

# **Global Portable Filtration Systems Market Size study & Forecast, by Technology (Pressure Filtration, Centrifugal Filtration, Vacuum Filtration) by Flow Rate (US GPM) (0–10, >10–20, >20–60, >60–100, Above 100), by End-User (Power Generation, Manufacturing, Oil & Gas, Paper and Pulp, Petrochemicals, Others) and Regional Analysis, 2023-2030**

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## **Abstracts**

Global Portable Filtration Systems Market is valued approximately at USD XX billion in 2022 and is anticipated to grow with a healthy growth rate of more than XX% over the forecast period 2023-2030. Portable filtration systems are compact, self-contained units designed to filter various types of fluids or gases in mobile or temporary settings. They are often used in industries such as oil and gas, manufacturing, mining, construction, agriculture, and emergency response situations. These systems provide a convenient and efficient solution for filtering contaminants and maintaining fluid purity in remote locations or where access to a fixed filtration infrastructure is limited. The key factors driving the market growth are Stringent Environmental Regulations, rise in power generation sector, growth in the oil and gas industry, and growing manufacturing activities. These factors are anticipated to create the lucrative demand for the market during forecast period 2023-2030.

Moreover, the growth of power generation has a positive impact on the growth of the Portable Filtration Systems Market. As power generation expands, there is a growing demand for energy across various sectors such as residential, commercial, industrial, and infrastructure. This increased energy demand often leads to the development of new power plants, including conventional and renewable energy sources. These power plants require reliable and efficient filtration systems to ensure the smooth operation of

their equipment and maintain optimal performance. According to Statista, in 2019, the per hours electricity generation worldwide was 27,037 terawatt-hours and the electricity generation increased significantly and reached 28,466 terawatt-hours in 2021. Additionally, rising demand for smart filtration is anticipated to create the lucrative growth opportunity for the market during forecast period. However, the emerging alternate and renewable energy sources, and availability of cheap alternatives stifles market growth throughout the forecast period of 2023-2030.

The key regions considered for the Global Portable Filtration Systems Market study includes Asia Pacific, North America, Europe, Latin America, and Middle East & Africa. North America dominated the market in 2022 with largest market share owing to the rising manufacturing facilities, growing shale gas activities and rising demand in oil and gas industry. Whereas, the Asia Pacific region is expected to grow at fastest growth rate during the forecast period, owing to factors such as the growing energy demands, rapid urbanization and the rise in the number of industries in the region.

Major market player included in this report are:

Parker Hannifin

Pall Corporation

Bosch Rexroth

Donaldson Company

HYDAC International GmbH

Walter Stauffenberg GmbH & Co. KG

Des- case Corporation

Y2K Filtration

MP Filtri USA, Inc

Como Filtration Systems

Recent Developments in the Market:

In March 2023, RZ Industries, a family-owned air filtration technology company has announced the launch of RZ AIRflow, a transformational portable air purification filter which attaches to ductless cooling and heating systems such as those found in hotel rooms.

Global Portable Filtration Systems Market Report Scope:

Historical Data – 2020 - 2021

Base Year for Estimation – 2022

Forecast period - 2023-2030

Report Coverage - Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Segments Covered – Technology, Flow Rate (US GPM), End-User, Region  
Regional Scope - North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope - Free report customization (equivalent up to 8 analyst's working hours) with purchase. Addition or alteration to country, regional & segment scope\*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values to the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within countries involved in the study.

The report also caters detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, it also incorporates potential opportunities in micro markets for stakeholders to invest along with the detailed analysis of competitive landscape and product offerings of key players. The detailed segments and sub-segment of the market are explained below:

By Technology:

Pressure Filtration

Centrifugal Filtration

Vacuum Filtration

By Flow Rate (US GPM):

0–10

>10–20

>20–60

>60–100

Above 100

By End-User:

Power Generation

Manufacturing

Oil & Gas

Paper and Pulp

Petrochemicals

Others

By Region:

North America

U.S.

Canada

Europe

UK

Germany

France

Spain

Italy

ROE

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Latin America

Brazil

Mexico

Middle East & Africa

Saudi Arabia

South Africa

Rest of Middle East & Africa

## Contents

### **CHAPTER 1. EXECUTIVE SUMMARY**

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2020-2030 (USD Billion)
  - 1.2.1. Portable Filtration Systems Market, by region, 2020-2030 (USD Billion)
  - 1.2.2. Portable Filtration Systems Market, by Technology, 2020-2030 (USD Billion)
  - 1.2.3. Portable Filtration Systems Market, by Flow Rate, 2020-2030 (USD Billion)
  - 1.2.4. Portable Filtration Systems Market, by End-User, 2020-2030 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

### **CHAPTER 2. GLOBAL PORTABLE FILTRATION SYSTEMS MARKET DEFINITION AND SCOPE**

- 2.1. Objective of the Study
- 2.2. Market Definition & Scope
  - 2.2.1. Industry Evolution
  - 2.2.2. Scope of the Study
- 2.3. Years Considered for the Study
- 2.4. Currency Conversion Rates

### **CHAPTER 3. GLOBAL PORTABLE FILTRATION SYSTEMS MARKET DYNAMICS**

- 3.1. Portable Filtration Systems Market Impact Analysis (2020-2030)
  - 3.1.1. Market Drivers
    - 3.1.1.1. Stringent Environmental Regulations
    - 3.1.1.2. Rise in power generation sector
    - 3.1.1.3. Growth in the oil and gas industry
    - 3.1.1.4. Growing manufacturing activities
  - 3.1.2. Market Challenges
    - 3.1.2.1. Availability of cheap alternatives
  - 3.1.3. Market Opportunities
    - 3.1.3.1. Rising demand for smart filtration

### **CHAPTER 4. GLOBAL PORTABLE FILTRATION SYSTEMS MARKET INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
- 4.2. Porter's 5 Force Impact Analysis
- 4.3. PEST Analysis
  - 4.3.1. Political
  - 4.3.2. Economical
  - 4.3.3. Social
  - 4.3.4. Technological
  - 4.3.5. Environmental
  - 4.3.6. Legal
- 4.4. Top investment opportunity
- 4.5. Top winning strategies
- 4.6. COVID-19 Impact Analysis
- 4.7. Disruptive Trends
- 4.8. Industry Expert Perspective
- 4.9. Analyst Recommendation & Conclusion

## **CHAPTER 5. GLOBAL PORTABLE FILTRATION SYSTEMS MARKET, BY TECHNOLOGY**

- 5.1. Market Snapshot
- 5.2. Global Portable Filtration Systems Market by Technology, Performance - Potential Analysis
- 5.3. Global Portable Filtration Systems Market Estimates & Forecasts by Technology 2020-2030 (USD Billion)
- 5.4. Portable Filtration Systems Market, Sub Segment Analysis
  - 5.4.1. Pressure Filtration
  - 5.4.2. Centrifugal Filtration
  - 5.4.3. Vacuum Filtration

## **CHAPTER 6. GLOBAL PORTABLE FILTRATION SYSTEMS MARKET, BY FLOW RATE**

- 6.1. Market Snapshot

6.2. Global Portable Filtration Systems Market by Flow Rate, Performance - Potential Analysis

6.3. Global Portable Filtration Systems Market Estimates & Forecasts by Flow Rate 2020-2030 (USD Billion)

6.4. Portable Filtration Systems Market, Sub Segment Analysis

6.4.1. 0–10

6.4.2. >10–20

6.4.3. >20–60

6.4.4. >60–100

6.4.5. Above

## **CHAPTER 7. GLOBAL PORTABLE FILTRATION SYSTEMS MARKET, BY END-USER**

7.1. Market Snapshot

7.2. Global Portable Filtration Systems Market by End-User, Performance - Potential Analysis

7.3. Global Portable Filtration Systems Market Estimates & Forecasts by End-User 2020-2030 (USD Billion)

7.4. Portable Filtration Systems Market, Sub Segment Analysis

7.4.1. Power Generation

7.4.2. Manufacturing

7.4.3. Oil & Gas

7.4.4. Paper and Pulp

7.4.5. Petrochemicals

7.4.6. Others

## **CHAPTER 8. GLOBAL PORTABLE FILTRATION SYSTEMS MARKET, REGIONAL ANALYSIS**

8.1. Top Leading Countries

8.2. Top Emerging Countries

8.3. Portable Filtration Systems Market, Regional Market Snapshot

8.4. North America Portable Filtration Systems Market

8.4.1. U.S. Portable Filtration Systems Market

8.4.1.1. Technology breakdown estimates & forecasts, 2020-2030

8.4.1.2. Flow Rate breakdown estimates & forecasts, 2020-2030

8.4.1.3. End-User breakdown estimates & forecasts, 2020-2030

8.4.2. Canada Portable Filtration Systems Market

- 8.5. Europe Portable Filtration Systems Market Snapshot
  - 8.5.1. U.K. Portable Filtration Systems Market
  - 8.5.2. Germany Portable Filtration Systems Market
  - 8.5.3. France Portable Filtration Systems Market
  - 8.5.4. Spain Portable Filtration Systems Market
  - 8.5.5. Italy Portable Filtration Systems Market
  - 8.5.6. Rest of Europe Portable Filtration Systems Market
- 8.6. Asia-Pacific Portable Filtration Systems Market Snapshot
  - 8.6.1. China Portable Filtration Systems Market
  - 8.6.2. India Portable Filtration Systems Market
  - 8.6.3. Japan Portable Filtration Systems Market
  - 8.6.4. Australia Portable Filtration Systems Market
  - 8.6.5. South Korea Portable Filtration Systems Market
  - 8.6.6. Rest of Asia Pacific Portable Filtration Systems Market
- 8.7. Latin America Portable Filtration Systems Market Snapshot
  - 8.7.1. Brazil Portable Filtration Systems Market
  - 8.7.2. Mexico Portable Filtration Systems Market
- 8.8. Middle East & Africa Portable Filtration Systems Market
  - 8.8.1. Saudi Arabia Portable Filtration Systems Market
  - 8.8.2. South Africa Portable Filtration Systems Market
  - 8.8.3. Rest of Middle East & Africa Portable Filtration Systems Market

## **CHAPTER 9. COMPETITIVE INTELLIGENCE**

- 9.1. Key Company SWOT Analysis
  - 9.1.1. Company
  - 9.1.2. Company
  - 9.1.3. Company
- 9.2. Top Market Strategies
- 9.3. Company Profiles
  - 9.3.1. Parker Hannifin
    - 9.3.1.1. Key Information
    - 9.3.1.2. Overview
    - 9.3.1.3. Financial (Subject to Data Availability)
    - 9.3.1.4. Product Summary
    - 9.3.1.5. Recent Developments
  - 9.3.2. Pall Corporation
  - 9.3.3. Bosch Rexroth
  - 9.3.4. Donaldson Company



- 9.3.5. HYDAC International GmbH
- 9.3.6. Walter Stauffenberg GmbH & Co. KG
- 9.3.7. Des- case Corporation
- 9.3.8. Y2K Filtration
- 9.3.9. MP Filtri USA, Inc
- 9.3.10. Como Filtration Systems

## **CHAPTER 10. RESEARCH PROCESS**

### 10.1. Research Process

- 10.1.1. Data Mining
- 10.1.2. Analysis
- 10.1.3. Market Estimation
- 10.1.4. Validation
- 10.1.5. Publishing

### 10.2. Research Attributes

### 10.3. Research Assumption

### 12. List of Tables

TABLE 1. Global Portable Filtration Systems Market, report scope

TABLE 2. Global Portable Filtration Systems Market estimates & forecasts by region 2020-2030 (USD Billion)

TABLE 3. Global Portable Filtration Systems Market estimates & forecasts by Technology 2020-2030 (USD Billion)

TABLE 4. Global Portable Filtration Systems Market estimates & forecasts by Flow Rate 2020-2030 (USD Billion)

TABLE 5. Global Portable Filtration Systems Market estimates & forecasts by End-User 2020-2030 (USD Billion)

TABLE 6. Global Portable Filtration Systems Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 7. Global Portable Filtration Systems Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 8. Global Portable Filtration Systems Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 9. Global Portable Filtration Systems Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 10. Global Portable Filtration Systems Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 11. Global Portable Filtration Systems Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 12. Global Portable Filtration Systems Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 13. Global Portable Filtration Systems Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 14. Global Portable Filtration Systems Market by segment, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 15. Global Portable Filtration Systems Market by region, estimates & forecasts, 2020-2030 (USD Billion)

TABLE 16. U.S. Portable Filtration Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 17. U.S. Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 18. U.S. Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 19. Canada Portable Filtration Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 20. Canada Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 21. Canada Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 22. UK Portable Filtration Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 23. UK Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 24. UK Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 25. Germany Portable Filtration Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 26. Germany Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 27. Germany Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 28. France Portable Filtration Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 29. France Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 30. France Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 31. Italy Portable Filtration Systems Market estimates & forecasts, 2020-2030

(USD Billion)

TABLE 32. Italy Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 33. Italy Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 34. Spain Portable Filtration Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 35. Spain Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 36. Spain Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 37. RoE Portable Filtration Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 38. RoE Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 39. RoE Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 40. China Portable Filtration Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 41. China Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 42. China Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 43. India Portable Filtration Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 44. India Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 45. India Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 46. Japan Portable Filtration Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 47. Japan Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 48. Japan Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 49. South Korea Portable Filtration Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 50. South Korea Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 51. South Korea Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 52. Australia Portable Filtration Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 53. Australia Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 54. Australia Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 55. RoAPAC Portable Filtration Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 56. RoAPAC Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 57. RoAPAC Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 58. Brazil Portable Filtration Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 59. Brazil Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 60. Brazil Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 61. Mexico Portable Filtration Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 62. Mexico Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 63. Mexico Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 64. RoLA Portable Filtration Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 65. RoLA Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 66. RoLA Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 67. Saudi Arabia Portable Filtration Systems Market estimates & forecasts, 2020-2030 (USD Billion)

TABLE 68. South Africa Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 69. RoMEA Portable Filtration Systems Market estimates & forecasts by segment 2020-2030 (USD Billion)

TABLE 70. 12. List of secondary sources, used in the study of global Portable Filtration

## Systems Market

TABLE 71. 12. List of primary sources, used in the study of global Portable Filtration Systems Market

TABLE 72. Years considered for the study

TABLE 73. Exchange rates considered

12. List of tables and figures and dummy in nature, final lists may vary in the final deliverable

12. List of figures

FIG 1. Global Portable Filtration Systems Market, research methodology

FIG 2. Global Portable Filtration Systems Market, Market estimation techniques

FIG 3. Global Market size estimates & forecast methods

FIG 4. Global Portable Filtration Systems Market, key trends 2022

FIG 5. Global Portable Filtration Systems Market, growth prospects 2023-2030

FIG 6. Global Portable Filtration Systems Market, porters 5 force model

FIG 7. Global Portable Filtration Systems Market, pest analysis

FIG 8. Global Portable Filtration Systems Market, value chain analysis

FIG 9. Global Portable Filtration Systems Market by segment, 2020 & 2030 (USD Billion)

FIG 10. Global Portable Filtration Systems Market by segment, 2020 & 2030 (USD Billion)

FIG 11. Global Portable Filtration Systems Market by segment, 2020 & 2030 (USD Billion)

FIG 12. Global Portable Filtration Systems Market by segment, 2020 & 2030 (USD Billion)

FIG 13. Global Portable Filtration Systems Market by segment, 2020 & 2030 (USD Billion)

FIG 14. Global Portable Filtration Systems Market, regional snapshot 2020 & 2030

FIG 15. North America Portable Filtration Systems Market 2020 & 2030 (USD Billion)

FIG 16. Europe Portable Filtration Systems Market 2020 & 2030 (USD Billion)

FIG 17. Asia Pacific Portable Filtration Systems Market 2020 & 2030 (USD Billion)

FIG 18. Latin America Portable Filtration Systems Market 2020 & 2030 (USD Billion)

FIG 19. Middle East & Africa Portable Filtration Systems Market 2020 & 2030 (USD Billion)

12. List of tables and figures and dummy in nature, final lists may vary in the final deliverable

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