Worldwide demand for air and fluid filters is forecast to grow 5.4 percent per year through 2020 to $44.9 billion.

Nearly one-fourth of new growth to exist in China

Over 45 percent of new growth will be in the Asia/Pacific region, over half of which will be attributable to China. China has both poor air and water quality and significant capacity in industries that require pure process fluids, a combination that will offer opportunities for pollution control and purification systems. Indonesia and India are projected to achieve the fastest average annual gains worldwide through 2020, albeit from small bases.

The US was the largest national market for air and fluid filters in 2015. The US market is relatively mature, with much demand linked to replacement requirements from longstanding systems that keep process fluids pure and air and water quality high. Gains in China, the second largest national market, will be primarily attributable to the country's immense manufacturing capabilities, such as equipment that contains air or fluid filters at the OEM level.

Fluid filters to remain dominant

Fluid filters will continue to account for the larger share of global air and fluid filter sales through 2020. Growth in manufacturing processes that require filtered fluids, as well as the greater use of hydraulic machinery, will provide opportunities for fluid filters. The expansion of water and wastewater infrastructure in developing countries, as well as steady replacement requirements from municipalities in developed countries, will also promote fluid filter sales.

Growth in air filter demand will be driven in part by rising concerns over indoor air quality in homes, businesses, and industrial facilities. Government initiatives worldwide to reduce particulate emissions from power generation and certain producing industries will further promote sales.

Over 60 percent of total air and fluid filter demand was attributable to the manufacturing and consumer markets in 2015. Increases in manufacturing activity and more stringent environmental controls will boost filter demand in the manufacturing market. The consumer market will be spurred by a growing number of installed consumer air and water treatment systems.

Study coverage

This report covers the scope, size, and growth of the global air and fluid filters market, including key trends in products and market segmentation. Historical data are provided for 2005, 2010, and 2015 with forecasts for 2020 and 2025. Data is provided in dollar value. Market share is also analyzed and leading global industry participants are profiled.
Global Air & Fluid Filters Market

CONTENTS SUMMARY

INTRODUCTION

EXECUTIVE SUMMARY

MARKET ENVIRONMENT

OVERVIEW

Regional Differences in Air & Fluid Filter Supply & Demand
Demand by Region
Demand by Product
 Fluid Filters
   Fluid Power
   Consumer Water
   Other Fluid Filters
 Air Filters
   Panel & Pocket
   Fabric Air Pollution
   Other Air Filters
Demand by Market
 Manufacturing
 Consumer
 Utilities
 Other
Production by Region
International Trade

NORTH AMERICA

Economic Overview
Air & Fluid Filter Supply & Demand
Air & Fluid Filter Demand by Product
Air & Fluid Filter Demand by Market
United States
Canada
Mexico

WESTERN EUROPE

Economic Overview
Air & Fluid Filter Supply & Demand
Air & Fluid Filter Demand by Product
Air & Fluid Filter Demand by Market
Germany
France
United Kingdom
Italy
Spain
Other Western Europe

ASIA/PACIFIC

Economic Overview
Air & Fluid Filter Supply & Demand
Air & Fluid Filter Demand by Product
Air & Fluid Filter Demand by Market
China
India
South Korea
Taiwan
Australia
Indonesia
Other Asia/Pacific

OTHER REGIONS

Central & South America
Economic Overview
Air & Fluid Filter Supply & Demand
Air & Fluid Filter Demand by Product
Air & Fluid Filter Demand by Market
Brazil
Other Central & South America
Eastern Europe
Economic Overview
Air & Fluid Filter Supply & Demand
Air & Fluid Filter Demand by Product
Air & Fluid Filter Demand by Market
Russia
Poland
Other Eastern Europe
Africa/Mideast
Economic Overview
Air & Fluid Filter Supply & Demand
Air & Fluid Filter Demand by Product
Air & Fluid Filter Demand by Market
Turkey
Other Africa/Mideast

INDUSTRY STRUCTURE

Industry Composition
Market Share
Competitive Strategies
Research & New Product Development
Marketing & Distribution
Mergers & Acquisitions
Cooperative Agreements
Company Profiles

TABLES & CHARTS

EXECUTIVE SUMMARY

1 Summary Table

OVERVIEW

1 Global Air & Fluid Filter Demand by Region (million dollars)
   Cht Global Air & Fluid Filter Demand by Region, 2015
2 Global Air & Fluid Filter Demand by Product (million dollars)

INDUSTRY STRUCTURE

1 Global Air & Fluid Filter Sales by Company, 2015 (million dollars)
   Cht Global Air & Fluid Filter Market Share, 2015
2 Selected Acquisitions & Divestitures
3 Selected Cooperative Agreements

Tables for each region/country:
Air & Fluid Filter Supply & Demand
Air & Fluid Filter Demand by Product
Air & Fluid Filter Demand by Market

Charts for each region:
Air & Fluid Filter Demand by Country, 2015
... plus macroeconomic indicators
Taiwan: Air & Fluid Filter Demand by Market

Manufacturing was the largest market for air and fluid filters in Taiwan in 2015, with 42 percent of sales. Gains in air and fluid filter demand in the manufacturing market are expected to post the second fastest gains through 2020 by rising interest in recycling industrial water, coupled with stringent wastewater treatment activities and standards. Advances will be driven by membrane separation technologies, which will primarily improve local air quality control, although the presence of industries such as electronics and chemicals that use cleanrooms will also spur demand.

The consumer market was the second largest air and fluid filter outlet in 2015, with 38 percent of sales. Gains in per capita incomes and rising interest in home water purification and indoor air treatment systems will drive related filter sales. However, the moderation in building construction activity will prevent even more rapid rises in sales of HVAC filters.

The utilities market is expected to post gains of 4.1 percent annually through 2020 by ongoing efforts to improve the quality of municipal water. Taiwan’s municipal water utilities have been adversely affected over the years by shortages brought on by factors such as waste, aging water infrastructure, and the high level of industrial and agricultural water usage. Moreover, less consistent rainfall patterns have created groundwater supply disruptions and depletion, which generally degrade water quality. The Taiwanese government has become more assertive about addressing the nation’s water issues, such as encouraging conservation and building new desalination plants, which use conventional filtration for pretreatment and post-treatment steps. Furthermore, efforts to improve air quality will also spur greater use of air filters in power plants to keep equipment running efficiently and to minimize emissions.

Table 5-7 | France: Air & Fluid Filter Supply & Demand (million dollars)

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<th>Item</th>
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<td>Population (million persons)</td>
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<td>Households (million)</td>
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<td>Nonagriculture Water Use (bil m³)</td>
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<td>HVAC Equipment Demand (mil $)</td>
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<td>Manufacturing Value Added (bil 2014$)</td>
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Source: The Freedonia Group

Table 7-17 | Poland: Air & Fluid Filter Demand by Product (million dollars)

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<th>Item</th>
<th>2005</th>
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<td>Air Purification</td>
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Source: The Freedonia Group

This study can help you:

• Determine your market & sales potential
• Learn more about industry competitors
• Assess new products & technologies
• Identify firms to merge with or acquire
• Complement your research & planning
• Gather data for presentations
• Confirm your own internal data
• Make better business decisions

For complete details on any study visit www.freedoniagroup.com
Global Air & Fluid Filters Market
Industry Study with Forecasts for 2020 & 2025

Study #3443
January 2017
$6400

Related Studies

Air & Fluid Filters
Sales of air and fluid filters in the US will expand 3.8 percent annually to $9.7 billion in 2020. Advances will be fueled by a positive economic outlook and increasing consumer attention to domestic indoor air quality and tap water purity. The utilities and consumer segments will be the fastest growing markets. Air filters will slightly outpace the dominant fluid filters segment. This study analyzes the $8.1 billion US filter industry, with forecasts for 2020 and 2025 by filter medium, product, and market. The study also evaluates company market share and profiles industry players.

#3579..................April 2016.................... $5500

World Consumer Air Treatment Systems
Global demand for consumer air treatment systems will rise at a double-digit annual rate to more than $10 billion in 2019. China will account for more than 80 percent of gains, driven by poor urban air quality, a growing middle class, and increasing access to a wider variety of consumer air cleaning systems. This study analyzes the $8.2 billion global market for consumer air treatment systems, with forecasts for 2019 and 2024 by product and technology for 6 world regions and 15 major countries. The study also details company market share and profiles industry players.

#3470........................ March 2016.............. $6400

World Consumer Water Treatment Systems
Global demand for consumer water treatment systems will advance nearly 12 percent annually to $16.3 billion in 2019. Sales of point-of-use (POU) systems will outpace those for point-of-entry (POE) systems. The Asia/Pacific and Africa/Mideast regions will be the fastest growing markets. This study analyzes the $9.4 billion world consumer water treatment system industry, with forecasts for 2019 and 2024 by type and technology for six world region and 18 major countries. The study also evaluates company market share and profiles industry participants.

#3360.................... January 2016................ $6400

World Membrane Separation Technologies
World demand for membranes will rise 8.5 percent annually to $26.3 billion in 2019. Industrializing countries such as India, China, Russia, Poland, and Brazil will show strong growth, while developed areas will remain intensive membrane users. Reverse osmosis, ultrafiltration, and nanofiltration will see above average growth. This study analyzes the $17.5 billion global membrane industry, with forecasts for 2019 and 2024 by product and market for six world regions and 21 major countries. The study also evaluates company market share and profiles industry players.

#3328................... September 2015............... $6500

Freedonia’s methods

• Establishing consistent economic & market forecasts
• Using input/output ratios, flow charts & other economic methods to quantify data
• Employing in-house analysts who meet stringent quality standards
• Interviewing key industry participants, experts & end users
• Researching a proprietary database that includes trade publications, government reports & corporate literature

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The Freedonia Group is a leading international industry market research company that provides its clients with information and analysis needed to make informed strategic decisions for their businesses. Studies help clients identify business opportunities, develop strategies, make investment decisions and evaluate opportunities and threats. Freedonia research is designed to deliver unbiased views and reliable outlooks to assist clients in making the right decisions. Freedonia capitalizes on the resources of its proprietary in-house research team of experienced economists, professional analysts, industry researchers and editorial groups. Freedonia covers a diverse group of industries throughout the United States and other world markets. Industries analyzed by Freedonia include:

Automotive & Transport • Chemicals • Construction & Building Products • Consumer Goods • Energy & Petroleum • Industrial Components • Healthcare & Life Sciences • Machinery & Equipment • Metals, Minerals & Glass • Packaging • Plastics & Other Polymers • Security • Services • Textiles & Nonwovens • Water Treatment

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