

Global Laminar Airflow Cabinets Market Size study, by Type(Vertical, Horizontal), by End-use (Hospitals and Diagnostics Centers, Pharmaceutical and Biotechnology Industry, Others), and Regional Forecasts 2021-2027

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Abstracts

Global Laminar Airflow Cabinets Market is valued at approximately USD million in 2020 and is anticipated to grow with a healthy growth rate of more than 4% over the forecast period 2021-2027. Laminar airflow cabinets are used to create a microbe (bacteria/virus) and dust-free working condition (or particle-free environment) for various biological research and tests which is done by thrusting out air via high-efficiency particulate air (HEPA) filters and removing it from another end. Vertical and horizontal laminar airflow cabinets are available. The fan and high-efficiency particulate air (HEPA) filters are located on the ceiling of vertical laminar airflow cabinets, and filtered air moves downhill, whereas in horizontal laminar airflow, the fan and HEPA filters are located on the backside of the workspace, projecting air towards the user during cabinet operation. Moreover, increasing government investments in research and development (R&D) is fueling the market growth. According to a January 2020 Congressional Research Service report, federal investment for research and development in the United States climbed to USD 127.2 billion in 2018 from USD 2.8 billion in 1953. As a result of increased research and development costs, the region will experience rapid expansion in the coming years. The global laminar airflow cabinet market is extremely competitive, with many global and local players, and it will be primarily driven by filtration technology advancements and advances, as well as new user-friendly design.

- In July 2020, Esco has introduced the Esco OptiMair, a vertical laminar airflow cabinet with a new silver microprocessor controller SentinelTM for better monitoring and control.
- In 2020, Volkswagen collaborated with the National Health Laboratory Services (NHLS) in Port Elizabeth to convert offices into a fully functional Molecular Virology lab

with the in-house laboratory.

However, refurbished cabinets used by institutes which may impede the market growth over the forecast years.

The regional analysis of the global Laminar Airflow Cabinets Market is segmented for the key regions such as North America, Europe, Asia Pacific, Latin America, and Rest of the World (ROW). North America is the dominating region across the world in terms of market share due to huge government investments in research and development in the region. Whereas Asia Pacific is also anticipated to exhibit the highest growth rate over the forecast period 2021-2027, due to the presence of several pharmaceutical companies and world-class research institutes across APAC.

Major market player included in this report are:

Telstar (Azbil Corporation)

Esco Micro Pte. Ltd.

Thermo Fisher Scientific

Biobase Group

Lamsystems

AirClean Systems

Allentown Inc.

Kimberly-Clark Corporation

Labconco Corporation

NuAire

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 eight years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within each of the regions and countries involved in the study. Furthermore, the report also caters the detailed information about the crucial aspects such as driving factors & challenges which will define the future growth of the market. Additionally, the report shall also incorporate available 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 Type:

Vertical

Horizontal

By End-use:

Hospitals and Diagnostics Centers

Pharmaceutical and Biotechnology Industry

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

Rest of the World

Furthermore, years considered for the study are as follows:

Historical year – 2017, 2018-19

Base year – 2019-2020

Forecast period – 2021 to 2027.

Target Audience of the Global Laminar Airflow Cabinets Market in Market Study:

Key Consulting Companies & Advisors

Large, medium-sized, and small enterprises

Venture capitalists

Value-Added Resellers (VARs)

Third-party knowledge providers

Investment bankers
Investors

Contents

CHAPTER 1. EXECUTIVE SUMMARY

- 1.1. Market Snapshot
- 1.2. Global & Segmental Market Estimates & Forecasts, 2019-2027 (USD Billion)
 - 1.2.1. Laminar Airflow Cabinets Market , by Region, 2019-2027 (USD Billion)
 - 1.2.2. Laminar Airflow Cabinets Market , by Type, 2019-2027 (USD Billion)
 - 1.2.3. Laminar Airflow Cabinets Market , by End-user, 2019-2027 (USD Billion)
- 1.3. Key Trends
- 1.4. Estimation Methodology
- 1.5. Research Assumption

CHAPTER 2. GLOBAL LAMINAR AIRFLOW CABINETS MARKET DEFINITION AND SCOPE

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

CHAPTER 3. GLOBAL LAMINAR AIRFLOW CABINETS MARKET DYNAMICS

- 3.1. Laminar Airflow Cabinets Market Impact Analysis (2019-2027)
 - 3.1.1. Market Drivers
 - 3.1.1.1. Technological advancements
 - 3.1.1.2. Increasing R&D expenditure
 - 3.1.2. Market Restraint
 - 3.1.2.1. Long shelf life of the cabinets
 - 3.1.3. Market Opportunities
 - 3.1.3.1. Growing preference of industries towards vertical laminar airflow cabinets

CHAPTER 4. GLOBAL LAMINAR AIRFLOW CABINETS 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
- 4.1.6. Futuristic Approach to Porter's 5 Force Model (2018-2027)
- 4.2. PEST Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
- 4.3. Investment Adoption Model
- 4.4. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL LAMINAR AIRFLOW CABINETS MARKET , BY TYPE

- 5.1. Market Snapshot
- 5.2. Global Laminar Airflow Cabinets Market by Type , Performance - Potential Analysis
- 5.3. Global Laminar Airflow Cabinets Market Estimates & Forecasts by Type 2018-2027 (USD Billion)
- 5.4. Laminar Airflow Cabinets Market , Sub Segment Analysis
 - 5.4.1. Vertical
 - 5.4.2. Horizontal

CHAPTER 6. GLOBAL LAMINAR AIRFLOW CABINETS MARKET , BY END-USER

- 6.1. Market Snapshot
- 6.2. Global Laminar Airflow Cabinets Market by End-user, Performance - Potential Analysis
- 6.3. Global Laminar Airflow Cabinets Market Estimates & Forecasts by End-user 2018-2027 (USD Billion)
- 6.4. Laminar Airflow Cabinets Market , Sub Segment Analysis
 - 6.4.1. Hospitals and Diagnostics Centers
 - 6.4.2. Pharmaceutical and Biotechnology Industry
 - 6.4.3. Others

CHAPTER 7. GLOBAL LAMINAR AIRFLOW CABINETS MARKET , REGIONAL ANALYSIS

- 7.1. Laminar Airflow Cabinets Market , Regional Market Snapshot

- 7.2. North America Laminar Airflow Cabinets Market
 - 7.2.1. U.S. Laminar Airflow Cabinets Market
 - 7.2.1.1. Type breakdown estimates & forecasts, 2018-2027
 - 7.2.1.2. End-user breakdown estimates & forecasts, 2018-2027
 - 7.2.2. Canada Laminar Airflow Cabinets Market
- 7.3. Europe Laminar Airflow Cabinets Market Snapshot
 - 7.3.1. U.K. Laminar Airflow Cabinets Market
 - 7.3.2. Germany Laminar Airflow Cabinets Market
 - 7.3.3. France Laminar Airflow Cabinets Market
 - 7.3.4. Spain Laminar Airflow Cabinets Market
 - 7.3.5. Italy Laminar Airflow Cabinets Market
 - 7.3.6. Rest of Europe Laminar Airflow Cabinets Market
- 7.4. Asia-Pacific Laminar Airflow Cabinets Market Snapshot
 - 7.4.1. China Laminar Airflow Cabinets Market
 - 7.4.2. India Laminar Airflow Cabinets Market
 - 7.4.3. Japan Laminar Airflow Cabinets Market
 - 7.4.4. Australia Laminar Airflow Cabinets Market
 - 7.4.5. South Korea Laminar Airflow Cabinets Market
 - 7.4.6. Rest of Asia Pacific Laminar Airflow Cabinets Market
- 7.5. Latin America Laminar Airflow Cabinets Market Snapshot
 - 7.5.1. Brazil Laminar Airflow Cabinets Market
 - 7.5.2. Mexico Laminar Airflow Cabinets Market
- 7.6. Rest of The World Laminar Airflow Cabinets Market

CHAPTER 8. COMPETITIVE INTELLIGENCE

- 8.1. Top Market Strategies
- 8.2. Company Profiles
 - 8.2.1. Telstar (Azbil Corporation)
 - 8.2.1.1. Key Information
 - 8.2.1.2. Overview
 - 8.2.1.3. Financial (Subject to Data Availability)
 - 8.2.1.4. Product Summary
 - 8.2.1.5. Recent Developments
 - 8.2.2. Esco Micro Pte. Ltd.
 - 8.2.3. Thermo Fisher Scientific
 - 8.2.4. Biobase Group
 - 8.2.5. Lamsystems
 - 8.2.6. Airclean Systems

- 8.2.7. Allentown Inc.
- 8.2.8. Kimberly-Clark Corporation
- 8.2.9. Labconco Corporation
- 8.2.10. NuAire

CHAPTER 9. RESEARCH END-USER

- 9.1. Research End-user
 - 9.1.1. Data Mining
 - 9.1.2. Analysis
 - 9.1.3. Market Estimation
 - 9.1.4. Validation
 - 9.1.5. Publishing
- 9.2. Research Attributes
- 9.3. Research Assumption

List Of Tables

LIST OF TABLES

TABLE 1. Global Laminar Airflow Cabinets Market , report scope

TABLE 2. Global Laminar Airflow Cabinets Market estimates & forecasts by region
2018-2027 (USD Billion)

TABLE 3. Global Laminar Airflow Cabinets Market estimates & forecasts by Type
2018-2027 (USD Billion)

TABLE 4. Global Laminar Airflow Cabinets Market estimates & forecasts by End-user
2018-2027 (USD Billion)

TABLE 5. Global Laminar Airflow Cabinets Market by segment, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 6. Global Laminar Airflow Cabinets Market by region, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 7. Global Laminar Airflow Cabinets Market by segment, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 8. Global Laminar Airflow Cabinets Market by region, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 9. Global Laminar Airflow Cabinets Market by segment, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 10. Global Laminar Airflow Cabinets Market by region, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 11. Global Laminar Airflow Cabinets Market by segment, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 12. Global Laminar Airflow Cabinets Market by region, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 13. Global Laminar Airflow Cabinets Market by segment, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 14. Global Laminar Airflow Cabinets Market by region, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 15. Global Laminar Airflow Cabinets Market by segment, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 16. Global Laminar Airflow Cabinets Market by region, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 17. Global Laminar Airflow Cabinets Market by segment, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 18. Global Laminar Airflow Cabinets Market by region, estimates & forecasts,
2018-2027 (USD Billion)

TABLE 19. Global Laminar Airflow Cabinets Market by segment, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 20. Global Laminar Airflow Cabinets Market by region, estimates & forecasts, 2018-2027 (USD Billion)

TABLE 21. U.S. Laminar Airflow Cabinets Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 22. U.S. Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 23. U.S. Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 24. Canada Laminar Airflow Cabinets Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 25. Canada Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 26. Canada Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 27. UK Laminar Airflow Cabinets Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 28. UK Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 29. UK Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 30. Germany Laminar Airflow Cabinets Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 31. Germany Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 32. Germany Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 33. France Laminar Airflow Cabinets Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 34. France Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 35. France Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 36. Spain Laminar Airflow Cabinets Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 37. Spain Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 38. Spain Laminar Airflow Cabinets Market estimates & forecasts by segment

2018-2027 (USD Billion)

TABLE 39. Italy Laminar Airflow Cabinets Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 40. Italy Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 41. Italy Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 42. ROE Laminar Airflow Cabinets Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 43. ROE Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 44. ROE Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 45. China Laminar Airflow Cabinets Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 46. China Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 47. China Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 48. India Laminar Airflow Cabinets Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 49. India Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 50. India Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 51. Japan Laminar Airflow Cabinets Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 52. Japan Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 53. Japan Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 54. Australia Laminar Airflow Cabinets Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 55. Australia Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 56. Australia Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 57. South Korea Laminar Airflow Cabinets Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 58. South Korea Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 59. South Korea Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 60. ROPAC Laminar Airflow Cabinets Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 61. ROPAC Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 62. ROPAC Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 63. Brazil Laminar Airflow Cabinets Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 64. Brazil Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 65. Brazil Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 66. Mexico Laminar Airflow Cabinets Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 67. Mexico Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 68. Mexico Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 69. ROLA Laminar Airflow Cabinets Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 70. ROLA Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 71. ROLA Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 72. ROW Laminar Airflow Cabinets Market estimates & forecasts, 2018-2027 (USD Billion)

TABLE 73. ROW Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 74. ROW Laminar Airflow Cabinets Market estimates & forecasts by segment 2018-2027 (USD Billion)

TABLE 75. List of secondary sources used in the study of global Laminar Airflow Cabinets Market .

TABLE 76. List of primary sources used in the study of global Laminar Airflow Cabinets Market .

TABLE 77. Years considered for the study.

TABLE 78. Exchange rates considered.

List Of Figures

LIST OF FIGURES

- FIG 1. Global Laminar Airflow Cabinets Market , research methodology
- FIG 2. Global Laminar Airflow Cabinets Market , market estimation techniques
- FIG 3. Global market size estimates & forecast methods
- FIG 4. Global Laminar Airflow Cabinets Market , key trends 2019
- FIG 5. Global Laminar Airflow Cabinets Market , growth prospects 2020-2027
- FIG 6. Global Laminar Airflow Cabinets Market , porters 5 force model
- FIG 7. Global Laminar Airflow Cabinets Market , pest analysis
- FIG 8. Global Laminar Airflow Cabinets Market , value chain analysis
- FIG 9. Global Laminar Airflow Cabinets Market by segment, 2018 & 2027 (USD Billion)
- FIG 10. Global Laminar Airflow Cabinets Market by segment, 2018 & 2027 (USD Billion)
- FIG 11. Global Laminar Airflow Cabinets Market by segment, 2018 & 2027 (USD Billion)
- FIG 12. Global Laminar Airflow Cabinets Market by segment, 2018 & 2027 (USD Billion)
- FIG 13. Global Laminar Airflow Cabinets Market by segment, 2018 & 2027 (USD Billion)
- FIG 14. Global Laminar Airflow Cabinets Market by segment, 2018 & 2027 (USD Billion)
- FIG 15. Global Laminar Airflow Cabinets Market by segment, 2018 & 2027 (USD Billion)
- FIG 16. Global Laminar Airflow Cabinets Market by segment, 2018 & 2027 (USD Billion)
- FIG 17. Global Laminar Airflow Cabinets Market , regional snapshot 2018 & 2027
- FIG 18. North America Laminar Airflow Cabinets Market 2018 & 2027 (USD Billion)
- FIG 19. Europe Laminar Airflow Cabinets Market 2018 & 2027 (USD Billion)
- FIG 20. Asia-Pacific Laminar Airflow Cabinets Market 2018 & 2027 (USD Billion)
- FIG 21. Latin America Laminar Airflow Cabinets Market 2018 & 2027 (USD Billion)
- FIG 22. Global Laminar Airflow Cabinets Market , company market share analysis (2019)

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