

Global CO2 Separation Membrane Module Market Research Report 2025(Status and Outlook)

<https://marketpublishers.com/r/CC4A21F4BB3AEN.html>

Date: May 2025

Pages: 171

Price: US\$ 3,200.00 (Single User License)

ID: CC4A21F4BB3AEN

Abstracts

Report Overview

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.

This report provides a deep insight into the global CO2 Separation Membrane Module market covering all its essential aspects. This ranges from a macro overview of the market to micro details of the market size, competitive landscape, development trend, niche market, key market drivers and challenges, SWOT analysis, value chain analysis, etc.

The analysis helps the reader to shape the competition within the industries and strategies for the competitive environment to enhance the potential profit. Furthermore, it provides a simple framework for evaluating and accessing the position of the business organization. The report structure also focuses on the competitive landscape of the Global CO2 Separation Membrane Module Market, this report introduces in detail the market share, market performance, product situation, operation situation, etc. of the main players, which helps the readers in the industry to identify the main competitors and deeply understand the competition pattern of the market.

In a word, this report is a must-read for industry players, investors, researchers, consultants, business strategists, and all those who have any kind of stake or are planning to foray into the CO2 Separation Membrane Module market in any manner.

Global CO2 Separation Membrane Module Market: Market Segmentation Analysis

The research report includes specific segments by region (country), manufacturers, Type, and Application. Market segmentation creates subsets of a market based on product type, end-user or application, Geographic, and other factors. By understanding the market segments, the decision-maker can leverage this targeting in the product, sales, and marketing strategies. Market segments can power your product development cycles by informing how you create product offerings for different segments.

Key Company

Air Liquide USA
UBE Corporation
Evonik
TORAY INDUSTRIES
INC.
Air Products Membrane Solutions
Fujifilm
GENERON
DIC Corporation
PermSelect
BORSIG GmbH

Market Segmentation (by Type)

Polymeric Membrane
Mixed Matrix Membranes (MMMs)
Inorganic Membranes
Others

Market Segmentation (by Application)

Oil and Gas
Power Generation
Biogas and Renewable Energy
Greenhouse Gas Emissions Reduction
Others

Geographic Segmentation

North America (USA, Canada, Mexico)
Europe (Germany, UK, France, Russia, Italy, Rest of Europe)

Asia-Pacific (China, Japan, South Korea, India, Southeast Asia, Rest of Asia-Pacific)
South America (Brazil, Argentina, Columbia, Rest of South America)
The Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria, South Africa, Rest of MEA)

Key Benefits of This Market Research:

Industry drivers, restraints, and opportunities covered in the study
Neutral perspective on the market performance
Recent industry trends and developments
Competitive landscape & strategies of key players
Potential & niche segments and regions exhibiting promising growth covered
Historical, current, and projected market size, in terms of value
In-depth analysis of the CO₂ Separation Membrane Module Market
Overview of the regional outlook of the CO₂ Separation Membrane Module Market:

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Chapter Outline

Chapter 1 mainly introduces the statistical scope of the report, market division standards, and market research methods.

Chapter 2 is an executive summary of different market segments (by region, product type, application, etc), including the market size of each market segment, future development potential, and so on. It offers a high-level view of the current state of the CO₂ Separation Membrane Module Market and its likely evolution in the short to mid-term, and long term.

Chapter 3 makes a detailed analysis of the market's competitive landscape of the market and provides the market share, capacity, output, price, latest development plan, merger, and acquisition information of the main manufacturers in the market.

Chapter 4 is the analysis of the whole market industrial chain, including the upstream and downstream of the industry, as well as Porter's five forces analysis.

Chapter 5 introduces the latest developments of the market, the driving factors and restrictive factors of the market, the challenges and risks faced by manufacturers in the industry, and the analysis of relevant policies in the industry.

Chapter 6 provides the analysis of various market segments according to product types, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different market segments.

Chapter 7 provides the analysis of various market segments according to application, covering the market size and development potential of each market segment, to help readers find the blue ocean market in different downstream markets.

Chapter 8 provides a quantitative analysis of the market size and development potential of each region and its main countries and introduces the market development, future development prospects, market space, and capacity of each country in the world.

Chapter 9 shares the main producing countries of CO₂ Separation Membrane Module, their output value, profit level, regional supply, production capacity layout, etc. from the supply side.

Chapter 10 introduces the basic situation of the main companies in the market in detail, including product sales revenue, sales volume, price, gross profit margin, market share, product introduction, recent development, etc.

Chapter 11 provides a quantitative analysis of the market size and development potential of each region in the next five years.

Chapter 12 provides a quantitative analysis of the market size and development potential of each market segment in the next five years.

Chapter 13 is the main points and conclusions of the report.

Key Reasons to Buy this Report:

Access to date statistics compiled by our researchers. These provide you with historical and forecast data, which is analyzed to tell you why your market is set to change

This enables you to anticipate market changes to remain ahead of your competitors

You will be able to copy data from the Excel spreadsheet straight into your marketing plans, business presentations, or other strategic documents

The concise analysis, clear graph, and table format will enable you to pinpoint the information you require quickly

Provision of market value data for each segment and sub-segment

Indicates the region and segment that is expected to witness the fastest growth as well as to dominate the market

Analysis by geography highlighting the consumption of the product/service in the region as well as indicating the factors that are affecting the market within each region

Competitive landscape which incorporates the market ranking of the major players, along with new service/product launches, partnerships, business expansions, and acquisitions in the past five years of companies profiled

Extensive company profiles comprising of company overview, company insights, product benchmarking, and SWOT analysis for the major market players

The current as well as the future market outlook of the industry concerning recent developments which involve growth opportunities and drivers as well as challenges and restraints of both emerging as well as developed regions

Includes in-depth analysis of the market from various perspectives through Porter's five forces analysis

Provides insight into the market through Value Chain

Market dynamics scenario, along with growth opportunities of the market in the years to come

6-month post-sales analyst support

Customization of the Report

In case of any queries or customization requirements, please connect with our sales team, who will ensure that your requirements are met.

Contents

1 RESEARCH METHODOLOGY AND STATISTICAL SCOPE

- 1.1 Market Definition and Statistical Scope of CO₂ Separation Membrane Module
- 1.2 Key Market Segments
 - 1.2.1 CO₂ Separation Membrane Module Segment by Type
 - 1.2.2 CO₂ Separation Membrane Module Segment by Application
- 1.3 Methodology & Sources of Information
 - 1.3.1 Research Methodology
 - 1.3.2 Research Process
 - 1.3.3 Market Breakdown and Data Triangulation
 - 1.3.4 Base Year
 - 1.3.5 Report Assumptions & Caveats

2 CO₂ SEPARATION MEMBRANE MODULE MARKET OVERVIEW

- 2.1 Global Market Overview
 - 2.1.1 Global CO₂ Separation Membrane Module Market Size (M USD) Estimates and Forecasts (2020-2033)
 - 2.1.2 Global CO₂ Separation Membrane Module Sales Estimates and Forecasts (2020-2033)
- 2.2 Market Segment Executive Summary
- 2.3 Global Market Size by Region

3 CO₂ SEPARATION MEMBRANE MODULE MARKET COMPETITIVE LANDSCAPE

- 3.1 Company Assessment Quadrant
- 3.2 Global CO₂ Separation Membrane Module Product Life Cycle
- 3.3 Global CO₂ Separation Membrane Module Sales by Manufacturers (2020-2025)
- 3.4 Global CO₂ Separation Membrane Module Revenue Market Share by Manufacturers (2020-2025)
- 3.5 CO₂ Separation Membrane Module Market Share by Company Type (Tier 1, Tier 2, and Tier 3)
- 3.6 Global CO₂ Separation Membrane Module Average Price by Manufacturers (2020-2025)
- 3.7 Manufacturers? Manufacturing Sites, Areas Served, and Product Types
- 3.8 CO₂ Separation Membrane Module Market Competitive Situation and Trends
 - 3.8.1 CO₂ Separation Membrane Module Market Concentration Rate

3.8.2 Global 5 and 10 Largest CO₂ Separation Membrane Module Players Market Share by Revenue

3.8.3 Mergers & Acquisitions, Expansion

4 CO₂ SEPARATION MEMBRANE MODULE INDUSTRY CHAIN ANALYSIS

4.1 CO₂ Separation Membrane Module Industry Chain Analysis

4.2 Market Overview of Key Raw Materials

4.3 Midstream Market Analysis

4.4 Downstream Customer Analysis

5 THE DEVELOPMENT AND DYNAMICS OF CO₂ SEPARATION MEMBRANE MODULE MARKET

5.1 Key Development Trends

5.2 Driving Factors

5.3 Market Challenges

5.4 Industry News

5.4.1 New Product Developments

5.4.2 Mergers & Acquisitions

5.4.3 Expansions

5.4.4 Collaboration/Supply Contracts

5.5 PEST Analysis

5.5.1 Industry Policies Analysis

5.5.2 Economic Environment Analysis

5.5.3 Social Environment Analysis

5.5.4 Technological Environment Analysis

5.6 Global CO₂ Separation Membrane Module Market Porter's Five Forces Analysis

5.6.1 Global Trade Frictions

5.6.2 U.S. Tariff Policy ? April 2025

5.6.3 Global Trade Frictions and Their Impacts to CO₂ Separation Membrane Module Market

5.7 ESG Ratings of Leading Companies

6 CO₂ SEPARATION MEMBRANE MODULE MARKET SEGMENTATION BY TYPE

6.1 Evaluation Matrix of Segment Market Development Potential (Type)

6.2 Global CO₂ Separation Membrane Module Sales Market Share by Type (2020-2025)

6.3 Global CO2 Separation Membrane Module Market Size Market Share by Type (2020-2025)

6.4 Global CO2 Separation Membrane Module Price by Type (2020-2025)

7 CO2 SEPARATION MEMBRANE MODULE MARKET SEGMENTATION BY APPLICATION

7.1 Evaluation Matrix of Segment Market Development Potential (Application)

7.2 Global CO2 Separation Membrane Module Market Sales by Application (2020-2025)

7.3 Global CO2 Separation Membrane Module Market Size (M USD) by Application (2020-2025)

7.4 Global CO2 Separation Membrane Module Sales Growth Rate by Application (2020-2025)

8 CO2 SEPARATION MEMBRANE MODULE MARKET SALES BY REGION

8.1 Global CO2 Separation Membrane Module Sales by Region

8.1.1 Global CO2 Separation Membrane Module Sales by Region

8.1.2 Global CO2 Separation Membrane Module Sales Market Share by Region

8.2 Global CO2 Separation Membrane Module Market Size by Region

8.2.1 Global CO2 Separation Membrane Module Market Size by Region

8.2.2 Global CO2 Separation Membrane Module Market Size Market Share by Region

8.3 North America

8.3.1 North America CO2 Separation Membrane Module Sales by Country

8.3.2 North America CO2 Separation Membrane Module Market Size by Country

8.3.3 U.S. Market Overview

8.3.4 Canada Market Overview

8.3.5 Mexico Market Overview

8.4 Europe

8.4.1 Europe CO2 Separation Membrane Module Sales by Country

8.4.2 Europe CO2 Separation Membrane Module Market Size by Country

8.4.3 Germany Market Overview

8.4.4 France Market Overview

8.4.5 U.K. Market Overview

8.4.6 Italy Market Overview

8.4.7 Spain Market Overview

8.5 Asia Pacific

8.5.1 Asia Pacific CO2 Separation Membrane Module Sales by Region

8.5.2 Asia Pacific CO2 Separation Membrane Module Market Size by Region

- 8.5.3 China Market Overview
- 8.5.4 Japan Market Overview
- 8.5.5 South Korea Market Overview
- 8.5.6 India Market Overview
- 8.5.7 Southeast Asia Market Overview
- 8.6 South America
 - 8.6.1 South America CO2 Separation Membrane Module Sales by Country
 - 8.6.2 South America CO2 Separation Membrane Module Market Size by Country
 - 8.6.3 Brazil Market Overview
 - 8.6.4 Argentina Market Overview
 - 8.6.5 Columbia Market Overview
- 8.7 Middle East and Africa
 - 8.7.1 Middle East and Africa CO2 Separation Membrane Module Sales by Region
 - 8.7.2 Middle East and Africa CO2 Separation Membrane Module Market Size by Region
 - 8.7.3 Saudi Arabia Market Overview
 - 8.7.4 UAE Market Overview
 - 8.7.5 Egypt Market Overview
 - 8.7.6 Nigeria Market Overview
 - 8.7.7 South Africa Market Overview

9 CO2 SEPARATION MEMBRANE MODULE MARKET PRODUCTION BY REGION

- 9.1 Global Production of CO2 Separation Membrane Module by Region(2020-2025)
- 9.2 Global CO2 Separation Membrane Module Revenue Market Share by Region (2020-2025)
- 9.3 Global CO2 Separation Membrane Module Production, Revenue, Price and Gross Margin (2020-2025)
- 9.4 North America CO2 Separation Membrane Module Production
 - 9.4.1 North America CO2 Separation Membrane Module Production Growth Rate (2020-2025)
 - 9.4.2 North America CO2 Separation Membrane Module Production, Revenue, Price and Gross Margin (2020-2025)
- 9.5 Europe CO2 Separation Membrane Module Production
 - 9.5.1 Europe CO2 Separation Membrane Module Production Growth Rate (2020-2025)
 - 9.5.2 Europe CO2 Separation Membrane Module Production, Revenue, Price and Gross Margin (2020-2025)
- 9.6 Japan CO2 Separation Membrane Module Production (2020-2025)

- 9.6.1 Japan CO2 Separation Membrane Module Production Growth Rate (2020-2025)
- 9.6.2 Japan CO2 Separation Membrane Module Production, Revenue, Price and Gross Margin (2020-2025)
- 9.7 China CO2 Separation Membrane Module Production (2020-2025)
 - 9.7.1 China CO2 Separation Membrane Module Production Growth Rate (2020-2025)
 - 9.7.2 China CO2 Separation Membrane Module Production, Revenue, Price and Gross Margin (2020-2025)

10 KEY COMPANIES PROFILE

10.1 Air Liquide USA

- 10.1.1 Air Liquide USA Basic Information
- 10.1.2 Air Liquide USA CO2 Separation Membrane Module Product Overview
- 10.1.3 Air Liquide USA CO2 Separation Membrane Module Product Market Performance
- 10.1.4 Air Liquide USA Business Overview
- 10.1.5 Air Liquide USA SWOT Analysis
- 10.1.6 Air Liquide USA Recent Developments

10.2 UBE Corporation

- 10.2.1 UBE Corporation Basic Information
- 10.2.2 UBE Corporation CO2 Separation Membrane Module Product Overview
- 10.2.3 UBE Corporation CO2 Separation Membrane Module Product Market Performance
- 10.2.4 UBE Corporation Business Overview
- 10.2.5 UBE Corporation SWOT Analysis
- 10.2.6 UBE Corporation Recent Developments

10.3 Evonik

- 10.3.1 Evonik Basic Information
- 10.3.2 Evonik CO2 Separation Membrane Module Product Overview
- 10.3.3 Evonik CO2 Separation Membrane Module Product Market Performance
- 10.3.4 Evonik Business Overview
- 10.3.5 Evonik SWOT Analysis
- 10.3.6 Evonik Recent Developments

10.4 TORAY INDUSTRIES

- 10.4.1 TORAY INDUSTRIES Basic Information
- 10.4.2 TORAY INDUSTRIES CO2 Separation Membrane Module Product Overview
- 10.4.3 TORAY INDUSTRIES CO2 Separation Membrane Module Product Market Performance
- 10.4.4 TORAY INDUSTRIES Business Overview

- 10.4.5 TORAY INDUSTRIES Recent Developments
- 10.5 INC.
 - 10.5.1 INC. Basic Information
 - 10.5.2 INC. CO2 Separation Membrane Module Product Overview
 - 10.5.3 INC. CO2 Separation Membrane Module Product Market Performance
 - 10.5.4 INC. Business Overview
 - 10.5.5 INC. Recent Developments
- 10.6 Air Products Membrane Solutions
 - 10.6.1 Air Products Membrane Solutions Basic Information
 - 10.6.2 Air Products Membrane Solutions CO2 Separation Membrane Module Product Overview
 - 10.6.3 Air Products Membrane Solutions CO2 Separation Membrane Module Product Market Performance
 - 10.6.4 Air Products Membrane Solutions Business Overview
 - 10.6.5 Air Products Membrane Solutions Recent Developments
- 10.7 Fujifilm
 - 10.7.1 Fujifilm Basic Information
 - 10.7.2 Fujifilm CO2 Separation Membrane Module Product Overview
 - 10.7.3 Fujifilm CO2 Separation Membrane Module Product Market Performance
 - 10.7.4 Fujifilm Business Overview
 - 10.7.5 Fujifilm Recent Developments
- 10.8 GENERON
 - 10.8.1 GENERON Basic Information
 - 10.8.2 GENERON CO2 Separation Membrane Module Product Overview
 - 10.8.3 GENERON CO2 Separation Membrane Module Product Market Performance
 - 10.8.4 GENERON Business Overview
 - 10.8.5 GENERON Recent Developments
- 10.9 DIC Corporation
 - 10.9.1 DIC Corporation Basic Information
 - 10.9.2 DIC Corporation CO2 Separation Membrane Module Product Overview
 - 10.9.3 DIC Corporation CO2 Separation Membrane Module Product Market Performance
 - 10.9.4 DIC Corporation Business Overview
 - 10.9.5 DIC Corporation Recent Developments
- 10.10 PermSelect
 - 10.10.1 PermSelect Basic Information
 - 10.10.2 PermSelect CO2 Separation Membrane Module Product Overview
 - 10.10.3 PermSelect CO2 Separation Membrane Module Product Market Performance
 - 10.10.4 PermSelect Business Overview

- 10.10.5 PermSelect Recent Developments
- 10.11 BORSIG GmbH
 - 10.11.1 BORSIG GmbH Basic Information
 - 10.11.2 BORSIG GmbH CO2 Separation Membrane Module Product Overview
 - 10.11.3 BORSIG GmbH CO2 Separation Membrane Module Product Market Performance
 - 10.11.4 BORSIG GmbH Business Overview
 - 10.11.5 BORSIG GmbH Recent Developments

11 CO2 SEPARATION MEMBRANE MODULE MARKET FORECAST BY REGION

- 11.1 Global CO2 Separation Membrane Module Market Size Forecast
- 11.2 Global CO2 Separation Membrane Module Market Forecast by Region
 - 11.2.1 North America Market Size Forecast by Country
 - 11.2.2 Europe CO2 Separation Membrane Module Market Size Forecast by Country
 - 11.2.3 Asia Pacific CO2 Separation Membrane Module Market Size Forecast by Region
 - 11.2.4 South America CO2 Separation Membrane Module Market Size Forecast by Country
 - 11.2.5 Middle East and Africa Forecasted Sales of CO2 Separation Membrane Module by Country

12 FORECAST MARKET BY TYPE AND BY APPLICATION (2026-2033)

- 12.1 Global CO2 Separation Membrane Module Market Forecast by Type (2026-2033)
 - 12.1.1 Global Forecasted Sales of CO2 Separation Membrane Module by Type (2026-2033)
 - 12.1.2 Global CO2 Separation Membrane Module Market Size Forecast by Type (2026-2033)
 - 12.1.3 Global Forecasted Price of CO2 Separation Membrane Module by Type (2026-2033)
- 12.2 Global CO2 Separation Membrane Module Market Forecast by Application (2026-2033)
 - 12.2.1 Global CO2 Separation Membrane Module Sales (K Units) Forecast by Application
 - 12.2.2 Global CO2 Separation Membrane Module Market Size (M USD) Forecast by Application (2026-2033)

13 CONCLUSION AND KEY FINDINGS

List Of Tables

LIST OF TABLES

Table 1. Introduction of the Type

Table 2. Introduction of the Application

Table 3. Market Size (M USD) Segment Executive Summary

Table 4. CO2 Separation Membrane Module Market Size Comparison by Region (M USD)

Table 5. Global CO2 Separation Membrane Module Sales (K Units) by Manufacturers (2020-2025)

Table 6. Global CO2 Separation Membrane Module Sales Market Share by Manufacturers (2020-2025)

Table 7. Global CO2 Separation Membrane Module Revenue (M USD) by Manufacturers (2020-2025)

Table 8. Global CO2 Separation Membrane Module Revenue Share by Manufacturers (2020-2025)

Table 9. Company Type (Tier 1, Tier 2, and Tier 3) & (based on the Revenue in CO2 Separation Membrane Module as of 2024)

Table 10. Global Market CO2 Separation Membrane Module Average Price (USD/Unit) of Key Manufacturers (2020-2025)

Table 11. Manufacturers? Manufacturing Sites, Areas Served

Table 12. Manufacturers? Product Type

Table 13. Global CO2 Separation Membrane Module Manufacturers Market Concentration Ratio (CR5 and HHI)

Table 14. Mergers & Acquisitions, Expansion Plans

Table 15. Market Overview of Key Raw Materials

Table 16. Midstream Market Analysis

Table 17. Downstream Customer Analysis

Table 18. Key Development Trends

Table 19. Driving Factors

Table 20. CO2 Separation Membrane Module Market Challenges

Table 21. Goldman Sachs' forecast real GDP growth rate for 2024-2026

Table 22. S&P Global ' Forecast Real GDP Growth Rate For 2024-2027

Table 23. World Bank ' Forecast Real GDP Growth Rate For 2024-2026

Table 24. The Tariff Rates Imposed by the United States on Major Commodity Trading Countries

Table 25. Global CO2 Separation Membrane Module Sales by Type (K Units)

Table 26. Global CO2 Separation Membrane Module Market Size by Type (M USD)

- Table 27. Global CO2 Separation Membrane Module Sales (K Units) by Type (2020-2025)
- Table 28. Global CO2 Separation Membrane Module Sales Market Share by Type (2020-2025)
- Table 29. Global CO2 Separation Membrane Module Market Size (M USD) by Type (2020-2025)
- Table 30. Global CO2 Separation Membrane Module Market Size Share by Type (2020-2025)
- Table 31. Global CO2 Separation Membrane Module Price (USD/Unit) by Type (2020-2025)
- Table 32. Global CO2 Separation Membrane Module Sales (K Units) by Application
- Table 33. Global CO2 Separation Membrane Module Market Size by Application
- Table 34. Global CO2 Separation Membrane Module Sales by Application (2020-2025) & (K Units)
- Table 35. Global CO2 Separation Membrane Module Sales Market Share by Application (2020-2025)
- Table 36. Global CO2 Separation Membrane Module Market Size by Application (2020-2025) & (M USD)
- Table 37. Global CO2 Separation Membrane Module Market Share by Application (2020-2025)
- Table 38. Global CO2 Separation Membrane Module Sales Growth Rate by Application (2020-2025)
- Table 39. Global CO2 Separation Membrane Module Sales by Region (2020-2025) & (K Units)
- Table 40. Global CO2 Separation Membrane Module Sales Market Share by Region (2020-2025)
- Table 41. Global CO2 Separation Membrane Module Market Size by Region (2020-2025) & (M USD)
- Table 42. Global CO2 Separation Membrane Module Market Size Market Share by Region (2020-2025)
- Table 43. North America CO2 Separation Membrane Module Sales by Country (2020-2025) & (K Units)
- Table 44. North America CO2 Separation Membrane Module Market Size by Country (2020-2025) & (M USD)
- Table 45. Europe CO2 Separation Membrane Module Sales by Country (2020-2025) & (K Units)
- Table 46. Europe CO2 Separation Membrane Module Market Size by Country (2020-2025) & (M USD)
- Table 47. Asia Pacific CO2 Separation Membrane Module Sales by Region (2020-2025)

& (K Units)

Table 48. Asia Pacific CO2 Separation Membrane Module Market Size by Region (2020-2025) & (M USD)

Table 49. South America CO2 Separation Membrane Module Sales by Country (2020-2025) & (K Units)

Table 50. South America CO2 Separation Membrane Module Market Size by Country (2020-2025) & (M USD)

Table 51. Middle East and Africa CO2 Separation Membrane Module Sales by Region (2020-2025) & (K Units)

Table 52. Middle East and Africa CO2 Separation Membrane Module Market Size by Region (2020-2025) & (M USD)

Table 53. Global CO2 Separation Membrane Module Production (K Units) by Region(2020-2025)

Table 54. Global CO2 Separation Membrane Module Revenue (US\$ Million) by Region (2020-2025)

Table 55. Global CO2 Separation Membrane Module Revenue Market Share by Region (2020-2025)

Table 56. Global CO2 Separation Membrane Module Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 57. North America CO2 Separation Membrane Module Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 58. Europe CO2 Separation Membrane Module Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 59. Japan CO2 Separation Membrane Module Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 60. China CO2 Separation Membrane Module Production (K Units), Revenue (US\$ Million), Price (USD/Unit) and Gross Margin (2020-2025)

Table 61. Air Liquide USA Basic Information

Table 62. Air Liquide USA CO2 Separation Membrane Module Product Overview

Table 63. Air Liquide USA CO2 Separation Membrane Module Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 64. Air Liquide USA Business Overview

Table 65. Air Liquide USA SWOT Analysis

Table 66. Air Liquide USA Recent Developments

Table 67. UBE Corporation Basic Information

Table 68. UBE Corporation CO2 Separation Membrane Module Product Overview

Table 69. UBE Corporation CO2 Separation Membrane Module Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 70. UBE Corporation Business Overview

Table 71. UBE Corporation SWOT Analysis

Table 72. UBE Corporation Recent Developments

Table 73. Evonik Basic Information

Table 74. Evonik CO2 Separation Membrane Module Product Overview

Table 75. Evonik CO2 Separation Membrane Module Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 76. Evonik Business Overview

Table 77. Evonik SWOT Analysis

Table 78. Evonik Recent Developments

Table 79. TORAY INDUSTRIES Basic Information

Table 80. TORAY INDUSTRIES CO2 Separation Membrane Module Product Overview

Table 81. TORAY INDUSTRIES CO2 Separation Membrane Module Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 82. TORAY INDUSTRIES Business Overview

Table 83. TORAY INDUSTRIES Recent Developments

Table 84. INC. Basic Information

Table 85. INC. CO2 Separation Membrane Module Product Overview

Table 86. INC. CO2 Separation Membrane Module Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 87. INC. Business Overview

Table 88. INC. Recent Developments

Table 89. Air Products Membrane Solutions Basic Information

Table 90. Air Products Membrane Solutions CO2 Separation Membrane Module Product Overview

Table 91. Air Products Membrane Solutions CO2 Separation Membrane Module Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 92. Air Products Membrane Solutions Business Overview

Table 93. Air Products Membrane Solutions Recent Developments

Table 94. Fujifilm Basic Information

Table 95. Fujifilm CO2 Separation Membrane Module Product Overview

Table 96. Fujifilm CO2 Separation Membrane Module Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 97. Fujifilm Business Overview

Table 98. Fujifilm Recent Developments

Table 99. GENERON Basic Information

Table 100. GENERON CO2 Separation Membrane Module Product Overview

Table 101. GENERON CO2 Separation Membrane Module Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)

Table 102. GENERON Business Overview

- Table 103. GENERON Recent Developments
- Table 104. DIC Corporation Basic Information
- Table 105. DIC Corporation CO2 Separation Membrane Module Product Overview
- Table 106. DIC Corporation CO2 Separation Membrane Module Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 107. DIC Corporation Business Overview
- Table 108. DIC Corporation Recent Developments
- Table 109. PermSelect Basic Information
- Table 110. PermSelect CO2 Separation Membrane Module Product Overview
- Table 111. PermSelect CO2 Separation Membrane Module Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 112. PermSelect Business Overview
- Table 113. PermSelect Recent Developments
- Table 114. BORSIG GmbH Basic Information
- Table 115. BORSIG GmbH CO2 Separation Membrane Module Product Overview
- Table 116. BORSIG GmbH CO2 Separation Membrane Module Sales (K Units), Revenue (M USD), Price (USD/Unit) and Gross Margin (2020-2025)
- Table 117. BORSIG GmbH Business Overview
- Table 118. BORSIG GmbH Recent Developments
- Table 119. Global CO2 Separation Membrane Module Sales Forecast by Region (2026-2033) & (K Units)
- Table 120. Global CO2 Separation Membrane Module Market Size Forecast by Region (2026-2033) & (M USD)
- Table 121. North America CO2 Separation Membrane Module Sales Forecast by Country (2026-2033) & (K Units)
- Table 122. North America CO2 Separation Membrane Module Market Size Forecast by Country (2026-2033) & (M USD)
- Table 123. Europe CO2 Separation Membrane Module Sales Forecast by Country (2026-2033) & (K Units)
- Table 124. Europe CO2 Separation Membrane Module Market Size Forecast by Country (2026-2033) & (M USD)
- Table 125. Asia Pacific CO2 Separation Membrane Module Sales Forecast by Region (2026-2033) & (K Units)
- Table 126. Asia Pacific CO2 Separation Membrane Module Market Size Forecast by Region (2026-2033) & (M USD)
- Table 127. South America CO2 Separation Membrane Module Sales Forecast by Country (2026-2033) & (K Units)
- Table 128. South America CO2 Separation Membrane Module Market Size Forecast by Country (2026-2033) & (M USD)

Table 129. Middle East and Africa CO2 Separation Membrane Module Sales Forecast by Country (2026-2033) & (Units)

Table 130. Middle East and Africa CO2 Separation Membrane Module Market Size Forecast by Country (2026-2033) & (M USD)

Table 131. Global CO2 Separation Membrane Module Sales Forecast by Type (2026-2033) & (K Units)

Table 132. Global CO2 Separation Membrane Module Market Size Forecast by Type (2026-2033) & (M USD)

Table 133. Global CO2 Separation Membrane Module Price Forecast by Type (2026-2033) & (USD/Unit)

Table 134. Global CO2 Separation Membrane Module Sales (K Units) Forecast by Application (2026-2033)

Table 135. Global CO2 Separation Membrane Module Market Size Forecast by Application (2026-2033) & (M USD)

List Of Figures

LIST OF FIGURES

- Figure 1. Product Picture of CO2 Separation Membrane Module
- Figure 2. Data Triangulation
- Figure 3. Key Caveats
- Figure 4. Global CO2 Separation Membrane Module Market Size (M USD), 2024-2033
- Figure 5. Global CO2 Separation Membrane Module Market Size (M USD) (2020-2033)
- Figure 6. Global CO2 Separation Membrane Module Sales (K Units) & (2020-2033)
- Figure 7. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 8. Evaluation Matrix of Segment Market Development Potential (Application)
- Figure 9. Evaluation Matrix of Regional Market Development Potential
- Figure 10. CO2 Separation Membrane Module Market Size by Country (M USD)
- Figure 11. Company Assessment Quadrant
- Figure 12. Global CO2 Separation Membrane Module Product Life Cycle
- Figure 13. CO2 Separation Membrane Module Sales Share by Manufacturers in 2024
- Figure 14. Global CO2 Separation Membrane Module Revenue Share by Manufacturers in 2024
- Figure 15. CO2 Separation Membrane Module Market Share by Company Type (Tier 1, Tier 2 and Tier 3): 2024
- Figure 16. Global Market CO2 Separation Membrane Module Average Price (USD/Unit) of Key Manufacturers in 2024
- Figure 17. The Global 5 and 10 Largest Players: Market Share by CO2 Separation Membrane Module Revenue in 2024
- Figure 18. Industry Chain Map of CO2 Separation Membrane Module
- Figure 19. Global CO2 Separation Membrane Module Market PEST Analysis
- Figure 20. Global CO2 Separation Membrane Module Market Porter's Five Forces Analysis
- Figure 21. Global Merchandise Trade as a Percentage Of GDP
- Figure 22. US - Imports of Goods by Country
- Figure 23. China Exports by Country
- Figure 24. ESG Rating Distribution of The Leading Company Compared With Its Peers
- Figure 25. Evaluation Matrix of Segment Market Development Potential (Type)
- Figure 26. Global CO2 Separation Membrane Module Market Share by Type
- Figure 27. Sales Market Share of CO2 Separation Membrane Module by Type (2020-2025)
- Figure 28. Sales Market Share of CO2 Separation Membrane Module by Type in 2024
- Figure 29. Market Size Share of CO2 Separation Membrane Module by Type

(2020-2025)

Figure 30. Market Size Share of CO₂ Separation Membrane Module by Type in 2024

Figure 31. Evaluation Matrix of Segment Market Development Potential (Application)

Figure 32. Global CO₂ Separation Membrane Module Market Share by Application

Figure 33. Global CO₂ Separation Membrane Module Sales Market Share by Application (2020-2025)

Figure 34. Global CO₂ Separation Membrane Module Sales Market Share by Application in 2024

Figure 35. Global CO₂ Separation Membrane Module Market Share by Application (2020-2025)

Figure 36. Global CO₂ Separation Membrane Module Market Share by Application in 2024

Figure 37. Global CO₂ Separation Membrane Module Sales Growth Rate by Application (2020-2025)

Figure 38. Global CO₂ Separation Membrane Module Sales Market Share by Region (2020-2025)

Figure 39. Global CO₂ Separation Membrane Module Market Size Market Share by Region (2020-2025)

Figure 40. North America CO₂ Separation Membrane Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 41. North America CO₂ Separation Membrane Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 42. North America CO₂ Separation Membrane Module Sales Market Share by Country in 2024

Figure 43. North America CO₂ Separation Membrane Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 44. North America CO₂ Separation Membrane Module Market Size Market Share by Country in 2024

Figure 45. U.S. CO₂ Separation Membrane Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 46. U.S. CO₂ Separation Membrane Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 47. Canada CO₂ Separation Membrane Module Sales (K Units) and Growth Rate (2020-2025)

Figure 48. Canada CO₂ Separation Membrane Module Market Size (M USD) and Growth Rate (2020-2025)

Figure 49. Mexico CO₂ Separation Membrane Module Sales (Units) and Growth Rate (2020-2025)

Figure 50. Mexico CO₂ Separation Membrane Module Market Size (Units) and Growth

Rate (2020-2025)

Figure 51. Europe CO2 Separation Membrane Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 52. Europe CO2 Separation Membrane Module Sales Market Share by Country in 2024

Figure 53. Europe CO2 Separation Membrane Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 54. Europe CO2 Separation Membrane Module Market Size Market Share by Country in 2024

Figure 55. Germany CO2 Separation Membrane Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 56. Germany CO2 Separation Membrane Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 57. France CO2 Separation Membrane Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 58. France CO2 Separation Membrane Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 59. U.K. CO2 Separation Membrane Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 60. U.K. CO2 Separation Membrane Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 61. Italy CO2 Separation Membrane Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 62. Italy CO2 Separation Membrane Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 63. Spain CO2 Separation Membrane Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 64. Spain CO2 Separation Membrane Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 65. Asia Pacific CO2 Separation Membrane Module Sales and Growth Rate (K Units)

Figure 66. Asia Pacific CO2 Separation Membrane Module Sales Market Share by Region in 2024

Figure 67. Asia Pacific CO2 Separation Membrane Module Market Size Market Share by Region in 2024

Figure 68. China CO2 Separation Membrane Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 69. China CO2 Separation Membrane Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 70. Japan CO2 Separation Membrane Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 71. Japan CO2 Separation Membrane Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 72. South Korea CO2 Separation Membrane Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 73. South Korea CO2 Separation Membrane Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 74. India CO2 Separation Membrane Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 75. India CO2 Separation Membrane Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 76. Southeast Asia CO2 Separation Membrane Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 77. Southeast Asia CO2 Separation Membrane Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 78. South America CO2 Separation Membrane Module Sales and Growth Rate (K Units)

Figure 79. South America CO2 Separation Membrane Module Sales Market Share by Country in 2024

Figure 80. South America CO2 Separation Membrane Module Market Size and Growth Rate (M USD)

Figure 81. South America CO2 Separation Membrane Module Market Size Market Share by Country in 2024

Figure 82. Brazil CO2 Separation Membrane Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 83. Brazil CO2 Separation Membrane Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 84. Argentina CO2 Separation Membrane Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 85. Argentina CO2 Separation Membrane Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 86. Columbia CO2 Separation Membrane Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 87. Columbia CO2 Separation Membrane Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 88. Middle East and Africa CO2 Separation Membrane Module Sales and Growth Rate (K Units)

Figure 89. Middle East and Africa CO2 Separation Membrane Module Sales Market

Share by Region in 2024

Figure 90. Middle East and Africa CO2 Separation Membrane Module Market Size and Growth Rate (M USD)

Figure 91. Middle East and Africa CO2 Separation Membrane Module Market Size Market Share by Region in 2024

Figure 92. Saudi Arabia CO2 Separation Membrane Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 93. Saudi Arabia CO2 Separation Membrane Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 94. UAE CO2 Separation Membrane Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 95. UAE CO2 Separation Membrane Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 96. Egypt CO2 Separation Membrane Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 97. Egypt CO2 Separation Membrane Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 98. Nigeria CO2 Separation Membrane Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 99. Nigeria CO2 Separation Membrane Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 100. South Africa CO2 Separation Membrane Module Sales and Growth Rate (2020-2025) & (K Units)

Figure 101. South Africa CO2 Separation Membrane Module Market Size and Growth Rate (2020-2025) & (M USD)

Figure 102. Global CO2 Separation Membrane Module Production Market Share by Region (2020-2025)

Figure 103. North America CO2 Separation Membrane Module Production (K Units) Growth Rate (2020-2025)

Figure 104. Europe CO2 Separation Membrane Module Production (K Units) Growth Rate (2020-2025)

Figure 105. Japan CO2 Separation Membrane Module Production (K Units) Growth Rate (2020-2025)

Figure 106. China CO2 Separation Membrane Module Production (K Units) Growth Rate (2020-2025)

Figure 107. Global CO2 Separation Membrane Module Sales Forecast by Volume (2020-2033) & (K Units)

Figure 108. Global CO2 Separation Membrane Module Market Size Forecast by Value (2020-2033) & (M USD)

Figure 109. Global CO2 Separation Membrane Module Sales Market Share Forecast by Type (2026-2033)

Figure 110. Global CO2 Separation Membrane Module Market Share Forecast by Type (2026-2033)

Figure 111. Global CO2 Separation Membrane Module Sales Forecast by Application (2026-2033)

Figure 112. Global CO2 Separation Membrane Module Market Share Forecast by Application (2026-2033)

I would like to order

Product name: Global CO2 Separation Membrane Module Market Research Report 2025(Status and Outlook)

Product link: <https://marketpublishers.com/r/CC4A21F4BB3AEN.html>

Price: US\$ 3,200.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/CC4A21F4BB3AEN.html>