

# Global Vacuum Energy-saving Glass Market Growth 2026-2032

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## Abstracts

The global Vacuum Energy-saving Glass market size is predicted to grow from US\$ 1096 million in 2025 to US\$ 1842 million in 2032; it is expected to grow at a CAGR of 7.0% from 2026 to 2032.

Vacuum-insulated glass is a high-performance insulating glass that forms a vacuum layer between two or more panes of glass to significantly reduce heat conduction and energy loss. It is widely used in building facades, windows, curtain walls, and other architectural applications with high energy-saving and thermal insulation requirements. The vacuum layer reduces conductive and convective heat transfer, while low-emissivity coatings and inert gas filling further enhance thermal and sound insulation performance. The upstream of its industry chain includes high-quality glass, low-emissivity coatings, spacers, edge sealing materials, and vacuum pumps; the midstream includes glass cutting, assembly, vacuum treatment, sealing, testing, and quality inspection; downstream applications cover commercial and residential buildings, green building projects, existing building renovations, and smart building solutions. Related services include installation, maintenance, energy efficiency monitoring, and technical consulting to ensure thermal insulation performance, durability, and long-term energy-saving effects. In 2025, global vacuum-insulated glass production was approximately 149.33 million m<sup>2</sup>, with a global average market price of approximately US\$75 per square meter. The gross profit margin of major companies in the industry ranged from 25% to 40%. Global production capacity in 2025 was approximately 186.66 million m<sup>2</sup>.

United States market for Vacuum Energy-saving Glass is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

China market for Vacuum Energy-saving Glass is estimated to increase from US\$

million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Europe market for Vacuum Energy-saving Glass is estimated to increase from US\$ million in 2025 to US\$ million by 2032, at a CAGR of % from 2026 through 2032.

Global key Vacuum Energy-saving Glass players cover Guardian Glass, AGC Inc., NSG Group, Saint-Gobain Glass, SCHOTT AG, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2025.

LP Information, Inc. (LPI) ' newest research report, the "Vacuum Energy-saving Glass Industry Forecast" looks at past sales and reviews total world Vacuum Energy-saving Glass sales in 2025, providing a comprehensive analysis by region and market sector of projected Vacuum Energy-saving Glass sales for 2026 through 2032. With Vacuum Energy-saving Glass sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world Vacuum Energy-saving Glass industry.

This Insight Report provides a comprehensive analysis of the global Vacuum Energy-saving Glass landscape and highlights key trends related to product segmentation, company formation, revenue, and market share, latest development, and M&A activity. This report also analyzes the strategies of leading global companies with a focus on Vacuum Energy-saving Glass portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these firms' unique position in an accelerating global Vacuum Energy-saving Glass market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for Vacuum Energy-saving Glass and breaks down the forecast by Type, by Application, geography, and market size to highlight emerging pockets of opportunity. With a transparent methodology based on hundreds of bottom-up qualitative and quantitative market inputs, this study forecast offers a highly nuanced view of the current state and future trajectory in the global Vacuum Energy-saving Glass.

This report presents a comprehensive overview, market shares, and growth opportunities of Vacuum Energy-saving Glass market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Single Vacuum Glass

Double Vacuum Glass

Triple Vacuum Glass

Laminated Vacuum Glass

Segmentation by Coating & Function:

Low-E Vacuum Glass

Solar Control Vacuum Glass

Acoustic Insulated Vacuum Glass

Fire-Resistant Vacuum Glass

Segmentation by Application:

Residential Windows

Commercial Curtain Walls

Skylights & Roofs

High-Speed Train & Aircraft Windows

This report also splits the market by region:

Americas

United States

Canada

Mexico

Brazil

## APAC

China

Japan

Korea

Southeast Asia

India

Australia

## Europe

Germany

France

UK

Italy

Russia

## Middle East & Africa

Egypt

South Africa

Israel

Turkey

## GCC Countries

The below companies that are profiled have been selected based on inputs gathered from primary experts and analysing the company's coverage, product portfolio, its market penetration.

Guardian Glass

AGC Inc.

NSG Group

Saint-Gobain Glass

SCHOTT AG

Vitro Architectural Glass

Pilkington (NSG Group)

Fuyao Glass Industry Group

TAIWANGLASS

Qingdao Hengda Vacuum Glass Equipment Co., Ltd.

### Key Questions Addressed in this Report

What is the 10-year outlook for the global Vacuum Energy-saving Glass market?

What factors are driving Vacuum Energy-saving Glass market growth, globally and by region?

Which technologies are poised for the fastest growth by market and region?

How do Vacuum Energy-saving Glass market opportunities vary by end market size?

How does Vacuum Energy-saving Glass break out by Type, by Application?

## Contents

### 1 SCOPE OF THE REPORT

- 1.1 Market Introduction
- 1.2 Years Considered
- 1.3 Research Objectives
- 1.4 Market Research Methodology
- 1.5 Research Process and Data Source
- 1.6 Economic Indicators
- 1.7 Currency Considered
- 1.8 Market Estimation Caveats

### 2 EXECUTIVE SUMMARY

#### 2.1 World Market Overview

- 2.1.1 Global Vacuum Energy-saving Glass Annual Sales 2021-2032
- 2.1.2 World Current & Future Analysis for Vacuum Energy-saving Glass by Geographic Region, 2021, 2025 & 2032
- 2.1.3 World Current & Future Analysis for Vacuum Energy-saving Glass by Country/Region, 2021, 2025 & 2032

#### 2.2 Vacuum Energy-saving Glass Segment by Type

- 2.2.1 Single Vacuum Glass
- 2.2.2 Double Vacuum Glass
- 2.2.3 Triple Vacuum Glass
- 2.2.4 Laminated Vacuum Glass
- 2.2.5 Vacuum Energy-saving Glass Sales by Type
  - 2.2.5.1 Global Vacuum Energy-saving Glass Sales Market Share by Type (2021-2026)
  - 2.2.5.2 Global Vacuum Energy-saving Glass Revenue and Market Share by Type (2021-2026)
  - 2.2.5.3 Global Vacuum Energy-saving Glass Sale Price by Type (2021-2026)

#### 2.3 Vacuum Energy-saving Glass Segment by Coating & Function

- 2.3.1 Low-E Vacuum Glass
- 2.3.2 Solar Control Vacuum Glass
- 2.3.3 Acoustic Insulated Vacuum Glass
- 2.3.4 Fire-Resistant Vacuum Glass
- 2.3.5 Vacuum Energy-saving Glass Sales by Coating & Function
  - 2.3.5.1 Global Vacuum Energy-saving Glass Sales Market Share by Coating &

## Function (2021-2026)

2.3.5.2 Global Vacuum Energy-saving Glass Revenue and Market Share by Coating & Function (2021-2026)

2.3.5.3 Global Vacuum Energy-saving Glass Sale Price by Coating & Function (2021-2026)

## 2.4 Vacuum Energy-saving Glass Segment by Application

2.4.1 Residential Windows

2.4.2 Commercial Curtain Walls

2.4.3 Skylights & Roofs

2.4.4 High-Speed Train & Aircraft Windows

2.4.5 Vacuum Energy-saving Glass Sales by Application

2.4.5.1 Global Vacuum Energy-saving Glass Sale Market Share by Application (2021-2026)

2.4.5.2 Global Vacuum Energy-saving Glass Revenue and Market Share by Application (2021-2026)

2.4.5.3 Global Vacuum Energy-saving Glass Sale Price by Application (2021-2026)

## **3 GLOBAL BY COMPANY**

### 3.1 Global Vacuum Energy-saving Glass Breakdown Data by Company

3.1.1 Global Vacuum Energy-saving Glass Annual Sales by Company (2021-2026)

3.1.2 Global Vacuum Energy-saving Glass Sales Market Share by Company (2021-2026)

### 3.2 Global Vacuum Energy-saving Glass Annual Revenue by Company (2021-2026)

3.2.1 Global Vacuum Energy-saving Glass Revenue by Company (2021-2026)

3.2.2 Global Vacuum Energy-saving Glass Revenue Market Share by Company (2021-2026)

### 3.3 Global Vacuum Energy-saving Glass Sale Price by Company

### 3.4 Key Manufacturers Vacuum Energy-saving Glass Producing Area Distribution, Sales Area, Product Type

3.4.1 Key Manufacturers Vacuum Energy-saving Glass Product Location Distribution

3.4.2 Players Vacuum Energy-saving Glass Products Offered

### 3.5 Market Concentration Rate Analysis

3.5.1 Competition Landscape Analysis

3.5.2 Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

### 3.6 New Products and Potential Entrants

### 3.7 Market M&A Activity & Strategy

## **4 WORLD HISTORIC REVIEW FOR VACUUM ENERGY-SAVING GLASS BY**

## **GEOGRAPHIC REGION**

4.1 World Historic Vacuum Energy-saving Glass Market Size by Geographic Region (2021-2026)

4.1.1 Global Vacuum Energy-saving Glass Annual Sales by Geographic Region (2021-2026)

4.1.2 Global Vacuum Energy-saving Glass Annual Revenue by Geographic Region (2021-2026)

4.2 World Historic Vacuum Energy-saving Glass Market Size by Country/Region (2021-2026)

4.2.1 Global Vacuum Energy-saving Glass Annual Sales by Country/Region (2021-2026)

4.2.2 Global Vacuum Energy-saving Glass Annual Revenue by Country/Region (2021-2026)

4.3 Americas Vacuum Energy-saving Glass Sales Growth

4.4 APAC Vacuum Energy-saving Glass Sales Growth

4.5 Europe Vacuum Energy-saving Glass Sales Growth

4.6 Middle East & Africa Vacuum Energy-saving Glass Sales Growth

## **5 AMERICAS**

5.1 Americas Vacuum Energy-saving Glass Sales by Country

5.1.1 Americas Vacuum Energy-saving Glass Sales by Country (2021-2026)

5.1.2 Americas Vacuum Energy-saving Glass Revenue by Country (2021-2026)

5.2 Americas Vacuum Energy-saving Glass Sales by Type (2021-2026)

5.3 Americas Vacuum Energy-saving Glass Sales by Application (2021-2026)

5.4 United States

5.5 Canada

5.6 Mexico

5.7 Brazil

## **6 APAC**

6.1 APAC Vacuum Energy-saving Glass Sales by Region

6.1.1 APAC Vacuum Energy-saving Glass Sales by Region (2021-2026)

6.1.2 APAC Vacuum Energy-saving Glass Revenue by Region (2021-2026)

6.2 APAC Vacuum Energy-saving Glass Sales by Type (2021-2026)

6.3 APAC Vacuum Energy-saving Glass Sales by Application (2021-2026)

6.4 China

- 6.5 Japan
- 6.6 South Korea
- 6.7 Southeast Asia
- 6.8 India
- 6.9 Australia
- 6.10 China Taiwan

## **7 EUROPE**

- 7.1 Europe Vacuum Energy-saving Glass by Country
  - 7.1.1 Europe Vacuum Energy-saving Glass Sales by Country (2021-2026)
  - 7.1.2 Europe Vacuum Energy-saving Glass Revenue by Country (2021-2026)
- 7.2 Europe Vacuum Energy-saving Glass Sales by Type (2021-2026)
- 7.3 Europe Vacuum Energy-saving Glass Sales by Application (2021-2026)
- 7.4 Germany
- 7.5 France
- 7.6 UK
- 7.7 Italy
- 7.8 Russia

## **8 MIDDLE EAST & AFRICA**

- 8.1 Middle East & Africa Vacuum Energy-saving Glass by Country
  - 8.1.1 Middle East & Africa Vacuum Energy-saving Glass Sales by Country (2021-2026)
  - 8.1.2 Middle East & Africa Vacuum Energy-saving Glass Revenue by Country (2021-2026)
- 8.2 Middle East & Africa Vacuum Energy-saving Glass Sales by Type (2021-2026)
- 8.3 Middle East & Africa Vacuum Energy-saving Glass Sales by Application (2021-2026)
- 8.4 Egypt
- 8.5 South Africa
- 8.6 Israel
- 8.7 Turkey
- 8.8 GCC Countries

## **9 MARKET DRIVERS, CHALLENGES AND TRENDS**

- 9.1 Market Drivers & Growth Opportunities

9.2 Market Challenges & Risks

9.3 Industry Trends

## **10 MANUFACTURING COST STRUCTURE ANALYSIS**

10.1 Raw Material and Suppliers

10.2 Manufacturing Cost Structure Analysis of Vacuum Energy-saving Glass

10.3 Manufacturing Process Analysis of Vacuum Energy-saving Glass

10.4 Industry Chain Structure of Vacuum Energy-saving Glass

## **11 MARKETING, DISTRIBUTORS AND CUSTOMER**

11.1 Sales Channel

11.1.1 Direct Channels

11.1.2 Indirect Channels

11.2 Vacuum Energy-saving Glass Distributors

11.3 Vacuum Energy-saving Glass Customer

## **12 WORLD FORECAST REVIEW FOR VACUUM ENERGY-SAVING GLASS BY GEOGRAPHIC REGION**

12.1 Global Vacuum Energy-saving Glass Market Size Forecast by Region

12.1.1 Global Vacuum Energy-saving Glass Forecast by Region (2027-2032)

12.1.2 Global Vacuum Energy-saving Glass Annual Revenue Forecast by Region (2027-2032)

12.2 Americas Forecast by Country (2027-2032)

12.3 APAC Forecast by Region (2027-2032)

12.4 Europe Forecast by Country (2027-2032)

12.5 Middle East & Africa Forecast by Country (2027-2032)

12.6 Global Vacuum Energy-saving Glass Forecast by Type (2027-2032)

12.7 Global Vacuum Energy-saving Glass Forecast by Application (2027-2032)

## **13 KEY PLAYERS ANALYSIS**

13.1 Guardian Glass

13.1.1 Guardian Glass Company Information

13.1.2 Guardian Glass Vacuum Energy-saving Glass Product Portfolios and Specifications

13.1.3 Guardian Glass Vacuum Energy-saving Glass Sales, Revenue, Price and

## Gross Margin (2021-2026)

13.1.4 Guardian Glass Main Business Overview

13.1.5 Guardian Glass Latest Developments

## 13.2 AGC Inc.

13.2.1 AGC Inc. Company Information

13.2.2 AGC Inc. Vacuum Energy-saving Glass Product Portfolios and Specifications

13.2.3 AGC Inc. Vacuum Energy-saving Glass Sales, Revenue, Price and Gross

## Margin (2021-2026)

13.2.4 AGC Inc. Main Business Overview

13.2.5 AGC Inc. Latest Developments

## 13.3 NSG Group

13.3.1 NSG Group Company Information

13.3.2 NSG Group Vacuum Energy-saving Glass Product Portfolios and Specifications

13.3.3 NSG Group Vacuum Energy-saving Glass Sales, Revenue, Price and Gross

## Margin (2021-2026)

13.3.4 NSG Group Main Business Overview

13.3.5 NSG Group Latest Developments

## 13.4 Saint-Gobain Glass

13.4.1 Saint-Gobain Glass Company Information

13.4.2 Saint-Gobain Glass Vacuum Energy-saving Glass Product Portfolios and Specifications

13.4.3 Saint-Gobain Glass Vacuum Energy-saving Glass Sales, Revenue, Price and Gross Margin (2021-2026)

13.4.4 Saint-Gobain Glass Main Business Overview

13.4.5 Saint-Gobain Glass Latest Developments

## 13.5 SCHOTT AG

13.5.1 SCHOTT AG Company Information

13.5.2 SCHOTT AG Vacuum Energy-saving Glass Product Portfolios and Specifications

13.5.3 SCHOTT AG Vacuum Energy-saving Glass Sales, Revenue, Price and Gross Margin (2021-2026)

13.5.4 SCHOTT AG Main Business Overview

13.5.5 SCHOTT AG Latest Developments

## 13.6 Vitro Architectural Glass

13.6.1 Vitro Architectural Glass Company Information

13.6.2 Vitro Architectural Glass Vacuum Energy-saving Glass Product Portfolios and Specifications

13.6.3 Vitro Architectural Glass Vacuum Energy-saving Glass Sales, Revenue, Price and Gross Margin (2021-2026)

- 13.6.4 Vitro Architectural Glass Main Business Overview
- 13.6.5 Vitro Architectural Glass Latest Developments
- 13.7 Pilkington (NSG Group)
  - 13.7.1 Pilkington (NSG Group) Company Information
  - 13.7.2 Pilkington (NSG Group) Vacuum Energy-saving Glass Product Portfolios and Specifications
  - 13.7.3 Pilkington (NSG Group) Vacuum Energy-saving Glass Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.7.4 Pilkington (NSG Group) Main Business Overview
  - 13.7.5 Pilkington (NSG Group) Latest Developments
- 13.8 Fuyao Glass Industry Group
  - 13.8.1 Fuyao Glass Industry Group Company Information
  - 13.8.2 Fuyao Glass Industry Group Vacuum Energy-saving Glass Product Portfolios and Specifications
  - 13.8.3 Fuyao Glass Industry Group Vacuum Energy-saving Glass Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.8.4 Fuyao Glass Industry Group Main Business Overview
  - 13.8.5 Fuyao Glass Industry Group Latest Developments
- 13.9 TAIWANGLASS
  - 13.9.1 TAIWANGLASS Company Information
  - 13.9.2 TAIWANGLASS Vacuum Energy-saving Glass Product Portfolios and Specifications
  - 13.9.3 TAIWANGLASS Vacuum Energy-saving Glass Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.9.4 TAIWANGLASS Main Business Overview
  - 13.9.5 TAIWANGLASS Latest Developments
- 13.10 Qingdao Hengda Vacuum Glass Equipment Co., Ltd.
  - 13.10.1 Qingdao Hengda Vacuum Glass Equipment Co., Ltd. Company Information
  - 13.10.2 Qingdao Hengda Vacuum Glass Equipment Co., Ltd. Vacuum Energy-saving Glass Product Portfolios and Specifications
  - 13.10.3 Qingdao Hengda Vacuum Glass Equipment Co., Ltd. Vacuum Energy-saving Glass Sales, Revenue, Price and Gross Margin (2021-2026)
  - 13.10.4 Qingdao Hengda Vacuum Glass Equipment Co., Ltd. Main Business Overview
  - 13.10.5 Qingdao Hengda Vacuum Glass Equipment Co., Ltd. Latest Developments

## **14 RESEARCH FINDINGS AND CONCLUSION**

## List Of Tables

### LIST OF TABLES

Table 1. Vacuum Energy-saving Glass Annual Sales CAGR by Geographic Region (2021, 2025 & 2032) & (\$ millions)

Table 2. Vacuum Energy-saving Glass Annual Sales CAGR by Country/Region (2021, 2025 & 2032) & (\$ millions)

Table 3. Major Players of Single Vacuum Glass

Table 4. Major Players of Double Vacuum Glass

Table 5. Major Players of Triple Vacuum Glass

Table 6. Major Players of Laminated Vacuum Glass

Table 7. Global Vacuum Energy-saving Glass Sales by Type (2021-2026) & (K Sqm)

Table 8. Global Vacuum Energy-saving Glass Sales Market Share by Type (2021-2026)

Table 9. Global Vacuum Energy-saving Glass Revenue by Type (2021-2026) & (\$ million)

Table 10. Global Vacuum Energy-saving Glass Revenue Market Share by Type (2021-2026)

Table 11. Global Vacuum Energy-saving Glass Sale Price by Type (2021-2026) & (US\$/Sq m)

Table 12. Major Players of Low-E Vacuum Glass

Table 13. Major Players of Solar Control Vacuum Glass

Table 14. Major Players of Acoustic Insulated Vacuum Glass

Table 15. Major Players of Fire-Resistant Vacuum Glass

Table 16. Global Vacuum Energy-saving Glass Sales by Coating & Function (2021-2026) & (K Sqm)

Table 17. Global Vacuum Energy-saving Glass Sales Market Share by Coating & Function (2021-2026)

Table 18. Global Vacuum Energy-saving Glass Revenue by Coating & Function (2021-2026) & (\$ million)

Table 19. Global Vacuum Energy-saving Glass Revenue Market Share by Coating & Function (2021-2026)

Table 20. Global Vacuum Energy-saving Glass Sale Price by Coating & Function (2021-2026) & (US\$/Sq m)

Table 21. Global Vacuum Energy-saving Glass Sale by Application (2021-2026) & (K Sqm)

Table 22. Global Vacuum Energy-saving Glass Sale Market Share by Application (2021-2026)

Table 23. Global Vacuum Energy-saving Glass Revenue by Application (2021-2026) &

(\$ million)

Table 24. Global Vacuum Energy-saving Glass Revenue Market Share by Application (2021-2026)

Table 25. Global Vacuum Energy-saving Glass Sale Price by Application (2021-2026) & (US\$/Sq m)

Table 26. Global Vacuum Energy-saving Glass Sales by Company (2021-2026) & (K Sqm)

Table 27. Global Vacuum Energy-saving Glass Sales Market Share by Company (2021-2026)

Table 28. Global Vacuum Energy-saving Glass Revenue by Company (2021-2026) & (\$ millions)

Table 29. Global Vacuum Energy-saving Glass Revenue Market Share by Company (2021-2026)

Table 30. Global Vacuum Energy-saving Glass Sale Price by Company (2021-2026) & (US\$/Sq m)

Table 31. Key Manufacturers Vacuum Energy-saving Glass Producing Area Distribution and Sales Area

Table 32. Players Vacuum Energy-saving Glass Products Offered

Table 33. Vacuum Energy-saving Glass Concentration Ratio (CR3, CR5 and CR10) & (2024-2026)

Table 34. New Products and Potential Entrants

Table 35. Market M&A Activity & Strategy

Table 36. Global Vacuum Energy-saving Glass Sales by Geographic Region (2021-2026) & (K Sqm)

Table 37. Global Vacuum Energy-saving Glass Sales Market Share Geographic Region (2021-2026)

Table 38. Global Vacuum Energy-saving Glass Revenue by Geographic Region (2021-2026) & (\$ millions)

Table 39. Global Vacuum Energy-saving Glass Revenue Market Share by Geographic Region (2021-2026)

Table 40. Global Vacuum Energy-saving Glass Sales by Country/Region (2021-2026) & (K Sqm)

Table 41. Global Vacuum Energy-saving Glass Sales Market Share by Country/Region (2021-2026)

Table 42. Global Vacuum Energy-saving Glass Revenue by Country/Region (2021-2026) & (\$ millions)

Table 43. Global Vacuum Energy-saving Glass Revenue Market Share by Country/Region (2021-2026)

Table 44. Americas Vacuum Energy-saving Glass Sales by Country (2021-2026) & (K

Sqm)

Table 45. Americas Vacuum Energy-saving Glass Sales Market Share by Country (2021-2026)

Table 46. Americas Vacuum Energy-saving Glass Revenue by Country (2021-2026) & (\$ millions)

Table 47. Americas Vacuum Energy-saving Glass Sales by Type (2021-2026) & (K Sqm)

Table 48. Americas Vacuum Energy-saving Glass Sales by Application (2021-2026) & (K Sqm)

Table 49. APAC Vacuum Energy-saving Glass Sales by Region (2021-2026) & (K Sqm)

Table 50. APAC Vacuum Energy-saving Glass Sales Market Share by Region (2021-2026)

Table 51. APAC Vacuum Energy-saving Glass Revenue by Region (2021-2026) & (\$ millions)

Table 52. APAC Vacuum Energy-saving Glass Sales by Type (2021-2026) & (K Sqm)

Table 53. APAC Vacuum Energy-saving Glass Sales by Application (2021-2026) & (K Sqm)

Table 54. Europe Vacuum Energy-saving Glass Sales by Country (2021-2026) & (K Sqm)

Table 55. Europe Vacuum Energy-saving Glass Revenue by Country (2021-2026) & (\$ millions)

Table 56. Europe Vacuum Energy-saving Glass Sales by Type (2021-2026) & (K Sqm)

Table 57. Europe Vacuum Energy-saving Glass Sales by Application (2021-2026) & (K Sqm)

Table 58. Middle East & Africa Vacuum Energy-saving Glass Sales by Country (2021-2026) & (K Sqm)

Table 59. Middle East & Africa Vacuum Energy-saving Glass Revenue Market Share by Country (2021-2026)

Table 60. Middle East & Africa Vacuum Energy-saving Glass Sales by Type (2021-2026) & (K Sqm)

Table 61. Middle East & Africa Vacuum Energy-saving Glass Sales by Application (2021-2026) & (K Sqm)

Table 62. Key Market Drivers & Growth Opportunities of Vacuum Energy-saving Glass

Table 63. Key Market Challenges & Risks of Vacuum Energy-saving Glass

Table 64. Key Industry Trends of Vacuum Energy-saving Glass

Table 65. Vacuum Energy-saving Glass Raw Material

Table 66. Key Suppliers of Raw Materials

Table 67. Vacuum Energy-saving Glass Distributors List

Table 68. Vacuum Energy-saving Glass Customer List

- Table 69. Global Vacuum Energy-saving Glass Sales Forecast by Region (2027-2032) & (K Sqm)
- Table 70. Global Vacuum Energy-saving Glass Revenue Forecast by Region (2027-2032) & (\$ millions)
- Table 71. Americas Vacuum Energy-saving Glass Sales Forecast by Country (2027-2032) & (K Sqm)
- Table 72. Americas Vacuum Energy-saving Glass Annual Revenue Forecast by Country (2027-2032) & (\$ millions)
- Table 73. APAC Vacuum Energy-saving Glass Sales Forecast by Region (2027-2032) & (K Sqm)
- Table 74. APAC Vacuum Energy-saving Glass Annual Revenue Forecast by Region (2027-2032) & (\$ millions)
- Table 75. Europe Vacuum Energy-saving Glass Sales Forecast by Country (2027-2032) & (K Sqm)
- Table 76. Europe Vacuum Energy-saving Glass Revenue Forecast by Country (2027-2032) & (\$ millions)
- Table 77. Middle East & Africa Vacuum Energy-saving Glass Sales Forecast by Country (2027-2032) & (K Sqm)
- Table 78. Middle East & Africa Vacuum Energy-saving Glass Revenue Forecast by Country (2027-2032) & (\$ millions)
- Table 79. Global Vacuum Energy-saving Glass Sales Forecast by Type (2027-2032) & (K Sqm)
- Table 80. Global Vacuum Energy-saving Glass Revenue Forecast by Type (2027-2032) & (\$ millions)
- Table 81. Global Vacuum Energy-saving Glass Sales Forecast by Application (2027-2032) & (K Sqm)
- Table 82. Global Vacuum Energy-saving Glass Revenue Forecast by Application (2027-2032) & (\$ millions)
- Table 83. Guardian Glass Basic Information, Vacuum Energy-saving Glass Manufacturing Base, Sales Area and Its Competitors
- Table 84. Guardian Glass Vacuum Energy-saving Glass Product Portfolios and Specifications
- Table 85. Guardian Glass Vacuum Energy-saving Glass Sales (K Sqm), Revenue (\$ Million), Price (US\$/Sq m) and Gross Margin (2021-2026)
- Table 86. Guardian Glass Main Business
- Table 87. Guardian Glass Latest Developments
- Table 88. AGC Inc. Basic Information, Vacuum Energy-saving Glass Manufacturing Base, Sales Area and Its Competitors
- Table 89. AGC Inc. Vacuum Energy-saving Glass Product Portfolios and Specifications

Table 90. AGC Inc. Vacuum Energy-saving Glass Sales (K Sqm), Revenue (\$ Million), Price (US\$/Sq m) and Gross Margin (2021-2026)

Table 91. AGC Inc. Main Business

Table 92. AGC Inc. Latest Developments

Table 93. NSG Group Basic Information, Vacuum Energy-saving Glass Manufacturing Base, Sales Area and Its Competitors

Table 94. NSG Group Vacuum Energy-saving Glass Product Portfolios and Specifications

Table 95. NSG Group Vacuum Energy-saving Glass Sales (K Sqm), Revenue (\$ Million), Price (US\$/Sq m) and Gross Margin (2021-2026)

Table 96. NSG Group Main Business

Table 97. NSG Group Latest Developments

Table 98. Saint-Gobain Glass Basic Information, Vacuum Energy-saving Glass Manufacturing Base, Sales Area and Its Competitors

Table 99. Saint-Gobain Glass Vacuum Energy-saving Glass Product Portfolios and Specifications

Table 100. Saint-Gobain Glass Vacuum Energy-saving Glass Sales (K Sqm), Revenue (\$ Million), Price (US\$/Sq m) and Gross Margin (2021-2026)

Table 101. Saint-Gobain Glass Main Business

Table 102. Saint-Gobain Glass Latest Developments

Table 103. SCHOTT AG Basic Information, Vacuum Energy-saving Glass Manufacturing Base, Sales Area and Its Competitors

Table 104. SCHOTT AG Vacuum Energy-saving Glass Product Portfolios and Specifications

Table 105. SCHOTT AG Vacuum Energy-saving Glass Sales (K Sqm), Revenue (\$ Million), Price (US\$/Sq m) and Gross Margin (2021-2026)

Table 106. SCHOTT AG Main Business

Table 107. SCHOTT AG Latest Developments

Table 108. Vitro Architectural Glass Basic Information, Vacuum Energy-saving Glass Manufacturing Base, Sales Area and Its Competitors

Table 109. Vitro Architectural Glass Vacuum Energy-saving Glass Product Portfolios and Specifications

Table 110. Vitro Architectural Glass Vacuum Energy-saving Glass Sales (K Sqm), Revenue (\$ Million), Price (US\$/Sq m) and Gross Margin (2021-2026)

Table 111. Vitro Architectural Glass Main Business

Table 112. Vitro Architectural Glass Latest Developments

Table 113. Pilkington (NSG Group) Basic Information, Vacuum Energy-saving Glass Manufacturing Base, Sales Area and Its Competitors

Table 114. Pilkington (NSG Group) Vacuum Energy-saving Glass Product Portfolios

and Specifications

Table 115. Pilkington (NSG Group) Vacuum Energy-saving Glass Sales (K Sqm), Revenue (\$ Million), Price (US\$/Sq m) and Gross Margin (2021-2026)

Table 116. Pilkington (NSG Group) Main Business

Table 117. Pilkington (NSG Group) Latest Developments

Table 118. Fuyao Glass Industry Group Basic Information, Vacuum Energy-saving Glass Manufacturing Base, Sales Area and Its Competitors

Table 119. Fuyao Glass Industry Group Vacuum Energy-saving Glass Product Portfolios and Specifications

Table 120. Fuyao Glass Industry Group Vacuum Energy-saving Glass Sales (K Sqm), Revenue (\$ Million), Price (US\$/Sq m) and Gross Margin (2021-2026)

Table 121. Fuyao Glass Industry Group Main Business

Table 122. Fuyao Glass Industry Group Latest Developments

Table 123. TAIWANGLASS Basic Information, Vacuum Energy-saving Glass Manufacturing Base, Sales Area and Its Competitors

Table 124. TAIWANGLASS Vacuum Energy-saving Glass Product Portfolios and Specifications

Table 125. TAIWANGLASS Vacuum Energy-saving Glass Sales (K Sqm), Revenue (\$ Million), Price (US\$/Sq m) and Gross Margin (2021-2026)

Table 126. TAIWANGLASS Main Business

Table 127. TAIWANGLASS Latest Developments

Table 128. Qingdao Hengda Vacuum Glass Equipment Co., Ltd. Basic Information, Vacuum Energy-saving Glass Manufacturing Base, Sales Area and Its Competitors

Table 129. Qingdao Hengda Vacuum Glass Equipment Co., Ltd. Vacuum Energy-saving Glass Product Portfolios and Specifications

Table 130. Qingdao Hengda Vacuum Glass Equipment Co., Ltd. Vacuum Energy-saving Glass Sales (K Sqm), Revenue (\$ Million), Price (US\$/Sq m) and Gross Margin (2021-2026)

Table 131. Qingdao Hengda Vacuum Glass Equipment Co., Ltd. Main Business

Table 132. Qingdao Hengda Vacuum Glass Equipment Co., Ltd. Latest Developments

## List Of Figures

### LIST OF FIGURES

- Figure 1. Picture of Vacuum Energy-saving Glass
- Figure 2. Vacuum Energy-saving Glass Report Years Considered
- Figure 3. Research Objectives
- Figure 4. Research Methodology
- Figure 5. Research Process and Data Source
- Figure 6. Global Vacuum Energy-saving Glass Sales Growth Rate 2021-2032 (K Sqm)
- Figure 7. Global Vacuum Energy-saving Glass Revenue Growth Rate 2021-2032 (\$ millions)
- Figure 8. Vacuum Energy-saving Glass Sales by Geographic Region (2021, 2025 & 2032) & (\$ millions)
- Figure 9. Vacuum Energy-saving Glass Sales Market Share by Country/Region (2025)
- Figure 10. Vacuum Energy-saving Glass Sales Market Share by Country/Region (2021, 2025 & 2032)
- Figure 11. Product Picture of Single Vacuum Glass
- Figure 12. Product Picture of Double Vacuum Glass
- Figure 13. Product Picture of Triple Vacuum Glass
- Figure 14. Product Picture of Laminated Vacuum Glass
- Figure 15. Global Vacuum Energy-saving Glass Sales Market Share by Type in 2026
- Figure 16. Global Vacuum Energy-saving Glass Revenue Market Share by Type (2021-2026)
- Figure 17. Product Picture of Low-E Vacuum Glass
- Figure 18. Product Picture of Solar Control Vacuum Glass
- Figure 19. Product Picture of Acoustic Insulated Vacuum Glass
- Figure 20. Product Picture of Fire-Resistant Vacuum Glass
- Figure 21. Global Vacuum Energy-saving Glass Sales Market Share by Coating & Function in 2026
- Figure 22. Global Vacuum Energy-saving Glass Revenue Market Share by Coating & Function (2021-2026)
- Figure 23. Vacuum Energy-saving Glass Consumed in Residential Windows
- Figure 24. Global Vacuum Energy-saving Glass Market: Residential Windows (2021-2026) & (K Sqm)
- Figure 25. Vacuum Energy-saving Glass Consumed in Commercial Curtain Walls
- Figure 26. Global Vacuum Energy-saving Glass Market: Commercial Curtain Walls (2021-2026) & (K Sqm)
- Figure 27. Vacuum Energy-saving Glass Consumed in Skylights & Roofs

Figure 28. Global Vacuum Energy-saving Glass Market: Skylights & Roofs (2021-2026) & (K Sqm)

Figure 29. Vacuum Energy-saving Glass Consumed in High-Speed Train & Aircraft Windows

Figure 30. Global Vacuum Energy-saving Glass Market: High-Speed Train & Aircraft Windows (2021-2026) & (K Sqm)

Figure 31. Global Vacuum Energy-saving Glass Sale Market Share by Application (2025)

Figure 32. Global Vacuum Energy-saving Glass Revenue Market Share by Application in 2025

Figure 33. Vacuum Energy-saving Glass Sales by Company in 2025 (K Sqm)

Figure 34. Global Vacuum Energy-saving Glass Sales Market Share by Company in 2025

Figure 35. Vacuum Energy-saving Glass Revenue by Company in 2025 (\$ millions)

Figure 36. Global Vacuum Energy-saving Glass Revenue Market Share by Company in 2025

Figure 37. Global Vacuum Energy-saving Glass Sales Market Share by Geographic Region (2021-2026)

Figure 38. Global Vacuum Energy-saving Glass Revenue Market Share by Geographic Region in 2025

Figure 39. Americas Vacuum Energy-saving Glass Sales 2021-2026 (K Sqm)

Figure 40. Americas Vacuum Energy-saving Glass Revenue 2021-2026 (\$ millions)

Figure 41. APAC Vacuum Energy-saving Glass Sales 2021-2026 (K Sqm)

Figure 42. APAC Vacuum Energy-saving Glass Revenue 2021-2026 (\$ millions)

Figure 43. Europe Vacuum Energy-saving Glass Sales 2021-2026 (K Sqm)

Figure 44. Europe Vacuum Energy-saving Glass Revenue 2021-2026 (\$ millions)

Figure 45. Middle East & Africa Vacuum Energy-saving Glass Sales 2021-2026 (K Sqm)

Figure 46. Middle East & Africa Vacuum Energy-saving Glass Revenue 2021-2026 (\$ millions)

Figure 47. Americas Vacuum Energy-saving Glass Sales Market Share by Country in 2025

Figure 48. Americas Vacuum Energy-saving Glass Revenue Market Share by Country (2021-2026)

Figure 49. Americas Vacuum Energy-saving Glass Sales Market Share by Type (2021-2026)

Figure 50. Americas Vacuum Energy-saving Glass Sales Market Share by Application (2021-2026)

Figure 51. United States Vacuum Energy-saving Glass Revenue Growth 2021-2026 (\$

millions)

Figure 52. Canada Vacuum Energy-saving Glass Revenue Growth 2021-2026 (\$ millions)

Figure 53. Mexico Vacuum Energy-saving Glass Revenue Growth 2021-2026 (\$ millions)

Figure 54. Brazil Vacuum Energy-saving Glass Revenue Growth 2021-2026 (\$ millions)

Figure 55. APAC Vacuum Energy-saving Glass Sales Market Share by Region in 2025

Figure 56. APAC Vacuum Energy-saving Glass Revenue Market Share by Region (2021-2026)

Figure 57. APAC Vacuum Energy-saving Glass Sales Market Share by Type (2021-2026)

Figure 58. APAC Vacuum Energy-saving Glass Sales Market Share by Application (2021-2026)

Figure 59. China Vacuum Energy-saving Glass Revenue Growth 2021-2026 (\$ millions)

Figure 60. Japan Vacuum Energy-saving Glass Revenue Growth 2021-2026 (\$ millions)

Figure 61. South Korea Vacuum Energy-saving Glass Revenue Growth 2021-2026 (\$ millions)

Figure 62. Southeast Asia Vacuum Energy-saving Glass Revenue Growth 2021-2026 (\$ millions)

Figure 63. India Vacuum Energy-saving Glass Revenue Growth 2021-2026 (\$ millions)

Figure 64. Australia Vacuum Energy-saving Glass Revenue Growth 2021-2026 (\$ millions)

Figure 65. China Taiwan Vacuum Energy-saving Glass Revenue Growth 2021-2026 (\$ millions)

Figure 66. Europe Vacuum Energy-saving Glass Sales Market Share by Country in 2025

Figure 67. Europe Vacuum Energy-saving Glass Revenue Market Share by Country (2021-2026)

Figure 68. Europe Vacuum Energy-saving Glass Sales Market Share by Type (2021-2026)

Figure 69. Europe Vacuum Energy-saving Glass Sales Market Share by Application (2021-2026)

Figure 70. Germany Vacuum Energy-saving Glass Revenue Growth 2021-2026 (\$ millions)

Figure 71. France Vacuum Energy-saving Glass Revenue Growth 2021-2026 (\$ millions)

Figure 72. UK Vacuum Energy-saving Glass Revenue Growth 2021-2026 (\$ millions)

Figure 73. Italy Vacuum Energy-saving Glass Revenue Growth 2021-2026 (\$ millions)

Figure 74. Russia Vacuum Energy-saving Glass Revenue Growth 2021-2026 (\$

millions)

Figure 75. Middle East & Africa Vacuum Energy-saving Glass Sales Market Share by Country (2021-2026)

Figure 76. Middle East & Africa Vacuum Energy-saving Glass Sales Market Share by Type (2021-2026)

Figure 77. Middle East & Africa Vacuum Energy-saving Glass Sales Market Share by Application (2021-2026)

Figure 78. Egypt Vacuum Energy-saving Glass Revenue Growth 2021-2026 (\$ millions)

Figure 79. South Africa Vacuum Energy-saving Glass Revenue Growth 2021-2026 (\$ millions)

Figure 80. Israel Vacuum Energy-saving Glass Revenue Growth 2021-2026 (\$ millions)

Figure 81. Turkey Vacuum Energy-saving Glass Revenue Growth 2021-2026 (\$ millions)

Figure 82. GCC Countries Vacuum Energy-saving Glass Revenue Growth 2021-2026 (\$ millions)

Figure 83. Manufacturing Cost Structure Analysis of Vacuum Energy-saving Glass in 2026

Figure 84. Manufacturing Process Analysis of Vacuum Energy-saving Glass

Figure 85. Industry Chain Structure of Vacuum Energy-saving Glass

Figure 86. Channels of Distribution

Figure 87. Global Vacuum Energy-saving Glass Sales Market Forecast by Region (2027-2032)

Figure 88. Global Vacuum Energy-saving Glass Revenue Market Share Forecast by Region (2027-2032)

Figure 89. Global Vacuum Energy-saving Glass Sales Market Share Forecast by Type (2027-2032)

Figure 90. Global Vacuum Energy-saving Glass Revenue Market Share Forecast by Type (2027-2032)

Figure 91. Global Vacuum Energy-saving Glass Sales Market Share Forecast by Application (2027-2032)

Figure 92. Global Vacuum Energy-saving Glass Revenue Market Share Forecast by Application (2027-2032)

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