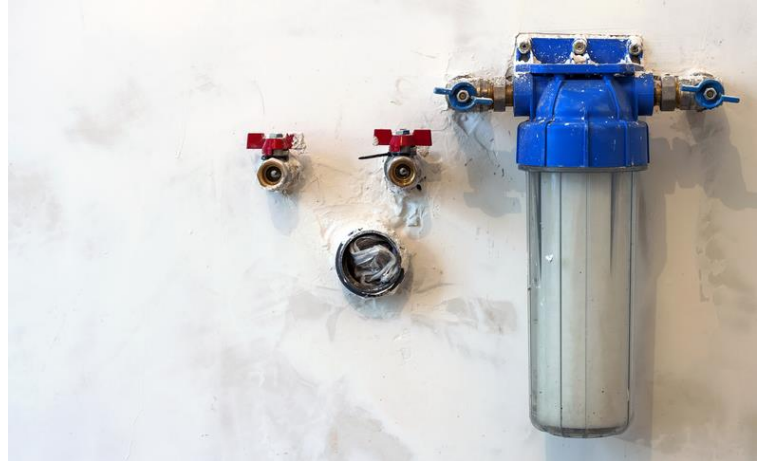


Freedonia Focus Reports
US Collection



Filters: United States

April 2019



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Table of Contents

1. Highlights	3
2. Market Environment	4
Historical Trends	4
Key Economic Indicators	6
Technological Innovations	7
Legal & Regulatory Factors	8
North America Regional Outlook	11
3. Segmentation & Forecasts	13
Products	13
Fluid Filters	14
Internal Combustion Engine Filters	15
Air Filters	16
Markets	18
Transportation Equipment	19
Consumer	19
Utilities	20
Manufacturing	21
Off-Road Equipment	21
Other Markets	22
Supply & Demand	23
4. Industry Structure	25
Industry Characteristics	25
Market Leaders	26
Cummins	28
Donaldson	28
Parker-Hannifin	28
5. About This Report	30
Scope	30
Sources	30
Industry Codes	31
Freedonia Methodology	31
Resources	33

List of Tables & Figures

Figure 1 Key Trends in the US Filters Market, 2017 – 2022	3
Figure 2 US Filters Demand Trends, 2007 – 2017	5
Table 1 Key Indicators for US Filters Demand, 2007 – 2022 (US\$ bil)	6
Figure 3 North America Filters Demand by Country, 2017 (%)	11
Figure 4 US Filters Demand by Product, 2007 – 2022 (US\$ mil)	13
Table 2 US Filters Demand by Product, 2007 – 2022 (US\$ mil)	13
Figure 5 US Filters Demand by Product, 2007 – 2022 (%)	17
Figure 6 US Filters Demand by Market, 2007 – 2022 (US\$ mil)	18
Table 3 US Filters Demand by Market, 2007 – 2022 (US\$ mil)	18
Figure 7 US Filters Demand by Market, 2007 – 2022 (%)	22
Table 4 US Filters Supply & Demand, 2007 – 2022 (US\$ mil)	24
Table 5 Selected Suppliers to the US Filters Market	27
Table 6 NAICS & SIC Codes Related to Filters	31

About This Report

Scope

This report forecasts to 2022 US filter demand and production in nominal US dollars at the manufacturer level. Total demand is segmented by product in terms of:

- fluid filters
- internal combustion engine filters
- air filters

Total demand is also segmented by market as follows:

- transportation equipment
- consumer
- utilities
- manufacturing
- off-road equipment
- other markets such as food and service industry, medical devices, and recreation products

To illustrate historical trends, total demand is provided in annual series from 2007 to 2017; production and the various segments are reported at five-year intervals for 2007, 2012, and 2017.

Membranes are excluded from the scope of this report.

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

Filters: United States (FF70036) is based on *Global Filters*, 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, such as:

- firms participating in the industry, and their suppliers and customers
- government/public agencies
- intergovernmental and non-governmental organizations
- trade associations and their publications

About This Report

- 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 6 | NAICS & SIC Codes Related to Filters

NAICS/SCIAN 2007		SIC	
North American Industry Classification System		Standard Industrial Classification	
333999	All other miscellaneous general purpose machinery manufacturing	3569	General industrial machinery, nec
336399	Other motor vehicle parts manufacturing	3599	Industrial and commercial machinery and equipment, nec
		3714	Motor vehicle parts and accessories

Source: US Census Bureau

Freedonia Methodology

The Freedonia Group, a subsidiary of MarketResearch.com, has been in business for more than 30 years and in that time has developed a comprehensive approach to data analysis that takes into account the variety of industries covered and the evolving needs of our customers.

Every industry presents different challenges in market sizing and forecasting, and this requires flexibility in methodology and approach. Freedonia methodology integrates a variety of quantitative and qualitative techniques to present the best overall picture of a market's current position as well as its future outlook: When published data are available, we make sure they are correct and representative of reality. We understand that published data often have flaws either in scope or quality, and adjustments are made accordingly. Where no data are available, we use various methodologies to develop market sizing (both top-down and bottom-up) and then triangulate those results to come up with the most accurate data series possible. Regardless of approach, we also talk to industry participants to verify both historical perspective and future growth opportunities.

Methods used in the preparation of Freedonia market research include, but are not limited to, the following activities: comprehensive data mining and evaluation, primary research, consensus forecasting and analysis, ratio analysis using key indicators, regression analysis, end use growth indices and intensity factors, purchase power parity adjustments for global data, consumer and end user surveys, market share and corporate sales analysis, product lifespan analysis, product or market life cycle analysis, graphical data modeling, long-term

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historical trend analysis, bottom-up and top-down demand modeling, and comparative market size ranking.

Freedonia 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.

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Resources

The Freedonia Group

Global Filters

Freedonia Industry Studies

Automotive Aftermarket for Filters in North America

Coated Fabrics

Consumer Air Treatment Systems in the US

Consumer Water Treatment Systems in the US

Global Agricultural Equipment

Global Construction Machinery

Global Consumer Water Treatment Systems

Global Forestry Equipment

Global HVAC Equipment

Global Membrane Separation Technologies

Global Mining Equipment

Global Motorcycles

Global Nonwovens

Global Pumps Market

HVAC Equipment

Nonwovens Market in the US

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Global Aquaculture Supplies & Equipment

Household Floor Care Appliances: United States

Motor Vehicles: United States

Paper Industry Machinery: United States

Renewable Energy: United States

Transport Equipment: United States

Water: United States

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Design News

Filtration Industry Analyst

Filtration+Separation

Water & Wastes Digest

Water Online

Water Technology

Agencies & Associations

American Filtration and Separations Society

American Water Works Association

Filter Manufacturers Community

International Organization for Standardization

Occupational Safety and Health Administration

United States Census Bureau

United States Environmental Protection Agency

United States Food and Drug Administration

United States International Trade Commission