

# Global CO2 Separation Membrane Module Market Growth 2024-2030

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## Abstracts

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CO2 Separation Membrane Module is a device designed to selectively separate carbon dioxide from gas mixtures using specialized membranes. These modules are essential for applications like carbon capture and storage, biogas upgrading, and natural gas processing. They offer advantages such as energy efficiency, operational simplicity, and scalability.

The global CO2 Separation Membrane Module market size is projected to grow from US\$ million in 2024 to US\$ million in 2030; it is expected to grow at a CAGR of % from 2024 to 2030.

LP Information, Inc. (LPI) ' newest research report, the "CO2 Separation Membrane Module Industry Forecast" looks at past sales and reviews total world CO2 Separation Membrane Module sales in 2023, providing a comprehensive analysis by region and market sector of projected CO2 Separation Membrane Module sales for 2024 through 2030. With CO2 Separation Membrane Module sales broken down by region, market sector and sub-sector, this report provides a detailed analysis in US\$ millions of the world CO2 Separation Membrane Module industry.

This Insight Report provides a comprehensive analysis of the global CO2 Separation Membrane Module 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 CO2 Separation Membrane Module portfolios and capabilities, market entry strategies, market positions, and geographic footprints, to better understand these

firms' unique position in an accelerating global CO2 Separation Membrane Module market.

This Insight Report evaluates the key market trends, drivers, and affecting factors shaping the global outlook for CO2 Separation Membrane Module 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 CO2 Separation Membrane Module.

United States market for CO2 Separation Membrane Module is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

China market for CO2 Separation Membrane Module is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Europe market for CO2 Separation Membrane Module is estimated to increase from US\$ million in 2023 to US\$ million by 2030, at a CAGR of % from 2024 through 2030.

Global key CO2 Separation Membrane Module players cover Air Liquide USA, UBE Corporation, Evonik, TORAY INDUSTRIES, INC., Air Products Membrane Solutions, etc. In terms of revenue, the global two largest companies occupied for a share nearly % in 2023.

This report presents a comprehensive overview, market shares, and growth opportunities of CO2 Separation Membrane Module market by product type, application, key manufacturers and key regions and countries.

Segmentation by Type:

Polymeric Membrane

Mixed Matrix Membranes (MMMs)

Inorganic Membranes

Others

Segmentation by Application:

Oil and Gas

Power Generation

Biogas and Renewable Energy

Greenhouse Gas Emissions Reduction

Others

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.

Air Liquide USA

UBE Corporation

Evonik

TORAY INDUSTRIES, INC.

Air Products Membrane Solutions

Fujifilm

GENERON

DIC Corporation

PermSelect

BORSIG GmbH

### Key Questions Addressed in this Report

What is the 10-year outlook for the global CO<sub>2</sub> Separation Membrane Module market?

What factors are driving CO<sub>2</sub> Separation Membrane Module market growth, globally and by region?

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

How do CO<sub>2</sub> Separation Membrane Module market opportunities vary by end market size?

How does CO<sub>2</sub> Separation Membrane Module break out by Type, by Application?

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