

# Global Biogas Separation Membrane Supply, Demand and Key Producers, 2023-2029

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## Abstracts

The global Biogas Separation Membrane market size is expected to reach \$ million by 2029, rising at a market growth of % CAGR during the forecast period (2023-2029).

Biogas Separation Membrane uses the different selective permeability of different gases to the permeable membrane, and can simultaneously separate CH<sub>4</sub>, CO<sub>2</sub>, and H<sub>2</sub>S, that is, CO<sub>2</sub> and H<sub>2</sub>S cannot pass through the permeable membrane under pressurized conditions, but CH<sub>4</sub> can pass through, thereby separating CH<sub>4</sub> Separation from other polluting gases to purify biogas. The application of biogas separation membrane in biogas purification has the following advantages: methane escape (loss) during the purification process is 1000Nm<sup>3</sup>/h); can start and stop the operation of equipment in a short time interval, A high degree of flexibility is ensured; direct input (via the gas pipeline) into the gas supply network is possible without additional compressors. In terms of product type, type >99% methane recovery rate is the largest segment, occupied for a share of 62.86%, and in terms of application, application commercial factory biogas digester has a share about 85.61 percent.

Biogas Separation Membrane uses the different selective permeability of different gases to the permeable membrane, and can simultaneously separate CH<sub>4</sub>, CO<sub>2</sub>, and H<sub>2</sub>S, that is, CO<sub>2</sub> and H<sub>2</sub>S cannot pass through the permeable membrane under pressurized conditions, but CH<sub>4</sub> can pass through, thereby separating CH<sub>4</sub> Separation from other polluting gases to purify biogas.

This report studies the global Biogas Separation Membrane production, demand, key manufacturers, and key regions.

This report is a detailed and comprehensive analysis of the world market for Biogas

Separation Membrane, 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 Biogas Separation Membrane that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global Biogas Separation Membrane total production and demand, 2018-2029, (Units)

Global Biogas Separation Membrane total production value, 2018-2029, (USD Million)

Global Biogas Separation Membrane production by region & country, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Biogas Separation Membrane consumption by region & country, CAGR, 2018-2029 & (Units)

U.S. VS China: Biogas Separation Membrane domestic production, consumption, key domestic manufacturers and share

Global Biogas Separation Membrane production by manufacturer, production, price, value and market share 2018-2023, (USD Million) & (Units)

Global Biogas Separation Membrane production by Type, production, value, CAGR, 2018-2029, (USD Million) & (Units)

Global Biogas Separation Membrane production by Application production, value, CAGR, 2018-2029, (USD Million) & (Units)

This reports profiles key players in the global Biogas Separation Membrane 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 Evonik Industries, Air Products, UBE Corporation and Air Liquide, etc.

This report also provides key insights about market drivers, restraints, opportunities, new product launches or approvals, COVID-19 and Russia-Ukraine War Influence.

Stakeholders would have ease in decision-making through various strategy matrices

used in analyzing the World Biogas Separation Membrane market

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (Units) and average price (US\$/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 Biogas Separation Membrane Market, By Region:

United States

China

Europe

Japan

South Korea

ASEAN

India

Rest of World

Global Biogas Separation Membrane Market, Segmentation by Type

Below 99% Methane Recovery Rate

Above 99% Methane Recovery Rate

Global Biogas Separation Membrane Market, Segmentation by Application

Commercial Factory Biogas Digester

## Agricultural Biogas Digester

### Companies Profiled:

Evonik Industries

Air Products

UBE Corporation

Air Liquide

### Key Questions Answered

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

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