demand Trends, 2006 – 2016	4
Table 1 Key Indicators for US Water Filtration Equipment Demand, 2006 – 2021 (US\$ bil)	5
Figure 3 NAFTA Water Filtration Equipment Demand by Country, 2016 (US\$ bil)	8
Figure 4 US Water Filtration Equipment Demand by Product, 2006 – 2021 (US\$ mil)	10
Table 2 US Water Filtration Equipment Demand by Product, 2006 – 2021 (US\$ mil)	10
Figure 5 US Water Filtration Equipment Demand by Product, 2006 – 2021 (%)	13
Figure 6 US Water Filtration Equipment Demand by Market, 2006 – 2021 (US\$ mil)	14
Table 3 US Water Filtration Equipment Demand by Market, 2006 – 2021 (US\$ mil)	14
Figure 7 US Water Filtration Equipment Demand by Market, 2006 – 2021 (%)	17
Table 4 Select Suppliers to the US Water Filtration Equipment Market	19
Table 5 Industry Codes Related to Water Filtration Equipment	22

About This Report

Scope & Method

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

- conventional filtration
- membranes

Total demand is also segmented by market as follows:

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

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.

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 States (FF70037) 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 Codes Related to Water Filtration Equipment

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industrial Classification	
212322	Industrial Sand Mining	1446	Industrial Sand
221310	Water Supply and Irrigation Systems	1781	Water Well Drilling
237110	Water and Sewer Line and Related Structures Construction	3569	General Industrial Machinery and Equipment, NEC
327112	Vitreous China, Fine Earthenware, and Other Pottery Product Manufacturing	3589	Service Industry Machinery, NEC
333319	Other Commercial and Service Industry Machinery Manufacturing	4941	Water Supply
		9511	Air and Water Resource and Solid Waste Management

Source: US Census Bureau

Copyright & Licensing

The full report is protected by copyright laws of the United States of America and international treaties. The entire contents of the publication are copyrighted by The Freedonia Group.

Resources

The Freedonia Group

Global Water Filtration Equipment Markets, November 2017

Freedonia Industry Studies

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

Industrial & Institutional (I&I) Cleaning Chemicals, June 2016

Air & Fluid Filters, April 2016

Corrosion Inhibitors, April 2016

World Activated Carbon, April 2016

World Consumer Water Treatment Systems, January 2016

Freedonia Focus Reports

Activated Carbon: United States

Air & Fluid Filters: United States

Alkalies & Chlorine: United States

Bottled Water: United States

Drilling Fluids & Chemicals: United States

Global Water Treatment Chemicals

Manufacturing: United States

Specialty Biocides: United States

Water Disinfection Equipment: United States

Water Treatment Chemicals: United States

Water: United States

Freedonia Custom Research

Trade Publications

Treatment Plant Operator

Water & Wastes Digest

Water & Wastewater Treatment

Water Intelligence Online

Water Online

About This Report

Water Quality Products

Water Technology

WaterWorld

Agencies & Associations

American Water Works Association

Association of Water Technologies

International Water Association

National Rural Water Association

United States Census Bureau

United States Environmental Protection Agency

Water Quality Association