

# Global Helium Gas Purification System Supply, Demand and Key Producers, 2023-2029

<https://marketpublishers.com/r/GB4A34C20BA2EN.html>

Date: December 2023

Pages: 139

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

ID: GB4A34C20BA2EN

## Abstracts

The global Helium Gas Purification System market size is expected to reach \$ 619.8 million by 2029, rising at a market growth of 8.4% CAGR during the forecast period (2023-2029).

Helium gas purification system is an international frontier research field, and the methods used include low temperature condensation, membrane separation, pressure swing adsorption, chemical adsorption and other methods. The common method of helium purification cycle equipment is low temperature and condensation method. In addition, a large number of new technologies in the low-temperature field have been adopted during the equipment development process, including vibration reduction of high-pressure helium compressors, special welding technology for low-temperature and high-pressure copper pipes, and low-temperature high-pressure joint sealing technology, etc., to optimize products. On this basis, a breakthrough has been made in the purification technology of membrane separation method, and the low-purity helium with a purity of 10% is purified to more than 99.5% through a composite purification and separation method, and the system purification recovery rate is 60%.

This report studies the global Helium Gas Purification System production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Helium Gas Purification System, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2022 as the base year. This report explores demand trends and competition, as well as details the characteristics of Helium Gas Purification System that contribute to its increasing demand across many markets.

## Highlights and key features of the study

Global Helium Gas Purification System total production and demand, 2018-2029, (Units)

Global Helium Gas Purification System total production value, 2018-2029, (USD Million)

Global Helium Gas Purification System production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Helium Gas Purification System consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: Helium Gas Purification System domestic production, consumption, key domestic manufacturers and share

Global Helium Gas Purification System production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global Helium Gas Purification System production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Helium Gas Purification System production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units).

This reports profiles key players in the global Helium Gas Purification System 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 Entegris, Air Liquide, Air Products, Sumitomo Chemicals, Linde, Taiyo Nippon Sanso, Ivys Adsorbation, Guangzhou Guanggang Gases & Energy and Cryomech (Bluefors), 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 Helium Gas Purification System market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (K USD/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2018-2029 by year with 2022 as the base year, 2023 as the estimate year, and 2024-2029 as the forecast year.

#### Global Helium Gas Purification System Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

#### Global Helium Gas Purification System Market, Segmentation by Type

Cryogenic Distillation

Pressure Swing Adsorption (PSA)

Membrane Separation

#### Global Helium Gas Purification System Market, Segmentation by Application

Medical

Semiconductor

Aerospace

Others

#### Companies Profiled:

Entegris

Air Liquide

Air Products

Sumitomo Chemicals

Linde

Taiyo Nippon Sanso

Ivys Adsorbation

Guangzhou Guanggang Gases & Energy

Cryomech (Bluefors)

Sysadvance

Bhuruka Gases Ltd

Quantum Design

#### Key Questions Answered

1. How big is the global Helium Gas Purification System market?
2. What is the demand of the global Helium Gas Purification System market?

3. What is the year over year growth of the global Helium Gas Purification System market?
4. What is the production and production value of the global Helium Gas Purification System market?
5. Who are the key producers in the global Helium Gas Purification System market?

## Contents

### 1 SUPPLY SUMMARY

- 1.1 Helium Gas Purification System Introduction
- 1.2 World Helium Gas Purification System Supply & Forecast
  - 1.2.1 World Helium Gas Purification System Production Value (2018 & 2022 & 2029)
  - 1.2.2 World Helium Gas Purification System Production (2018-2029)
  - 1.2.3 World Helium Gas Purification System Pricing Trends (2018-2029)
- 1.3 World Helium Gas Purification System Production by Region (Based on Production Site)
  - 1.3.1 World Helium Gas Purification System Production Value by Region (2018-2029)
  - 1.3.2 World Helium Gas Purification System Production by Region (2018-2029)
  - 1.3.3 World Helium Gas Purification System Average Price by Region (2018-2029)
  - 1.3.4 North America Helium Gas Purification System Production (2018-2029)
  - 1.3.5 Europe Helium Gas Purification System Production (2018-2029)
  - 1.3.6 China Helium Gas Purification System Production (2018-2029)
  - 1.3.7 Japan Helium Gas Purification System Production (2018-2029)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 Helium Gas Purification System Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 Helium Gas Purification System Major Market Trends

### 2 DEMAND SUMMARY

- 2.1 World Helium Gas Purification System Demand (2018-2029)
- 2.2 World Helium Gas Purification System Consumption by Region
  - 2.2.1 World Helium Gas Purification System Consumption by Region (2018-2023)
  - 2.2.2 World Helium Gas Purification System Consumption Forecast by Region (2024-2029)
- 2.3 United States Helium Gas Purification System Consumption (2018-2029)
- 2.4 China Helium Gas Purification System Consumption (2018-2029)
- 2.5 Europe Helium Gas Purification System Consumption (2018-2029)
- 2.6 Japan Helium Gas Purification System Consumption (2018-2029)
- 2.7 South Korea Helium Gas Purification System Consumption (2018-2029)
- 2.8 ASEAN Helium Gas Purification System Consumption (2018-2029)
- 2.9 India Helium Gas Purification System Consumption (2018-2029)

### 3 WORLD HELIUM GAS PURIFICATION SYSTEM MANUFACTURERS

## **COMPETITIVE ANALYSIS**

- 3.1 World Helium Gas Purification System Production Value by Manufacturer (2018-2023)
- 3.2 World Helium Gas Purification System Production by Manufacturer (2018-2023)
- 3.3 World Helium Gas Purification System Average Price by Manufacturer (2018-2023)
- 3.4 Helium Gas Purification System Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
  - 3.5.1 Global Helium Gas Purification System Industry Rank of Major Manufacturers
  - 3.5.2 Global Concentration Ratios (CR4) for Helium Gas Purification System in 2022
  - 3.5.3 Global Concentration Ratios (CR8) for Helium Gas Purification System in 2022
- 3.6 Helium Gas Purification System Market: Overall Company Footprint Analysis
  - 3.6.1 Helium Gas Purification System Market: Region Footprint
  - 3.6.2 Helium Gas Purification System Market: Company Product Type Footprint
  - 3.6.3 Helium Gas Purification System 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: Helium Gas Purification System Production Value Comparison
  - 4.1.1 United States VS China: Helium Gas Purification System Production Value Comparison (2018 & 2022 & 2029)
  - 4.1.2 United States VS China: Helium Gas Purification System Production Value Market Share Comparison (2018 & 2022 & 2029)
- 4.2 United States VS China: Helium Gas Purification System Production Comparison
  - 4.2.1 United States VS China: Helium Gas Purification System Production Comparison (2018 & 2022 & 2029)
  - 4.2.2 United States VS China: Helium Gas Purification System Production Market Share Comparison (2018 & 2022 & 2029)
- 4.3 United States VS China: Helium Gas Purification System Consumption Comparison
  - 4.3.1 United States VS China: Helium Gas Purification System Consumption Comparison (2018 & 2022 & 2029)
  - 4.3.2 United States VS China: Helium Gas Purification System Consumption Market

Share Comparison (2018 & 2022 & 2029)

4.4 United States Based Helium Gas Purification System Manufacturers and Market Share, 2018-2023

4.4.1 United States Based Helium Gas Purification System Manufacturers, Headquarters and Production Site (States, Country)

4.4.2 United States Based Manufacturers Helium Gas Purification System Production Value (2018-2023)

4.4.3 United States Based Manufacturers Helium Gas Purification System Production (2018-2023)

4.5 China Based Helium Gas Purification System Manufacturers and Market Share

4.5.1 China Based Helium Gas Purification System Manufacturers, Headquarters and Production Site (Province, Country)

4.5.2 China Based Manufacturers Helium Gas Purification System Production Value (2018-2023)

4.5.3 China Based Manufacturers Helium Gas Purification System Production (2018-2023)

4.6 Rest of World Based Helium Gas Purification System Manufacturers and Market Share, 2018-2023

4.6.1 Rest of World Based Helium Gas Purification System Manufacturers, Headquarters and Production Site (State, Country)

4.6.2 Rest of World Based Manufacturers Helium Gas Purification System Production Value (2018-2023)

4.6.3 Rest of World Based Manufacturers Helium Gas Purification System Production (2018-2023)

## **5 MARKET ANALYSIS BY TYPE**

5.1 World Helium Gas Purification System Market Size Overview by Type: 2018 VS 2022 VS 2029

5.2 Segment Introduction by Type

5.2.1 Cryogenic Distillation

5.2.2 Pressure Swing Adsorption (PSA)

5.2.3 Membrane Separation

5.3 Market Segment by Type

5.3.1 World Helium Gas Purification System Production by Type (2018-2029)

5.3.2 World Helium Gas Purification System Production Value by Type (2018-2029)

5.3.3 World Helium Gas Purification System Average Price by Type (2018-2029)

## **6 MARKET ANALYSIS BY APPLICATION**



6.1 World Helium Gas Purification System Market Size Overview by Application: 2018 VS 2022 VS 2029

6.2 Segment Introduction by Application

6.2.1 Medical

6.2.2 Semiconductor

6.2.3 Aerospace

6.2.4 Others

6.3 Market Segment by Application

6.3.1 World Helium Gas Purification System Production by Application (2018-2029)

6.3.2 World Helium Gas Purification System Production Value by Application (2018-2029)

6.3.3 World Helium Gas Purification System Average Price by Application (2018-2029)

## **7 COMPANY PROFILES**

7.1 Entegris

7.1.1 Entegris Details

7.1.2 Entegris Major Business

7.1.3 Entegris Helium Gas Purification System Product and Services

7.1.4 Entegris Helium Gas Purification System Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.1.5 Entegris Recent Developments/Updates

7.1.6 Entegris Competitive Strengths & Weaknesses

7.2 Air Liquide

7.2.1 Air Liquide Details

7.2.2 Air Liquide Major Business

7.2.3 Air Liquide Helium Gas Purification System Product and Services

7.2.4 Air Liquide Helium Gas Purification System Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.2.5 Air Liquide Recent Developments/Updates

7.2.6 Air Liquide Competitive Strengths & Weaknesses

7.3 Air Products

7.3.1 Air Products Details

7.3.2 Air Products Major Business

7.3.3 Air Products Helium Gas Purification System Product and Services

7.3.4 Air Products Helium Gas Purification System Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.3.5 Air Products Recent Developments/Updates

- 7.3.6 Air Products Competitive Strengths & Weaknesses
- 7.4 Sumitomo Chemicals
  - 7.4.1 Sumitomo Chemicals Details
  - 7.4.2 Sumitomo Chemicals Major Business
  - 7.4.3 Sumitomo Chemicals Helium Gas Purification System Product and Services
  - 7.4.4 Sumitomo Chemicals Helium Gas Purification System Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.4.5 Sumitomo Chemicals Recent Developments/Updates
  - 7.4.6 Sumitomo Chemicals Competitive Strengths & Weaknesses
- 7.5 Linde
  - 7.5.1 Linde Details
  - 7.5.2 Linde Major Business
  - 7.5.3 Linde Helium Gas Purification System Product and Services
  - 7.5.4 Linde Helium Gas Purification System Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.5.5 Linde Recent Developments/Updates
  - 7.5.6 Linde Competitive Strengths & Weaknesses
- 7.6 Taiyo Nippon Sanso
  - 7.6.1 Taiyo Nippon Sanso Details
  - 7.6.2 Taiyo Nippon Sanso Major Business
  - 7.6.3 Taiyo Nippon Sanso Helium Gas Purification System Product and Services
  - 7.6.4 Taiyo Nippon Sanso Helium Gas Purification System Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.6.5 Taiyo Nippon Sanso Recent Developments/Updates
  - 7.6.6 Taiyo Nippon Sanso Competitive Strengths & Weaknesses
- 7.7 Ivys Adsorbation
  - 7.7.1 Ivys Adsorbation Details
  - 7.7.2 Ivys Adsorbation Major Business
  - 7.7.3 Ivys Adsorbation Helium Gas Purification System Product and Services
  - 7.7.4 Ivys Adsorbation Helium Gas Purification System Production, Price, Value, Gross Margin and Market Share (2018-2023)
  - 7.7.5 Ivys Adsorbation Recent Developments/Updates
  - 7.7.6 Ivys Adsorbation Competitive Strengths & Weaknesses
- 7.8 Guangzhou Guanggang Gases & Energy
  - 7.8.1 Guangzhou Guanggang Gases & Energy Details
  - 7.8.2 Guangzhou Guanggang Gases & Energy Major Business
  - 7.8.3 Guangzhou Guanggang Gases & Energy Helium Gas Purification System Product and Services
  - 7.8.4 Guangzhou Guanggang Gases & Energy Helium Gas Purification System

## Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.8.5 Guangzhou Guanggang Gases & Energy Recent Developments/Updates

7.8.6 Guangzhou Guanggang Gases & Energy Competitive Strengths & Weaknesses

## 7.9 Cryomech (Bluefors)

7.9.1 Cryomech (Bluefors) Details

7.9.2 Cryomech (Bluefors) Major Business

7.9.3 Cryomech (Bluefors) Helium Gas Purification System Product and Services

7.9.4 Cryomech (Bluefors) Helium Gas Purification System Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.9.5 Cryomech (Bluefors) Recent Developments/Updates

7.9.6 Cryomech (Bluefors) Competitive Strengths & Weaknesses

## 7.10 Sysadvance

7.10.1 Sysadvance Details

7.10.2 Sysadvance Major Business

7.10.3 Sysadvance Helium Gas Purification System Product and Services

7.10.4 Sysadvance Helium Gas Purification System Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.10.5 Sysadvance Recent Developments/Updates

7.10.6 Sysadvance Competitive Strengths & Weaknesses

## 7.11 Bhuruka Gases Ltd

7.11.1 Bhuruka Gases Ltd Details

7.11.2 Bhuruka Gases Ltd Major Business

7.11.3 Bhuruka Gases Ltd Helium Gas Purification System Product and Services

7.11.4 Bhuruka Gases Ltd Helium Gas Purification System Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.11.5 Bhuruka Gases Ltd Recent Developments/Updates

7.11.6 Bhuruka Gases Ltd Competitive Strengths & Weaknesses

## 7.12 Quantum Design

7.12.1 Quantum Design Details

7.12.2 Quantum Design Major Business

7.12.3 Quantum Design Helium Gas Purification System Product and Services

7.12.4 Quantum Design Helium Gas Purification System Production, Price, Value, Gross Margin and Market Share (2018-2023)

7.12.5 Quantum Design Recent Developments/Updates

7.12.6 Quantum Design Competitive Strengths & Weaknesses

## **8 INDUSTRY CHAIN ANALYSIS**

### 8.1 Helium Gas Purification System Industry Chain

## 8.2 Helium Gas Purification System Upstream Analysis

### 8.2.1 Helium Gas Purification System Core Raw Materials

### 8.2.2 Main Manufacturers of Helium Gas Purification System Core Raw Materials

## 8.3 Midstream Analysis

## 8.4 Downstream Analysis

## 8.5 Helium Gas Purification System Production Mode

## 8.6 Helium Gas Purification System Procurement Model

## 8.7 Helium Gas Purification System Industry Sales Model and Sales Channels

### 8.7.1 Helium Gas Purification System Sales Model

### 8.7.2 Helium Gas Purification System Typical Customers

## **9 RESEARCH FINDINGS AND CONCLUSION**

## **10 APPENDIX**

### 10.1 Methodology

### 10.2 Research Process and Data Source

### 10.3 Disclaimer

## List Of Tables

### LIST OF TABLES

Table 1. World Helium Gas Purification System Production Value by Region (2018, 2022 and 2029) & (USD Million)

Table 2. World Helium Gas Purification System Production Value by Region (2018-2023) & (USD Million)

Table 3. World Helium Gas Purification System Production Value by Region (2024-2029) & (USD Million)

Table 4. World Helium Gas Purification System Production Value Market Share by Region (2018-2023)

Table 5. World Helium Gas Purification System Production Value Market Share by Region (2024-2029)

Table 6. World Helium Gas Purification System Production by Region (2018-2023) & (Units)

Table 7. World Helium Gas Purification System Production by Region (2024-2029) & (Units)

Table 8. World Helium Gas Purification System Production Market Share by Region (2018-2023)

Table 9. World Helium Gas Purification System Production Market Share by Region (2024-2029)

Table 10. World Helium Gas Purification System Average Price by Region (2018-2023) & (K USD/Unit)

Table 11. World Helium Gas Purification System Average Price by Region (2024-2029) & (K USD/Unit)

Table 12. Helium Gas Purification System Major Market Trends

Table 13. World Helium Gas Purification System Consumption Growth Rate Forecast by Region (2018 & 2022 & 2029) & (Units)

Table 14. World Helium Gas Purification System Consumption by Region (2018-2023) & (Units)

Table 15. World Helium Gas Purification System Consumption Forecast by Region (2024-2029) & (Units)

Table 16. World Helium Gas Purification System Production Value by Manufacturer (2018-2023) & (USD Million)

Table 17. Production Value Market Share of Key Helium Gas Purification System Producers in 2022

Table 18. World Helium Gas Purification System Production by Manufacturer (2018-2023) & (Units)

Table 19. Production Market Share of Key Helium Gas Purification System Producers in 2022

Table 20. World Helium Gas Purification System Average Price by Manufacturer (2018-2023) & (K USD/Unit)

Table 21. Global Helium Gas Purification System Company Evaluation Quadrant

Table 22. World Helium Gas Purification System Industry Rank of Major Manufacturers, Based on Production Value in 2022

Table 23. Head Office and Helium Gas Purification System Production Site of Key Manufacturer

Table 24. Helium Gas Purification System Market: Company Product Type Footprint

Table 25. Helium Gas Purification System Market: Company Product Application Footprint

Table 26. Helium Gas Purification System Competitive Factors

Table 27. Helium Gas Purification System New Entrant and Capacity Expansion Plans

Table 28. Helium Gas Purification System Mergers & Acquisitions Activity

Table 29. United States VS China Helium Gas Purification System Production Value Comparison, (2018 & 2022 & 2029) & (USD Million)

Table 30. United States VS China Helium Gas Purification System Production Comparison, (2018 & 2022 & 2029) & (Units)

Table 31. United States VS China Helium Gas Purification System Consumption Comparison, (2018 & 2022 & 2029) & (Units)

Table 32. United States Based Helium Gas Purification System Manufacturers, Headquarters and Production Site (States, Country)

Table 33. United States Based Manufacturers Helium Gas Purification System Production Value, (2018-2023) & (USD Million)

Table 34. United States Based Manufacturers Helium Gas Purification System Production Value Market Share (2018-2023)

Table 35. United States Based Manufacturers Helium Gas Purification System Production (2018-2023) & (Units)

Table 36. United States Based Manufacturers Helium Gas Purification System Production Market Share (2018-2023)

Table 37. China Based Helium Gas Purification System Manufacturers, Headquarters and Production Site (Province, Country)

Table 38. China Based Manufacturers Helium Gas Purification System Production Value, (2018-2023) & (USD Million)

Table 39. China Based Manufacturers Helium Gas Purification System Production Value Market Share (2018-2023)

Table 40. China Based Manufacturers Helium Gas Purification System Production (2018-2023) & (Units)

Table 41. China Based Manufacturers Helium Gas Purification System Production Market Share (2018-2023)

Table 42. Rest of World Based Helium Gas Purification System Manufacturers, Headquarters and Production Site (States, Country)

Table 43. Rest of World Based Manufacturers Helium Gas Purification System Production Value, (2018-2023) & (USD Million)

Table 44. Rest of World Based Manufacturers Helium Gas Purification System Production Value Market Share (2018-2023)

Table 45. Rest of World Based Manufacturers Helium Gas Purification System Production (2018-2023) & (Units)

Table 46. Rest of World Based Manufacturers Helium Gas Purification System Production Market Share (2018-2023)

Table 47. World Helium Gas Purification System Production Value by Type, (USD Million), 2018 & 2022 & 2029

Table 48. World Helium Gas Purification System Production by Type (2018-2023) & (Units)

Table 49. World Helium Gas Purification System Production by Type (2024-2029) & (Units)

Table 50. World Helium Gas Purification System Production Value by Type (2018-2023) & (USD Million)

Table 51. World Helium Gas Purification System Production Value by Type (2024-2029) & (USD Million)

Table 52. World Helium Gas Purification System Average Price by Type (2018-2023) & (K USD/Unit)

Table 53. World Helium Gas Purification System Average Price by Type (2024-2029) & (K USD/Unit)

Table 54. World Helium Gas Purification System Production Value by Application, (USD Million), 2018 & 2022 & 2029

Table 55. World Helium Gas Purification System Production by Application (2018-2023) & (Units)

Table 56. World Helium Gas Purification System Production by Application (2024-2029) & (Units)

Table 57. World Helium Gas Purification System Production Value by Application (2018-2023) & (USD Million)

Table 58. World Helium Gas Purification System Production Value by Application (2024-2029) & (USD Million)

Table 59. World Helium Gas Purification System Average Price by Application (2018-2023) & (K USD/Unit)

Table 60. World Helium Gas Purification System Average Price by Application

(2024-2029) & (K USD/Unit)

Table 61. Entegris Basic Information, Manufacturing Base and Competitors

Table 62. Entegris Major Business

Table 63. Entegris Helium Gas Purification System Product and Services

Table 64. Entegris Helium Gas Purification System Production (Units), Price (K USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 65. Entegris Recent Developments/Updates

Table 66. Entegris Competitive Strengths & Weaknesses

Table 67. Air Liquide Basic Information, Manufacturing Base and Competitors

Table 68. Air Liquide Major Business

Table 69. Air Liquide Helium Gas Purification System Product and Services

Table 70. Air Liquide Helium Gas Purification System Production (Units), Price (K USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 71. Air Liquide Recent Developments/Updates

Table 72. Air Liquide Competitive Strengths & Weaknesses

Table 73. Air Products Basic Information, Manufacturing Base and Competitors

Table 74. Air Products Major Business

Table 75. Air Products Helium Gas Purification System Product and Services

Table 76. Air Products Helium Gas Purification System Production (Units), Price (K USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 77. Air Products Recent Developments/Updates

Table 78. Air Products Competitive Strengths & Weaknesses

Table 79. Sumitomo Chemicals Basic Information, Manufacturing Base and Competitors

Table 80. Sumitomo Chemicals Major Business

Table 81. Sumitomo Chemicals Helium Gas Purification System Product and Services

Table 82. Sumitomo Chemicals Helium Gas Purification System Production (Units), Price (K USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 83. Sumitomo Chemicals Recent Developments/Updates

Table 84. Sumitomo Chemicals Competitive Strengths & Weaknesses

Table 85. Linde Basic Information, Manufacturing Base and Competitors

Table 86. Linde Major Business

Table 87. Linde Helium Gas Purification System Product and Services

Table 88. Linde Helium Gas Purification System Production (Units), Price (K USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 89. Linde Recent Developments/Updates



- Table 90. Linde Competitive Strengths & Weaknesses
- Table 91. Taiyo Nippon Sanso Basic Information, Manufacturing Base and Competitors
- Table 92. Taiyo Nippon Sanso Major Business
- Table 93. Taiyo Nippon Sanso Helium Gas Purification System Product and Services
- Table 94. Taiyo Nippon Sanso Helium Gas Purification System Production (Units), Price (K USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 95. Taiyo Nippon Sanso Recent Developments/Updates
- Table 96. Taiyo Nippon Sanso Competitive Strengths & Weaknesses
- Table 97. Ivys Adsorbation Basic Information, Manufacturing Base and Competitors
- Table 98. Ivys Adsorbation Major Business
- Table 99. Ivys Adsorbation Helium Gas Purification System Product and Services
- Table 100. Ivys Adsorbation Helium Gas Purification System Production (Units), Price (K USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 101. Ivys Adsorbation Recent Developments/Updates
- Table 102. Ivys Adsorbation Competitive Strengths & Weaknesses
- Table 103. Guangzhou Guanggang Gases & Energy Basic Information, Manufacturing Base and Competitors
- Table 104. Guangzhou Guanggang Gases & Energy Major Business
- Table 105. Guangzhou Guanggang Gases & Energy Helium Gas Purification System Product and Services
- Table 106. Guangzhou Guanggang Gases & Energy Helium Gas Purification System Production (Units), Price (K USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 107. Guangzhou Guanggang Gases & Energy Recent Developments/Updates
- Table 108. Guangzhou Guanggang Gases & Energy Competitive Strengths & Weaknesses
- Table 109. Cryomech (Bluefors) Basic Information, Manufacturing Base and Competitors
- Table 110. Cryomech (Bluefors) Major Business
- Table 111. Cryomech (Bluefors) Helium Gas Purification System Product and Services
- Table 112. Cryomech (Bluefors) Helium Gas Purification System Production (Units), Price (K USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)
- Table 113. Cryomech (Bluefors) Recent Developments/Updates
- Table 114. Cryomech (Bluefors) Competitive Strengths & Weaknesses
- Table 115. Sysadvance Basic Information, Manufacturing Base and Competitors
- Table 116. Sysadvance Major Business

Table 117. Sysadvance Helium Gas Purification System Product and Services

Table 118. Sysadvance Helium Gas Purification System Production (Units), Price (K USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 119. Sysadvance Recent Developments/Updates

Table 120. Sysadvance Competitive Strengths & Weaknesses

Table 121. Bhuruka Gases Ltd Basic Information, Manufacturing Base and Competitors

Table 122. Bhuruka Gases Ltd Major Business

Table 123. Bhuruka Gases Ltd Helium Gas Purification System Product and Services

Table 124. Bhuruka Gases Ltd Helium Gas Purification System Production (Units), Price (K USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 125. Bhuruka Gases Ltd Recent Developments/Updates

Table 126. Quantum Design Basic Information, Manufacturing Base and Competitors

Table 127. Quantum Design Major Business

Table 128. Quantum Design Helium Gas Purification System Product and Services

Table 129. Quantum Design Helium Gas Purification System Production (Units), Price (K USD/Unit), Production Value (USD Million), Gross Margin and Market Share (2018-2023)

Table 130. Global Key Players of Helium Gas Purification System Upstream (Raw Materials)

Table 131. Helium Gas Purification System Typical Customers

Table 132. Helium Gas Purification System Typical Distributors

## **LIST OF FIGURE**

Figure 1. Helium Gas Purification System Picture

Figure 2. World Helium Gas Purification System Production Value: 2018 & 2022 & 2029, (USD Million)

Figure 3. World Helium Gas Purification System Production Value and Forecast (2018-2029) & (USD Million)

Figure 4. World Helium Gas Purification System Production (2018-2029) & (Units)

Figure 5. World Helium Gas Purification System Average Price (2018-2029) & (K USD/Unit)

Figure 6. World Helium Gas Purification System Production Value Market Share by Region (2018-2029)

Figure 7. World Helium Gas Purification System Production Market Share by Region (2018-2029)

Figure 8. North America Helium Gas Purification System Production (2018-2029) &

(Units)

Figure 9. Europe Helium Gas Purification System Production (2018-2029) & (Units)

Figure 10. China Helium Gas Purification System Production (2018-2029) & (Units)

Figure 11. Japan Helium Gas Purification System Production (2018-2029) & (Units)

Figure 12. Helium Gas Purification System Market Drivers

Figure 13. Factors Affecting Demand

Figure 14. World Helium Gas Purification System Consumption (2018-2029) & (Units)

Figure 15. World Helium Gas Purification System Consumption Market Share by Region (2018-2029)

Figure 16. United States Helium Gas Purification System Consumption (2018-2029) & (Units)

Figure 17. China Helium Gas Purification System Consumption (2018-2029) & (Units)

Figure 18. Europe Helium Gas Purification System Consumption (2018-2029) & (Units)

Figure 19. Japan Helium Gas Purification System Consumption (2018-2029) & (Units)

Figure 20. South Korea Helium Gas Purification System Consumption (2018-2029) & (Units)

Figure 21. ASEAN Helium Gas Purification System Consumption (2018-2029) & (Units)

Figure 22. India Helium Gas Purification System Consumption (2018-2029) & (Units)

Figure 23. Producer Shipments of Helium Gas Purification System by Manufacturer Revenue (\$MM) and Market Share (%): 2022

Figure 24. Global Four-firm Concentration Ratios (CR4) for Helium Gas Purification System Markets in 2022

Figure 25. Global Four-firm Concentration Ratios (CR8) for Helium Gas Purification System Markets in 2022

Figure 26. United States VS China: Helium Gas Purification System Production Value Market Share Comparison (2018 & 2022 & 2029)

Figure 27. United States VS China: Helium Gas Purification System Production Market Share Comparison (2018 & 2022 & 2029)

Figure 28. United States VS China: Helium Gas Purification System Consumption Market Share Comparison (2018 & 2022 & 2029)

Figure 29. United States Based Manufacturers Helium Gas Purification System Production Market Share 2022

Figure 30. China Based Manufacturers Helium Gas Purification System Production Market Share 2022

Figure 31. Rest of World Based Manufacturers Helium Gas Purification System Production Market Share 2022

Figure 32. World Helium Gas Purification System Production Value by Type, (USD Million), 2018 & 2022 & 2029

Figure 33. World Helium Gas Purification System Production Value Market Share by

Type in 2022

Figure 34. Cryogenic Distillation

Figure 35. Pressure Swing Adsorption (PSA)

Figure 36. Membrane Separation

Figure 37. World Helium Gas Purification System Production Market Share by Type (2018-2029)

Figure 38. World Helium Gas Purification System Production Value Market Share by Type (2018-2029)

Figure 39. World Helium Gas Purification System Average Price by Type (2018-2029) & (K USD/Unit)

Figure 40. World Helium Gas Purification System Production Value by Application, (USD Million), 2018 & 2022 & 2029

Figure 41. World Helium Gas Purification System Production Value Market Share by Application in 2022

Figure 42. Medical

Figure 43. Semiconductor

Figure 44. Aerospace

Figure 45. Others

Figure 46. World Helium Gas Purification System Production Market Share by Application (2018-2029)

Figure 47. World Helium Gas Purification System Production Value Market Share by Application (2018-2029)

Figure 48. World Helium Gas Purification System Average Price by Application (2018-2029) & (K USD/Unit)

Figure 49. Helium Gas Purification System Industry Chain

Figure 50. Helium Gas Purification System Procurement Model

Figure 51. Helium Gas Purification System Sales Model

Figure 52. Helium Gas Purification System Sales Channels, Direct Sales, and Distribution

Figure 53. Methodology

Figure 54. Research Process and Data Source

## I would like to order

Product name: Global Helium Gas Purification System Supply, Demand and Key Producers, 2023-2029

Product link: <https://marketpublishers.com/r/GB4A34C20BA2EN.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](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/GB4A34C20BA2EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below and fax the completed form to +44 20 7900 3970