

Global Cathode Air Filter Supply, Demand and Key Producers, 2026-2032

<https://marketpublishers.com/r/G68673555DC2EN.html>

Date: April 2026

Pages: 119

Price: US\$ 4,480.00 (Single User License)

ID: G68673555DC2EN

Abstracts

The global Cathode Air Filter market size is expected to reach \$ 863 million by 2032, rising at a market growth of 22.6% CAGR during the forecast period (2026-2032).

In 2025, global Cathode Air Filter production reached approximately 502.5 k units with an average global market price of around US\$400 per unit. Single-line annual production capacity averages 30 k units with a gross margin of approximately 25-30%. The upstream segment of cathode air filters primarily consists of filtration media such as activated carbon, MOF-based filters, and PTFE membranes, along with structural components including plastic housings, seals, and sensors—mainly centered around materials science and precision injection molding. Downstream, these products are applied in electric vehicles, marine applications, and other sectors. Electric vehicles, driven by the stringent air purity requirements of fuel cell systems and the early adoption of commercial vehicle scenarios, currently account for approximately 85% to 90% of total consumption, making them the dominant market. In terms of demand, the core driver stems from the fundamental requirement of electrochemical reactions for chemical air purity, which necessitates a dual mechanism of chemical adsorption and physical filtration to remove gaseous pollutants such as sulfur dioxide and ammonia, as well as sub-micron particulate matter. This prevents irreversible catalyst poisoning and membrane electrode assembly degradation, thereby ensuring power generation efficiency and system durability. On the opportunity side, as fuel cells accelerate their transition from demonstration programs to commercial deployment, heavy-duty truck and logistics operations in high-intensity scenarios are imposing stricter requirements on dust-holding capacity and chemical adsorption breakthrough protection. Meanwhile, products developed for specialized conditions such as marine applications—offering salt spray resistance and vibration tolerance—along with intelligent filters integrating soot life sensors and differential pressure monitoring, are emerging as core growth areas in an

increasingly competitive market.

A cathode air filter is a precision device engineered to treat the inlet airstream directed to an electrochemical cell's cathode side. It removes particulate matter and, critically, employs chemical adsorption media to capture airborne molecular contaminants such as sulfur dioxide and nitrogen oxides. By ensuring the chemical purity of the oxidant supply, it prevents cathode catalyst poisoning and electrolyte degradation. This preservation of the cathode's integrity directly sustains the electrochemical reaction kinetics and the long-term voltage stability of the cell.

Cathode air filters are evolving toward higher efficiency, intelligent integration, and multi-scenario adaptability. On the technical front, to meet the stringent air purity requirements of fuel cell systems, filter media are shifting from single-stage activated carbon adsorption to multi-layer composite chemisorption structures. By incorporating impregnated modified materials or metal-organic frameworks, these filters precisely remove gaseous pollutants such as sulfur dioxide, ammonia, and nitrogen oxides to protect sensitive catalysts and proton exchange membranes. In terms of product development, lifecycle management and intelligent integration have become focal points. Given the high-dust, long-duration operating conditions of commercial vehicles and the high-salt spray environment of marine applications, air filters must offer enhanced dust-holding capacity, stable chemical breakthrough protection, and resistance to corrosion and vibration. This has not only driven the adoption of nanofiber media and functional coatings but also accelerated the integration of soot life sensors and differential pressure sensors into filter assemblies, enabling precise filter life prediction and remote vehicle maintenance management. From a market perspective, as fuel cell vehicles transition from demonstration programs to commercial deployment, heavy-duty truck and logistics operations in high-intensity scenarios are imposing higher demands on filter replacement frequency and maintenance costs. Meanwhile, the expansion of emerging applications such as offshore wind power hydrogen production and distributed power generation is opening new growth space for specialty filtration products with environmental adaptability.

This report studies the global Cathode Air Filter production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Cathode Air Filter and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2025 as the base year. This report explores demand trends and competition, as well as details the characteristics of Cathode Air Filter that contribute to

its increasing demand across many markets.

Highlights and key features of the study

Global Cathode Air Filter total production and demand, 2021-2032, (K Units)

Global Cathode Air Filter total production value, 2021-2032, (USD Million)

Global Cathode Air Filter production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (K Units), (based on production site)

Global Cathode Air Filter consumption by region & country, CAGR, 2021-2032 & (K Units)

U.S. VS China: Cathode Air Filter domestic production, consumption, key domestic manufacturers and share

Global Cathode Air Filter production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (K Units)

Global Cathode Air Filter production by Type, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

Global Cathode Air Filter production by Application, production, value, CAGR, 2021-2032, (USD Million) & (K Units)

This report profiles key players in the global Cathode Air Filter market based on the following parameters - company overview, production, value, price, gross margin, product portfolio, geographical presence, and key developments. Key companies covered as a part of this study include Parker, Hengst Filtration, Freudenberg, UFI Filters, MANN+HUMMEL, Donaldson, VINATech, Solberg MFG, SOGEFI Group, MAHLE GmbH, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals.

Stakeholders would have ease in decision-making through various strategy matrices used in analyzing the World Cathode Air Filter market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2021-2032 by year with 2025 as the base year, 2026 as the estimate year, and 2027-2032 as the forecast year.

Global Cathode Air Filter Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Cathode Air Filter Market, Segmentation by Type:

Filtration Efficiency: >99%

Filtration Efficiency: >98%

Global Cathode Air Filter Market, Segmentation by Filtration Mechanism:

Mechanical Filtration Air Filter

Electrostatic Air Filter

Activated Carbon Composite Filter

Global Cathode Air Filter Market, Segmentation by Hydrogen Production:

1200m³/h

Global Cathode Air Filter Market, Segmentation by Application:

Electric Vehicle

Maritime Applications

Other

Companies Profiled:

Parker

Hengst Filtration

Freudenberg

UFI Filters

MANN+HUMMEL

Donaldson

VINATech

Solberg MFG

SOGEFI Group

MAHLE GmbH

Shanghai Fleetguard Filter

Key Questions Answered:

1. How big is the global Cathode Air Filter market?
2. What is the demand of the global Cathode Air Filter market?
3. What is the year over year growth of the global Cathode Air Filter market?
4. What is the production and production value of the global Cathode Air Filter market?
5. Who are the key producers in the global Cathode Air Filter market?
6. What are the growth factors driving the market demand?

Contents

1 SUPPLY SUMMARY

- 1.1 Cathode Air Filter Introduction
- 1.2 World Cathode Air Filter Supply & Forecast
 - 1.2.1 World Cathode Air Filter Production Value (2021 & 2025 & 2032)
 - 1.2.2 World Cathode Air Filter Production (2021-2032)
 - 1.2.3 World Cathode Air Filter Pricing Trends (2021-2032)
- 1.3 World Cathode Air Filter Production by Region (Based on Production Site)
 - 1.3.1 World Cathode Air Filter Production Value by Region (2021-2032)
 - 1.3.2 World Cathode Air Filter Production by Region (2021-2032)
 - 1.3.3 World Cathode Air Filter Average Price by Region (2021-2032)
 - 1.3.4 North America Cathode Air Filter Production (2021-2032)
 - 1.3.5 Europe Cathode Air Filter Production (2021-2032)
 - 1.3.6 China Cathode Air Filter Production (2021-2032)
 - 1.3.7 Japan Cathode Air Filter Production (2021-2032)
- 1.4 Market Drivers, Restraints and Trends
 - 1.4.1 Cathode Air Filter Market Drivers
 - 1.4.2 Factors Affecting Demand
 - 1.4.3 Cathode Air Filter Major Market Trends

2 DEMAND SUMMARY

- 2.1 World Cathode Air Filter Demand (2021-2032)
- 2.2 World Cathode Air Filter Consumption by Region
 - 2.2.1 World Cathode Air Filter Consumption by Region (2021-2026)
 - 2.2.2 World Cathode Air Filter Consumption Forecast by Region (2027-2032)
- 2.3 United States Cathode Air Filter Consumption (2021-2032)
- 2.4 China Cathode Air Filter Consumption (2021-2032)
- 2.5 Europe Cathode Air Filter Consumption (2021-2032)
- 2.6 Japan Cathode Air Filter Consumption (2021-2032)
- 2.7 South Korea Cathode Air Filter Consumption (2021-2032)
- 2.8 ASEAN Cathode Air Filter Consumption (2021-2032)
- 2.9 India Cathode Air Filter Consumption (2021-2032)

3 WORLD MANUFACTURERS COMPETITIVE ANALYSIS

- 3.1 World Cathode Air Filter Production Value by Manufacturer (2021-2026)

- 3.2 World Cathode Air Filter Production by Manufacturer (2021-2026)
- 3.3 World Cathode Air Filter Average Price by Manufacturer (2021-2026)
- 3.4 Cathode Air Filter Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
 - 3.5.1 Global Cathode Air Filter Industry Rank of Major Manufacturers
 - 3.5.2 Global Concentration Ratios (CR4) for Cathode Air Filter in 2025
 - 3.5.3 Global Concentration Ratios (CR8) for Cathode Air Filter in 2025
- 3.6 Cathode Air Filter Market: Overall Company Footprint Analysis
 - 3.6.1 Cathode Air Filter Market: Region Footprint
 - 3.6.2 Cathode Air Filter Market: Company Product Type Footprint
 - 3.6.3 Cathode Air Filter Market: Company Product Application Footprint
- 3.7 Competitive Environment
 - 3.7.1 Historical Structure of the Industry
 - 3.7.2 Barriers of Market Entry
 - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: Cathode Air Filter Production Value Comparison
 - 4.1.1 United States VS China: Cathode Air Filter Production Value Comparison (2021 & 2025 & 2032)
 - 4.1.2 United States VS China: Cathode Air Filter Production Value Market Share Comparison (2021 & 2025 & 2032)
- 4.2 United States VS China: Cathode Air Filter Production Comparison
 - 4.2.1 United States VS China: Cathode Air Filter Production Comparison (2021 & 2025 & 2032)
 - 4.2.2 United States VS China: Cathode Air Filter Production Market Share Comparison (2021 & 2025 & 2032)
- 4.3 United States VS China: Cathode Air Filter Consumption Comparison
 - 4.3.1 United States VS China: Cathode Air Filter Consumption Comparison (2021 & 2025 & 2032)
 - 4.3.2 United States VS China: Cathode Air Filter Consumption Market Share Comparison (2021 & 2025 & 2032)
- 4.4 United States Based Cathode Air Filter Manufacturers and Market Share, 2021-2026
 - 4.4.1 United States Based Cathode Air Filter Manufacturers, Headquarters and Production Site (States, Country)

- 4.4.2 United States Based Manufacturers Cathode Air Filter Production Value (2021-2026)
- 4.4.3 United States Based Manufacturers Cathode Air Filter Production (2021-2026)
- 4.5 China Based Cathode Air Filter Manufacturers and Market Share
 - 4.5.1 China Based Cathode Air Filter Manufacturers, Headquarters and Production Site (Province, Country)
 - 4.5.2 China Based Manufacturers Cathode Air Filter Production Value (2021-2026)
 - 4.5.3 China Based Manufacturers Cathode Air Filter Production (2021-2026)
- 4.6 Rest of World Based Cathode Air Filter Manufacturers and Market Share, 2021-2026
 - 4.6.1 Rest of World Based Cathode Air Filter Manufacturers, Headquarters and Production Site (State, Country)
 - 4.6.2 Rest of World Based Manufacturers Cathode Air Filter Production Value (2021-2026)
 - 4.6.3 Rest of World Based Manufacturers Cathode Air Filter Production (2021-2026)

5 MARKET ANALYSIS BY TYPE

- 5.1 World Cathode Air Filter Market Size Overview by Type: 2021 VS 2025 VS 2032
- 5.2 Segment Introduction by Type
 - 5.2.1 Filtration Efficiency: >99%
 - 5.2.2 Filtration Efficiency: >98%
- 5.3 Market Segment by Type
 - 5.3.1 World Cathode Air Filter Production by Type (2021-2032)
 - 5.3.2 World Cathode Air Filter Production Value by Type (2021-2032)
 - 5.3.3 World Cathode Air Filter Average Price by Type (2021-2032)

6 MARKET ANALYSIS BY FILTRATION MECHANISM

- 6.1 World Cathode Air Filter Market Size Overview by Filtration Mechanism: 2021 VS 2025 VS 2032
- 6.2 Segment Introduction by Filtration Mechanism
 - 6.2.1 Mechanical Filtration Air Filter
 - 6.2.2 Electrostatic Air Filter
 - 6.2.3 Activated Carbon Composite Filter
- 6.3 Market Segment by Filtration Mechanism
 - 6.3.1 World Cathode Air Filter Production by Filtration Mechanism (2021-2032)
 - 6.3.2 World Cathode Air Filter Production Value by Filtration Mechanism (2021-2032)
 - 6.3.3 World Cathode Air Filter Average Price by Filtration Mechanism (2021-2032)

7 MARKET ANALYSIS BY HYDROGEN PRODUCTION

7.1 World Cathode Air Filter Market Size Overview by Hydrogen Production: 2021 VS 2025 VS 2032

7.2 Segment Introduction by Hydrogen Production

7.2.1 1200m³/h

7.3 Market Segment by Hydrogen Production

7.3.1 World Cathode Air Filter Production by Hydrogen Production (2021-2032)

7.3.2 World Cathode Air Filter Production Value by Hydrogen Production (2021-2032)

7.3.3 World Cathode Air Filter Average Price by Hydrogen Production (2021-2032)

8 MARKET ANALYSIS BY APPLICATION

8.1 World Cathode Air Filter Market Size Overview by Application: 2021 VS 2025 VS 2032

8.2 Segment Introduction by Application

8.2.1 Electric Vehicle

8.2.2 Maritime Applications

8.2.3 Other

8.3 Market Segment by Application

8.3.1 World Cathode Air Filter Production by Application (2021-2032)

8.3.2 World Cathode Air Filter Production Value by Application (2021-2032)

8.3.3 World Cathode Air Filter Average Price by Application (2021-2032)

9 COMPANY PROFILES

9.1 Parker

9.1.1 Parker Details

9.1.2 Parker Major Business

9.1.3 Parker Cathode Air Filter Product and Services

9.1.4 Parker Cathode Air Filter Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.1.5 Parker Recent Developments/Updates

9.1.6 Parker Competitive Strengths & Weaknesses

9.2 Hengst Filtration

9.2.1 Hengst Filtration Details

9.2.2 Hengst Filtration Major Business

9.2.3 Hengst Filtration Cathode Air Filter Product and Services

9.2.4 Hengst Filtration Cathode Air Filter Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.2.5 Hengst Filtration Recent Developments/Updates

9.2.6 Hengst Filtration Competitive Strengths & Weaknesses

9.3 Freudenberg

9.3.1 Freudenberg Details

9.3.2 Freudenberg Major Business

9.3.3 Freudenberg Cathode Air Filter Product and Services

9.3.4 Freudenberg Cathode Air Filter Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.3.5 Freudenberg Recent Developments/Updates

9.3.6 Freudenberg Competitive Strengths & Weaknesses

9.4 UFI Filters

9.4.1 UFI Filters Details

9.4.2 UFI Filters Major Business

9.4.3 UFI Filters Cathode Air Filter Product and Services

9.4.4 UFI Filters Cathode Air Filter Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.4.5 UFI Filters Recent Developments/Updates

9.4.6 UFI Filters Competitive Strengths & Weaknesses

9.5 MANN+HUMMEL

9.5.1 MANN+HUMMEL Details

9.5.2 MANN+HUMMEL Major Business

9.5.3 MANN+HUMMEL Cathode Air Filter Product and Services

9.5.4 MANN+HUMMEL Cathode Air Filter Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.5.5 MANN+HUMMEL Recent Developments/Updates

9.5.6 MANN+HUMMEL Competitive Strengths & Weaknesses

9.6 Donaldson

9.6.1 Donaldson Details

9.6.2 Donaldson Major Business

9.6.3 Donaldson Cathode Air Filter Product and Services

9.6.4 Donaldson Cathode Air Filter Production, Price, Value, Gross Margin and Market Share (2021-2026)

9.6.5 Donaldson Recent Developments/Updates

9.6.6 Donaldson Competitive Strengths & Weaknesses

9.7 VINATech

9.7.1 VINATech Details

9.7.2 VINATech Major Business

- 9.7.3 VINATech Cathode Air Filter Product and Services
- 9.7.4 VINATech Cathode Air Filter Production, Price, Value, Gross Margin and Market Share (2021-2026)
- 9.7.5 VINATech Recent Developments/Updates
- 9.7.6 VINATech Competitive Strengths & Weaknesses
- 9.8 Solberg MFG
 - 9.8.1 Solberg MFG Details
 - 9.8.2 Solberg MFG Major Business
 - 9.8.3 Solberg MFG Cathode Air Filter Product and Services
 - 9.8.4 Solberg MFG Cathode Air Filter Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.8.5 Solberg MFG Recent Developments/Updates
 - 9.8.6 Solberg MFG Competitive Strengths & Weaknesses
- 9.9 SOGEFI Group
 - 9.9.1 SOGEFI Group Details
 - 9.9.2 SOGEFI Group Major Business
 - 9.9.3 SOGEFI Group Cathode Air Filter Product and Services
 - 9.9.4 SOGEFI Group Cathode Air Filter Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.9.5 SOGEFI Group Recent Developments/Updates
 - 9.9.6 SOGEFI Group Competitive Strengths & Weaknesses
- 9.10 MAHLE GmbH
 - 9.10.1 MAHLE GmbH Details
 - 9.10.2 MAHLE GmbH Major Business
 - 9.10.3 MAHLE GmbH Cathode Air Filter Product and Services
 - 9.10.4 MAHLE GmbH Cathode Air Filter Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.10.5 MAHLE GmbH Recent Developments/Updates
 - 9.10.6 MAHLE GmbH Competitive Strengths & Weaknesses
- 9.11 Shanghai Fleetguard Filter
 - 9.11.1 Shanghai Fleetguard Filter Details
 - 9.11.2 Shanghai Fleetguard Filter Major Business
 - 9.11.3 Shanghai Fleetguard Filter Cathode Air Filter Product and Services
 - 9.11.4 Shanghai Fleetguard Filter Cathode Air Filter Production, Price, Value, Gross Margin and Market Share (2021-2026)
 - 9.11.5 Shanghai Fleetguard Filter Recent Developments/Updates
 - 9.11.6 Shanghai Fleetguard Filter Competitive Strengths & Weaknesses

10 INDUSTRY CHAIN ANALYSIS

- 10.1 Cathode Air Filter Industry Chain
- 10.2 Cathode Air Filter Upstream Analysis
 - 10.2.1 Cathode Air Filter Core Raw Materials
 - 10.2.2 Main Manufacturers of Cathode Air Filter Core Raw Materials
- 10.3 Midstream Analysis
- 10.4 Downstream Analysis
- 10.5 Cathode Air Filter Production Mode
- 10.6 Cathode Air Filter Procurement Model
- 10.7 Cathode Air Filter Industry Sales Model and Sales Channels
 - 10.7.1 Cathode Air Filter Sales Model
 - 10.7.2 Cathode Air Filter Typical Distributors

11 RESEARCH FINDINGS AND CONCLUSION

12 APPENDIX

- 12.1 Methodology
- 12.2 Research Process and Data Source
- 12.3 Disclaimer

List Of Tables

LIST OF TABLES

Table 1. World Cathode Air Filter Production Value by Region (2021, 2025 and 2032) & (USD Million)

Table 2. World Cathode Air Filter Production Value by Region (2021-2026) & (USD Million)

Table 3. World Cathode Air Filter Production Value by Region (2027-2032) & (USD Million)

Table 4. World Cathode Air Filter Production Value Market Share by Region (2021-2026)

Table 5. World Cathode Air Filter Production Value Market Share by Region (2027-2032)

Table 6. World Cathode Air Filter Production by Region (2021-2026) & (K Units)

Table 7. World Cathode Air Filter Production by Region (2027-2032) & (K Units)

Table 8. World Cathode Air Filter Production Market Share by Region (2021-2026)

Table 9. World Cathode Air Filter Production Market Share by Region (2027-2032)

Table 10. World Cathode Air Filter Average Price by Region (2021-2026) & (US\$/Unit)

Table 11. World Cathode Air Filter Average Price by Region (2027-2032) & (US\$/Unit)

Table 12. Cathode Air Filter Major Market Trends

Table 13. World Cathode Air Filter Consumption Growth Rate Forecast by Region (2021 & 2025 & 2032) & (K Units)

Table 14. World Cathode Air Filter Consumption by Region (2021-2026) & (K Units)

Table 15. World Cathode Air Filter Consumption Forecast by Region (2027-2032) & (K Units)

Table 16. World Cathode Air Filter Production Value by Manufacturer (2021-2026) & (USD Million)

Table 17. Production Value Market Share of Key Cathode Air Filter Producers in 2025

Table 18. World Cathode Air Filter Production by Manufacturer (2021-2026) & (K Units)

Table 19. Production Market Share of Key Cathode Air Filter Producers in 2025

Table 20. World Cathode Air Filter Average Price by Manufacturer (2021-2026) & (US\$/Unit)

Table 21. Global Cathode Air Filter Company Evaluation Quadrant

Table 22. World Cathode Air Filter Industry Rank of Major Manufacturers, Based on Production Value in 2025

Table 23. Head Office and Cathode Air Filter Production Site of Key Manufacturer

Table 24. Cathode Air Filter Market: Company Product Type Footprint

Table 25. Cathode Air Filter Market: Company Product Application Footprint

Table 26. Cathode Air Filter Competitive Factors

Table 27. Cathode Air Filter New Entrant and Capacity Expansion Plans

Table 28. Cathode Air Filter Mergers & Acquisitions Activity

Table 29. United States VS China Cathode Air Filter Production Value Comparison, (2021 & 2025 & 2032) & (USD Million)

Table 30. United States VS China Cathode Air Filter Production Comparison, (2021 & 2025 & 2032) & (K Units)

Table 31. United States VS China Cathode Air Filter Consumption Comparison, (2021 & 2025 & 2032) & (K Units)

Table 32. United States Based Cathode Air Filter Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Cathode Air Filter Production Value, (2021-2026) & (USD Million)

Table 34. United States Based Manufacturers Cathode Air Filter Production Value Market Share (2021-2026)

Table 35. United States Based Manufacturers Cathode Air Filter Production (2021-2026) & (K Units)

Table 36. United States Based Manufacturers Cathode Air Filter Production Market Share (2021-2026)

Table 37. China Based Cathode Air Filter Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Cathode Air Filter Production Value, (2021-2026) & (USD Million)

Table 39. China Based Manufacturers Cathode Air Filter Production Value Market Share (2021-2026)

Table 40. China Based Manufacturers Cathode Air Filter Production, (2021-2026) & (K Units)

Table 41. China Based Manufacturers Cathode Air Filter Production Market Share (2021-2026)

Table 42. Rest of World Based Cathode Air Filter Manufacturers, Headquarters and Production Site (State, Country)

Table 43. Rest of World Based Manufacturers Cathode Air Filter Production Value, (2021-2026) & (USD Million)

Table 44. Rest of World Based Manufacturers Cathode Air Filter Production Value Market Share (2021-2026)

Table 45. Rest of World Based Manufacturers Cathode Air Filter Production, (2021-2026) & (K Units)

Table 46. Rest of World Based Manufacturers Cathode Air Filter Production Market Share (2021-2026)

Table 47. World Cathode Air Filter Production Value by Type, (USD Million), 2021 & 2025 & 2032

Table 48. World Cathode Air Filter Production by Type (2021-2026) & (K Units)

Table 49. World Cathode Air Filter Production by Type (2027-2032) & (K Units)

Table 50. World Cathode Air Filter Production Value by Type (2021-2026) & (USD Million)

Table 51. World Cathode Air Filter Production Value by Type (2027-2032) & (USD Million)

Table 52. World Cathode Air Filter Average Price by Type (2021-2026) & (US\$/Unit)

Table 53. World Cathode Air Filter Average Price by Type (2027-2032) & (US\$/Unit)

Table 54. World Cathode Air Filter Production Value by Filtration Mechanism, (USD Million), 2021 & 2025 & 2032

Table 55. World Cathode Air Filter Production by Filtration Mechanism (2021-2026) & (K Units)

Table 56. World Cathode Air Filter Production by Filtration Mechanism (2027-2032) & (K Units)

Table 57. World Cathode Air Filter Production Value by Filtration Mechanism (2021-2026) & (USD Million)

Table 58. World Cathode Air Filter Production Value by Filtration Mechanism (2027-2032) & (USD Million)

Table 59. World Cathode Air Filter Average Price by Filtration Mechanism (2021-2026) & (US\$/Unit)

Table 60. World Cathode Air Filter Average Price by Filtration Mechanism (2027-2032) & (US\$/Unit)

Table 61. World Cathode Air Filter Production Value by Hydrogen Production, (USD Million), 2021 & 2025 & 2032

Table 62. World Cathode Air Filter Production by Hydrogen Production (2021-2026) & (K Units)

Table 63. World Cathode Air Filter Production by Hydrogen Production (2027-2032) & (K Units)

Table 64. World Cathode Air Filter Production Value by Hydrogen Production (2021-2026) & (USD Million)

Table 65. World Cathode Air Filter Production Value by Hydrogen Production (2027-2032) & (USD Million)

Table 66. World Cathode Air Filter Average Price by Hydrogen Production (2021-2026) & (US\$/Unit)

Table 67. World Cathode Air Filter Average Price by Hydrogen Production (2027-2032) & (US\$/Unit)

Table 68. World Cathode Air Filter Production Value by Application, (USD Million), 2021

& 2025 & 2032

Table 69. World Cathode Air Filter Production by Application (2021-2026) & (K Units)

Table 70. World Cathode Air Filter Production by Application (2027-2032) & (K Units)

Table 71. World Cathode Air Filter Production Value by Application (2021-2026) & (USD Million)

Table 72. World Cathode Air Filter Production Value by Application (2027-2032) & (USD Million)

Table 73. World Cathode Air Filter Average Price by Application (2021-2026) & (US\$/Unit)

Table 74. World Cathode Air Filter Average Price by Application (2027-2032) & (US\$/Unit)

Table 75. Parker Basic Information, Manufacturing Base and Competitors

Table 76. Parker Major Business

Table 77. Parker Cathode Air Filter Product and Services

Table 78. Parker Cathode Air Filter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 79. Parker Recent Developments/Updates

Table 80. Parker Competitive Strengths & Weaknesses

Table 81. Hengst Filtration Basic Information, Manufacturing Base and Competitors

Table 82. Hengst Filtration Major Business

Table 83. Hengst Filtration Cathode Air Filter Product and Services

Table 84. Hengst Filtration Cathode Air Filter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 85. Hengst Filtration Recent Developments/Updates

Table 86. Hengst Filtration Competitive Strengths & Weaknesses

Table 87. Freudenberg Basic Information, Manufacturing Base and Competitors

Table 88. Freudenberg Major Business

Table 89. Freudenberg Cathode Air Filter Product and Services

Table 90. Freudenberg Cathode Air Filter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 91. Freudenberg Recent Developments/Updates

Table 92. Freudenberg Competitive Strengths & Weaknesses

Table 93. UFI Filters Basic Information, Manufacturing Base and Competitors

Table 94. UFI Filters Major Business

Table 95. UFI Filters Cathode Air Filter Product and Services

Table 96. UFI Filters Cathode Air Filter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 97. UFI Filters Recent Developments/Updates

Table 98. UFI Filters Competitive Strengths & Weaknesses

- Table 99. MANN+HUMMEL Basic Information, Manufacturing Base and Competitors
- Table 100. MANN+HUMMEL Major Business
- Table 101. MANN+HUMMEL Cathode Air Filter Product and Services
- Table 102. MANN+HUMMEL Cathode Air Filter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 103. MANN+HUMMEL Recent Developments/Updates
- Table 104. MANN+HUMMEL Competitive Strengths & Weaknesses
- Table 105. Donaldson Basic Information, Manufacturing Base and Competitors
- Table 106. Donaldson Major Business
- Table 107. Donaldson Cathode Air Filter Product and Services
- Table 108. Donaldson Cathode Air Filter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 109. Donaldson Recent Developments/Updates
- Table 110. Donaldson Competitive Strengths & Weaknesses
- Table 111. VINATech Basic Information, Manufacturing Base and Competitors
- Table 112. VINATech Major Business
- Table 113. VINATech Cathode Air Filter Product and Services
- Table 114. VINATech Cathode Air Filter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 115. VINATech Recent Developments/Updates
- Table 116. VINATech Competitive Strengths & Weaknesses
- Table 117. Solberg MFG Basic Information, Manufacturing Base and Competitors
- Table 118. Solberg MFG Major Business
- Table 119. Solberg MFG Cathode Air Filter Product and Services
- Table 120. Solberg MFG Cathode Air Filter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 121. Solberg MFG Recent Developments/Updates
- Table 122. Solberg MFG Competitive Strengths & Weaknesses
- Table 123. SOGEFI Group Basic Information, Manufacturing Base and Competitors
- Table 124. SOGEFI Group Major Business
- Table 125. SOGEFI Group Cathode Air Filter Product and Services
- Table 126. SOGEFI Group Cathode Air Filter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)
- Table 127. SOGEFI Group Recent Developments/Updates
- Table 128. SOGEFI Group Competitive Strengths & Weaknesses
- Table 129. MAHLE GmbH Basic Information, Manufacturing Base and Competitors
- Table 130. MAHLE GmbH Major Business
- Table 131. MAHLE GmbH Cathode Air Filter Product and Services
- Table 132. MAHLE GmbH Cathode Air Filter Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 133. MAHLE GmbH Recent Developments/Updates

Table 134. MAHLE GmbH Competitive Strengths & Weaknesses

Table 135. Shanghai Fleetguard Filter Basic Information, Manufacturing Base and Competitors

Table 136. Shanghai Fleetguard Filter Major Business

Table 137. Shanghai Fleetguard Filter Cathode Air Filter Product and Services

Table 138. Shanghai Fleetguard Filter Cathode Air Filter Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2021-2026)

Table 139. Shanghai Fleetguard Filter Recent Developments/Updates

Table 140. Shanghai Fleetguard Filter Competitive Strengths & Weaknesses

Table 141. Global Key Players of Cathode Air Filter Upstream (Raw Materials)

Table 142. Global Cathode Air Filter Typical Customers

Table 143. Cathode Air Filter Typical Distributors

List Of Figures

LIST OF FIGURES

Figure 1. Cathode Air Filter Picture

Figure 2. World Cathode Air Filter Production Value: 2021 & 2025 & 2032, (USD Million)

Figure 3. World Cathode Air Filter Production Value and Forecast (2021-2032) & (USD Million)

Figure 4. World Cathode Air Filter Production (2021-2032) & (K Units)

Figure 5. World Cathode Air Filter Average Price (2021-2032) & (US\$/Unit)

Figure 6. World Cathode Air Filter Production Value Market Share by Region (2021-2032)

Figure 7. World Cathode Air Filter Production Market Share by Region (2021-2032)

Figure 8. North America Cathode Air Filter Production (2021-2032) & (K Units)

Figure 9. Europe Cathode Air Filter Production (2021-2032) & (K Units)

Figure 10. China Cathode Air Filter Production (2021-2032) & (K Units)

Figure 11. Japan Cathode Air Filter Production (2021-2032) & (K Units)

Figure 12. Cathode Air Filter Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Cathode Air Filter Consumption (2021-2032) & (K Units)

Figure 15. World Cathode Air Filter Consumption Market Share by Region (2021-2032)

Figure 16. United States Cathode Air Filter Consumption (2021-2032) & (K Units)

Figure 17. China Cathode Air Filter Consumption (2021-2032) & (K Units)

Figure 18. Europe Cathode Air Filter Consumption (2021-2032) & (K Units)

Figure 19. Japan Cathode Air Filter Consumption (2021-2032) & (K Units)

Figure 20. South Korea Cathode Air Filter Consumption (2021-2032) & (K Units)

Figure 21. ASEAN Cathode Air Filter Consumption (2021-2032) & (K Units)

Figure 22. India Cathode Air Filter Consumption (2021-2032) & (K Units)

Figure 23. Producer Shipments of Cathode Air Filter by Manufacturer Revenue (\$MM) and Market Share (%): 2025

Figure 24. Global Four-firm Concentration Ratios (CR4) for Cathode Air Filter Markets in 2025

Figure 25. Global Four-firm Concentration Ratios (CR8) for Cathode Air Filter Markets in 2025

Figure 26. United States VS China: Cathode Air Filter Production Value Market Share Comparison (2021 & 2025 & 2032)

Figure 27. United States VS China: Cathode Air Filter Production Market Share Comparison (2021 & 2025 & 2032)

Figure 28. United States VS China: Cathode Air Filter Consumption Market Share

Comparison (2021 & 2025 & 2032)

Figure 29. United States Based Manufacturers Cathode Air Filter Production Market Share 2025

Figure 30. China Based Manufacturers Cathode Air Filter Production Market Share 2025

Figure 31. Rest of World Based Manufacturers Cathode Air Filter Production Market Share 2025

Figure 32. World Cathode Air Filter Production Value by Type, (USD Million), 2021 & 2025 & 2032

Figure 33. World Cathode Air Filter Production Value Market Share by Type in 2025

Figure 34. Filtration Efficiency: >99%

Figure 35. Filtration Efficiency: >98%

Figure 36. World Cathode Air Filter Production Market Share by Type (2021-2032)

Figure 37. World Cathode Air Filter Production Value Market Share by Type (2021-2032)

Figure 38. World Cathode Air Filter Average Price by Type (2021-2032) & (US\$/Unit)

Figure 39. World Cathode Air Filter Production Value by Filtration Mechanism, (USD Million), 2021 & 2025 & 2032

Figure 40. World Cathode Air Filter Production Value Market Share by Filtration Mechanism in 2025

Figure 41. Mechanical Filtration Air Filter

Figure 42. Electrostatic Air Filter

Figure 43. Activated Carbon Composite Filter

Figure 44. World Cathode Air Filter Production Market Share by Filtration Mechanism (2021-2032)

Figure 45. World Cathode Air Filter Production Value Market Share by Filtration Mechanism (2021-2032)

Figure 46. World Cathode Air Filter Average Price by Filtration Mechanism (2021-2032) & (US\$/Unit)

Figure 47. World Cathode Air Filter Production Value by Hydrogen Production, (USD Million), 2021 & 2025 & 2032

Figure 48. World Cathode Air Filter Production Value Market Share by Hydrogen Production in 2025

Figure 49. 1200m³/h

Figure 52. World Cathode Air Filter Production Market Share by Hydrogen Production (2021-2032)

Figure 53. World Cathode Air Filter Production Value Market Share by Hydrogen Production (2021-2032)

Figure 54. World Cathode Air Filter Average Price by Hydrogen Production (2021-2032)

& (US\$/Unit)

Figure 55. World Cathode Air Filter Production Value by Application, (USD Million), 2021 & 2025 & 2032

Figure 56. World Cathode Air Filter Production Value Market Share by Application in 2025

Figure 57. Electric Vehicle

Figure 58. Maritime Applications

Figure 59. Other

Figure 60. World Cathode Air Filter Production Market Share by Application (2021-2032)

Figure 61. World Cathode Air Filter Production Value Market Share by Application (2021-2032)

Figure 62. World Cathode Air Filter Average Price by Application (2021-2032) & (US\$/Unit)

Figure 63. Cathode Air Filter Industry Chain

Figure 64. Cathode Air Filter Procurement Model

Figure 65. Cathode Air Filter Sales Model

Figure 66. Cathode Air Filter Sales Channels, Direct Sales, and Distribution

Figure 67. Methodology

Figure 68. Research Process and Data Source

I would like to order

Product name: Global Cathode Air Filter Supply, Demand and Key Producers, 2026-2032

Product link: <https://marketpublishers.com/r/G68673555DC2EN.html>

Price: US\$ 4,480.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G68673555DC2EN.html>