

Global Helium Recovery and Purification Supply, Demand and Key Producers, 2026-2032

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Abstracts

The global Helium Recovery and Purification market size is expected to reach \$ 1190 million by 2032, rising at a market growth of 6.0% CAGR during the forecast period (2026-2032).

Helium Recovery and Purification refers to a gas treatment system that collects helium-containing exhaust gas from industrial, medical, scientific, or cryogenic processes and purifies it for reuse or resale. The system typically includes gas collection, compression, impurity removal, drying, membrane separation, pressure swing adsorption, cryogenic purification, or catalytic purification units. It is widely used in semiconductor manufacturing, MRI systems, superconducting magnets, fiber optics, leak detection, aerospace, and research laboratories, helping users reduce helium consumption, lower operating costs, and improve supply security. In 2025, global Helium Recovery and Purification production reached approximately 6986 units with an average global market price of around 109.2 k USD/unit. The production capacity for Helium Recovery and Purification in 2025 was approximately 8000 units. The typical gross profit margin for Helium Recovery and Purification is between 20% and 40%.

The Helium Recovery and Purification market is expanding as helium supply remains tight and demand grows from semiconductors, medical imaging, superconducting applications, aerospace, and advanced research. Because helium is a scarce and non-renewable gas with limited global production sources, end users are increasingly adopting recovery and purification systems to reduce dependency on fresh helium supply. Market growth is driven by high helium prices, supply chain uncertainty, stricter gas management requirements, and rising demand for high-purity helium in semiconductor and cryogenic applications.

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

This report is a detailed and comprehensive analysis of the world market for Helium Recovery and Purification 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 Helium Recovery and Purification that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Helium Recovery and Purification total production and demand, 2021-2032, (Units)

Global Helium Recovery and Purification total production value, 2021-2032, (USD Million)

Global Helium Recovery and Purification production by region & country, production, value, CAGR, 2021-2032, (USD Million) & (Units), (based on production site)

Global Helium Recovery and Purification consumption by region & country, CAGR, 2021-2032 & (Units)

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

Global Helium Recovery and Purification production by manufacturer, production, price, value and market share 2021-2026, (USD Million) & (Units)

Global Helium Recovery and Purification production by Type, production, value, CAGR, 2021-2032, (USD Million) & (Units)

Global Helium Recovery and Purification production by Application, production, value, CAGR, 2021-2032, (USD Million) & (Units)

This report profiles key players in the global Helium Recovery and Purification 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 Sumitomo Seika, Air Liquide, Air Products, UBE Corporation, Evonik, Linde Engineering, Sysadvance, Grasys, Airrane, Generon IGS, 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 Recovery and Purification market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (K 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 Helium Recovery and Purification Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Helium Recovery and Purification Market, Segmentation by Type:

Cryogenic Cooling

Pressure Swing Adsorption (PSA)

Membrane Separation

Global Helium Recovery and Purification Market, Segmentation by Helium Source:

Natural Gas

LNG Tail Gas

Industrial Tail Gas

Others

Global Helium Recovery and Purification Market, Segmentation by Purity:

95%–99.9%

99.999%

>99.999%

Global Helium Recovery and Purification Market, Segmentation by Application:

Oil and Gas

Industrial Manufacturing

Semiconductors

Healthcare

Other

Companies Profiled:

Sumitomo Seika

Air Liquide

Air Products

UBE Corporation

Evonik

Linde Engineering

Sysadvance

Grasys

Airrane

Generon IGS

IVYS Adsorption

Chart Industries

Tianbang

Key Questions Answered:

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

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