



Global RO Membrane Desalination Industry Growth and Trends Forecast to 2032

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Chemical & Material	2025-12-27	109	PDF
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Description

The global RO Membrane Desalination market was valued at US\$ million in 2026 and is projected to reach US\$ million by 2032, implying a CAGR of xx% over 2026-2032.

The North America market for RO Membrane Desalination is projected to increase from US\$ million in 2026 to US\$ million by 2032, corresponding to a CAGR of % over 2026-2032.

The Europe market for RO Membrane Desalination is projected to increase from US\$ million in 2026 to US\$ million by 2032, registering a CAGR of % over 2026-2032.

The Asia Pacific market for RO Membrane Desalination is projected to increase from US\$ million in 2026 to US\$ million by 2032, at a CAGR of % over 2026-2032.

Leading global manufacturers of RO Membrane Desalination include GE, Hunan Aowei Technology, Koch, LG Chem, MANN+HUMMEL, Nitto, OriginWater, SUEZ and Vontron, among others. In 2025, the top three vendors together accounted for approximately % of global revenue.

Report Scope

This report provides a structured, data-driven view of the global RO Membrane Desalination market, combining harmonized quantitative metrics with targeted qualitative insight to support business and growth strategy, market positioning, and capital allocation.

The RO Membrane Desalination market size, estimates, and forecasts are presented in terms of sales volume (Tons) and revenue (US\$ million), with 2025 as the base year and historical and forecast data for 2021-2032. The report segments the global RO Membrane Desalination market by Type, Application, region/country, and company, provides regional market sizes at the segment level, profiles the competitive landscape and key players and their market ranks, and reviews technology trends and new product developments relevant to RO Membrane Desalination.

Key Companies & Market Share Insights

This section analyzes the strategies and performance of leading manufacturers in the global RO Membrane Desalination market, including portfolio focus, innovation and product development, mergers and acquisitions, collaborations, and geographic expansion used to sustain or enhance competitive positions. It also summarizes recent corporate developments and key financial indicators and provides global revenue, price, and sales volume data by manufacturer for 2020-2025, enabling benchmarking of scale, pricing, and market share and supporting assessment of market concentration through indicators such as CR5 and CR10.

RO Membrane Desalination Market by Company

GE

Hunan Aowei Technology

Koch
LG Chem
MANN+HUMMEL
Nitto
OriginWater
SUEZ
Vontron
Toray
Dow

RO Membrane Desalination Segment by Type

Low Pressure Reverse Osmosis Membranes
Ultra Low Pressure Reverse Osmosis Membranes
Conventional Reverse Osmosis Membranes

RO Membrane Desalination Segment by Application

Ship
Sea-Based Desalination System
Land-Based Desalination System
Others

RO Membrane Desalination Segment by Region

North America
United States
Canada
Mexico
Europe
Germany
France
U.K.
Italy
Russia
Spain
Netherlands
Switzerland
Sweden
Poland
Asia-Pacific
China
Japan
South Korea
India
Australia
Taiwan
Southeast Asia
South America
Brazil
Argentina
Chile

Colombia
Middle East & Africa
Egypt
South Africa
Israel
Türkiye
GCC Countries

Key Drivers & Barriers

High-impact rendering factors and drivers have been studied in this report to aid the readers to understand the general development. Moreover, the report includes restraints and challenges that may act as stumbling blocks on the way of the players. This will assist the users to be attentive and make informed decisions related to business. Specialists have also laid their focus on the upcoming business prospects.

Reasons to Buy This Report

1. This report will help the readers to understand the competition within the industries and strategies for the competitive environment to enhance the potential profit. The report also focuses on the competitive landscape of the global RO Membrane Desalination market, and introduces in detail the market share, industry ranking, competitor ecosystem, market performance, new product development, operation situation, expansion, and acquisition. etc. of the main players, which helps the readers to identify the main competitors and deeply understand the competition pattern of the market.
2. This report will help stakeholders to understand the global industry status and trends of RO Membrane Desalination and provides them with information on key market drivers, restraints, challenges, and opportunities.
3. This report will help stakeholders to understand competitors better and gain more insights to strengthen their position in their businesses. The competitive landscape section includes the market share and rank (in volume and value), competitor ecosystem, new product development, expansion, and acquisition.
4. This report stays updated with novel technology integration, features, and the latest developments in the market.
5. This report helps stakeholders to gain insights into which regions to target globally.
6. This report helps stakeholders to gain insights into the end-user perception concerning the adoption of RO Membrane Desalination.
7. This report helps stakeholders to identify some of the key players in the market and understand their valuable contribution.

Chapter Outline

Chapter 1:

Introduces the study scope of this report, executive summary of market segments by type, market size segments for North America, Europe, Asia Pacific, South America, Middle East & Africa.

Chapter 2:

Introduces the market dynamics, 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 3:

Detailed analysis of RO Membrane Desalination manufacturers competitive landscape, price, sales, revenue, market share and ranking, latest development plan, merger, and acquisition information, etc.

Chapter 4:

Sales, revenue of RO Membrane Desalination in regional level. It provides a quantitative analysis of the market size and development potential of each region and introduces the future development prospects, and market

space in the world.

Chapter 5:

Introduces market segments by application, market size segment for North America, Europe, Asia Pacific, South America, Middle East & Africa.

Chapter 6:

Provides profiles of key players, introducing the basic situation of the main companies in the market in detail, including product sales, revenue, price, gross margin, product introduction, recent development, etc.

Chapter 7, 8, 9, 10 and 11: North America, Europe, Asia Pacific, South America, Middle East & Africa, sales and revenue by country.

Chapter 12:

Analysis of industrial chain, key raw materials, manufacturing cost, and market dynamics.

Chapter 13:

Concluding Insights of the report.

Table of Contents

1 Market Overview

- 1.1 Product Definition
- 1.2 Global Market Growth Prospects
 - 1.2.1 Global RO Membrane Desalination Market Size Estimates and Forecasts (2021-2032)
 - 1.2.2 Global RO Membrane Desalination Sales Estimates and Forecasts (2021-2032)
- 1.3 RO Membrane Desalination Market by Type
 - 1.3.1 Low Pressure Reverse Osmosis Membranes
 - 1.3.2 Ultra Low Pressure Reverse Osmosis Membranes
 - 1.3.3 Conventional Reverse Osmosis Membranes
- 1.4 Global RO Membrane Desalination Market Size by Type
 - 1.4.1 Global RO Membrane Desalination Market Size Overview by Type (2021-2032)
 - 1.4.2 Global RO Membrane Desalination Historic Market Size Review by Type (2021-2026)
 - 1.4.3 Global RO Membrane Desalination Forecasted Market Size by Type (2027-2032)
- 1.5 Key Regions Market Size by Type
 - 1.5.1 North America RO Membrane Desalination Sales Breakdown by Type (2021-2026)
 - 1.5.2 Europe RO Membrane Desalination Sales Breakdown by Type (2021-2026)
 - 1.5.3 Asia-Pacific RO Membrane Desalination Sales Breakdown by Type (2021-2026)
 - 1.5.4 South America RO Membrane Desalination Sales Breakdown by Type (2021-2026)
 - 1.5.5 Middle East and Africa RO Membrane Desalination Sales Breakdown by Type (2021-2026)

2 Global Market Dynamics

- 2.1 RO Membrane Desalination Industry Trends
- 2.2 RO Membrane Desalination Industry Drivers
- 2.3 RO Membrane Desalination Industry Opportunities and Challenges
- 2.4 RO Membrane Desalination Industry Restraints

3 Market Competitive Landscape by Company

- 3.1 Global Top Players by RO Membrane Desalination Revenue (2021-2026)
- 3.2 Global Top Players by RO Membrane Desalination Sales (2021-2026)
- 3.3 Global Top Players by RO Membrane Desalination Price (2021-2026)
- 3.4 Global RO Membrane Desalination Industry Company Ranking, 2024 VS 2025 VS 2026
- 3.5 Global RO Membrane Desalination Major Company Production Sites & Headquarters
- 3.6 Global RO Membrane Desalination Company, Product Type & Application
- 3.7 Global RO Membrane Desalination Company Establishment Date
- 3.8 Market Competitive Analysis
 - 3.8.1 Global RO Membrane Desalination Market CR5 and HHI
 - 3.8.2 Global Top 5 and 10 RO Membrane Desalination Players Market Share by Revenue in 2025
 - 3.8.3 2025 RO Membrane Desalination Tier 1, Tier 2, and Tier 3

4 RO Membrane Desalination Regional Status and Outlook

- 4.1 Global RO Membrane Desalination Market Size and CAGR by Region: 2021 VS 2025 VS 2032
- 4.2 Global RO Membrane Desalination Historic Market Size by Region
 - 4.2.1 Global RO Membrane Desalination Sales in Volume by Region (2021-2026)
 - 4.2.2 Global RO Membrane Desalination Sales in Value by Region (2021-2026)
 - 4.2.3 Global RO Membrane Desalination Sales (Volume & Value), Price and Gross Margin (2021-2026)

- 4.3 Global RO Membrane Desalination Forecasted Market Size by Region
 - 4.3.1 Global RO Membrane Desalination Sales in Volume by Region (2027-2032)
 - 4.3.2 Global RO Membrane Desalination Sales in Value by Region (2027-2032)
 - 4.3.3 Global RO Membrane Desalination Sales (Volume & Value), Price and Gross Margin (2027-2032)

5 RO Membrane Desalination by Application

- 5.1 RO Membrane Desalination Market by Application
 - 5.1.1 Ship
 - 5.1.2 Sea-Based Desalination System
 - 5.1.3 Land-Based Desalination System
 - 5.1.4 Others
- 5.2 Global RO Membrane Desalination Market Size by Application
 - 5.2.1 Global RO Membrane Desalination Market Size Overview by Application (2021-2032)
 - 5.2.2 Global RO Membrane Desalination Historic Market Size Review by Application (2021-2026)
 - 5.2.3 Global RO Membrane Desalination Forecasted Market Size by Application (2027-2032)
- 5.3 Key Regions Market Size by Application
 - 5.3.1 North America RO Membrane Desalination Sales Breakdown by Application (2021-2026)
 - 5.3.2 Europe RO Membrane Desalination Sales Breakdown by Application (2021-2026)
 - 5.3.3 Asia-Pacific RO Membrane Desalination Sales Breakdown by Application (2021-2026)
 - 5.3.4 South America RO Membrane Desalination Sales Breakdown by Application (2021-2026)
 - 5.3.5 Middle East and Africa RO Membrane Desalination Sales Breakdown by Application (2021-2026)

6 Company Profiles

- 6.1 GE
 - 6.1.1 GE Company Information
 - 6.1.2 GE Business Overview
 - 6.1.3 GE RO Membrane Desalination Sales, Revenue and Gross Margin (2021-2026)
 - 6.1.4 GE RO Membrane Desalination Product Portfolio
 - 6.1.5 GE Recent Developments
- 6.2 Hunan Aowei Technology
 - 6.2.1 Hunan Aowei Technology Company Information
 - 6.2.2 Hunan Aowei Technology Business Overview
 - 6.2.3 Hunan Aowei Technology RO Membrane Desalination Sales, Revenue and Gross Margin (2021-2026)
 - 6.2.4 Hunan Aowei Technology RO Membrane Desalination Product Portfolio
 - 6.2.5 Hunan Aowei Technology Recent Developments
- 6.3 Koch
 - 6.3.1 Koch Company Information
 - 6.3.2 Koch Business Overview
 - 6.3.3 Koch RO Membrane Desalination Sales, Revenue and Gross Margin (2021-2026)
 - 6.3.4 Koch RO Membrane Desalination Product Portfolio
 - 6.3.5 Koch Recent Developments
- 6.4 LG Chem
 - 6.4.1 LG Chem Company Information
 - 6.4.2 LG Chem Business Overview
 - 6.4.3 LG Chem RO Membrane Desalination Sales, Revenue and Gross Margin (2021-2026)
 - 6.4.4 LG Chem RO Membrane Desalination Product Portfolio
 - 6.4.5 LG Chem Recent Developments
- 6.5 MANN+HUMMEL
 - 6.5.1 MANN+HUMMEL Company Information

- 6.5.2 MANN+HUMMEL Business Overview
- 6.5.3 MANN+HUMMEL RO Membrane Desalination Sales, Revenue and Gross Margin (2021-2026)
- 6.5.4 MANN+HUMMEL RO Membrane Desalination Product Portfolio
- 6.5.5 MANN+HUMMEL Recent Developments

6.6 Nitto

- 6.6.1 Nitto Company Information
- 6.6.2 Nitto Business Overview
- 6.6.3 Nitto RO Membrane Desalination Sales, Revenue and Gross Margin (2021-2026)
- 6.6.4 Nitto RO Membrane Desalination Product Portfolio
- 6.6.5 Nitto Recent Developments

6.7 OriginWater

- 6.7.1 OriginWater Company Information
- 6.7.2 OriginWater Business Overview
- 6.7.3 OriginWater RO Membrane Desalination Sales, Revenue and Gross Margin (2021-2026)
- 6.7.4 OriginWater RO Membrane Desalination Product Portfolio
- 6.7.5 OriginWater Recent Developments

6.8 SUEZ

- 6.8.1 SUEZ Company Information
- 6.8.2 SUEZ Business Overview
- 6.8.3 SUEZ RO Membrane Desalination Sales, Revenue and Gross Margin (2021-2026)
- 6.8.4 SUEZ RO Membrane Desalination Product Portfolio
- 6.8.5 SUEZ Recent Developments

6.9 Vontron

- 6.9.1 Vontron Company Information
- 6.9.2 Vontron Business Overview
- 6.9.3 Vontron RO Membrane Desalination Sales, Revenue and Gross Margin (2021-2026)
- 6.9.4 Vontron RO Membrane Desalination Product Portfolio
- 6.9.5 Vontron Recent Developments

6.10 Toray

- 6.10.1 Toray Company Information
- 6.10.2 Toray Business Overview
- 6.10.3 Toray RO Membrane Desalination Sales, Revenue and Gross Margin (2021-2026)
- 6.10.4 Toray RO Membrane Desalination Product Portfolio
- 6.10.5 Toray Recent Developments

6.11 Dow

- 6.11.1 Dow Company Information
- 6.11.2 Dow Business Overview
- 6.11.3 Dow RO Membrane Desalination Sales, Revenue and Gross Margin (2021-2026)
- 6.11.4 Dow RO Membrane Desalination Product Portfolio
- 6.11.5 Dow Recent Developments

7 North America by Country

7.1 North America RO Membrane Desalination Sales by Country

- 7.1.1 North America RO Membrane Desalination Sales Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032
- 7.1.2 North America RO Membrane Desalination Sales by Country (2021-2026)
- 7.1.3 North America RO Membrane Desalination Sales Forecast by Country (2027-2032)

7.2 North America RO Membrane Desalination Market Size by Country

- 7.2.1 North America RO Membrane Desalination Market Size Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032
- 7.2.2 North America RO Membrane Desalination Market Size by Country (2021-2026)

8 Europe by Country

- 8.1 Europe RO Membrane Desalination Sales by Country
 - 8.1.1 Europe RO Membrane Desalination Sales Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032
 - 8.1.2 Europe RO Membrane Desalination Sales by Country (2021-2026)
 - 8.1.3 Europe RO Membrane Desalination Sales Forecast by Country (2027-2032)
- 8.2 Europe RO Membrane Desalination Market Size by Country
 - 8.2.1 Europe RO Membrane Desalination Market Size Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032
 - 8.2.2 Europe RO Membrane Desalination Market Size by Country (2021-2026)
 - 8.2.3 Europe RO Membrane Desalination Market Size Forecast by Country (2027-2032)

9 Asia-Pacific by Country

- 9.1 Asia-Pacific RO Membrane Desalination Sales by Country
 - 9.1.1 Asia-Pacific RO Membrane Desalination Sales Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032
 - 9.1.2 Asia-Pacific RO Membrane Desalination Sales by Country (2021-2026)
 - 9.1.3 Asia-Pacific RO Membrane Desalination Sales Forecast by Country (2027-2032)
- 9.2 Asia-Pacific RO Membrane Desalination Market Size by Country
 - 9.2.1 Asia-Pacific RO Membrane Desalination Market Size Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032
 - 9.2.2 Asia-Pacific RO Membrane Desalination Market Size by Country (2021-2026)
 - 9.2.3 Asia-Pacific RO Membrane Desalination Market Size Forecast by Country (2027-2032)

10 South America by Country

- 10.1 South America RO Membrane Desalination Sales by Country
 - 10.1.1 South America RO Membrane Desalination Sales Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032
 - 10.1.2 South America RO Membrane Desalination Sales by Country (2021-2026)
 - 10.1.3 South America RO Membrane Desalination Sales Forecast by Country (2027-2032)
- 10.2 South America RO Membrane Desalination Market Size by Country
 - 10.2.1 South America RO Membrane Desalination Market Size Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032
 - 10.2.2 South America RO Membrane Desalination Market Size by Country (2021-2026)
 - 10.2.3 South America RO Membrane Desalination Market Size Forecast by Country (2027-2032)

11 Middle East and Africa by Country

- 11.1 Middle East and Africa RO Membrane Desalination Sales by Country
 - 11.1.1 Middle East and Africa RO Membrane Desalination Sales Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032
 - 11.1.2 Middle East and Africa RO Membrane Desalination Sales by Country (2021-2026)
 - 11.1.3 Middle East and Africa RO Membrane Desalination Sales Forecast by Country (2027-2032)
- 11.2 Middle East and Africa RO Membrane Desalination Market Size by Country
 - 11.2.1 Middle East and Africa RO Membrane Desalination Market Size Growth Rate (CAGR) by Country: 2021 VS 2025 VS 2032
 - 11.2.2 Middle East and Africa RO Membrane Desalination Market Size by Country (2021-2026)
 - 11.2.3 Middle East and Africa RO Membrane Desalination Market Size Forecast by Country (2027-2032)

12 Value Chain and Sales Channels Analysis

- 12.1 RO Membrane Desalination Value Chain Analysis
 - 12.1.1 RO Membrane Desalination Key Raw Materials
 - 12.1.2 Key Raw Materials Price
 - 12.1.3 Raw Materials Key Suppliers
 - 12.1.4 Manufacturing Cost Structure
 - 12.1.5 RO Membrane Desalination Production Mode & Process

12.2 RO Membrane Desalination Sales Channels Analysis

12.2.1 Direct Comparison with Distribution Share

12.2.2 RO Membrane Desalination Distributors

12.2.3 RO Membrane Desalination Customers

13 Concluding Insights

14 Appendix

14.1 Reasons for Doing This Study

14.2 Research Methodology

14.3 Research Process

14.4 Authors List of This Report

14.5 Data Source

14.5.1 Secondary Sources

14.5.2 Primary Sources

14.6 Disclaimer

List of Tables and Figures

List of Tables:

- Table 1: Major Company of Low Pressure Reverse Osmosis Membranes
- Table 2: Major Company of Ultra Low Pressure Reverse Osmosis Membranes
- Table 3: Major Company of Conventional Reverse Osmosis Membranes
- Table 4: Global RO Membrane Desalination Sales by Type (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 5: Global RO Membrane Desalination Sales by Type (2021-2026) & (Tons)
- Table 6: Global RO Membrane Desalination Sales Market Share in Volume by Type (2021-2026)
- Table 7: Global RO Membrane Desalination Sales by Type (2021-2026) & (US\$ Million)
- Table 8: Global RO Membrane Desalination Sales Market Share in Value by Type (2021-2026)
- Table 9: Global RO Membrane Desalination Price by Type (2021-2026) & (US\$/Ton)
- Table 10: Global RO Membrane Desalination Sales by Type (2027-2032) & (Tons)
- Table 11: Global RO Membrane Desalination Sales Market Share in Volume by Type (2027-2032)
- Table 12: Global RO Membrane Desalination Sales by Type (2027-2032) & (US\$ Million)
- Table 13: Global RO Membrane Desalination Sales Market Share in Value by Type (2027-2032)
- Table 14: Global RO Membrane Desalination Price by Type (2027-2032) & (US\$/Ton)
- Table 15: North America RO Membrane Desalination Sales by Type (2021-2026) & (Tons)
- Table 16: North America RO Membrane Desalination Sales by Type (2021-2026) & (US\$ Million)
- Table 17: Europe RO Membrane Desalination Sales by Type (2021-2026) & (Tons)
- Table 18: Europe RO Membrane Desalination Sales by Type (2021-2026) & (US\$ Million)
- Table 19: Asia-Pacific RO Membrane Desalination Sales by Type (2021-2026) & (Tons)
- Table 20: Asia-Pacific RO Membrane Desalination Sales by Type (2021-2026) & (US\$ Million)
- Table 21: Latin America RO Membrane Desalination Sales by Type (2021-2026) & (Tons)
- Table 22: Latin America RO Membrane Desalination Sales by Type (2021-2026) & (US\$ Million)
- Table 23: Middle East and Africa RO Membrane Desalination Sales by Type (2021-2026) & (Tons)
- Table 24: Middle East and Africa RO Membrane Desalination Sales by Type (2021-2026) & (US\$ Million)
- Table 25: RO Membrane Desalination Industry Trends
- Table 26: RO Membrane Desalination Industry Drivers
- Table 27: RO Membrane Desalination Industry Opportunities and Challenges
- Table 28: RO Membrane Desalination Industry Restraints
- Table 29: Global RO Membrane Desalination Sales Revenue by Company (US\$ Million) & (2021-2026)
- Table 30: Global RO Membrane Desalination Revenue Market Share by Company (2021-2026)
- Table 31: Global RO Membrane Desalination Sales by Company (2021-2026) & (Tons)
- Table 32: Global RO Membrane Desalination Sales Share by Company (2021-2026)
- Table 33: Global RO Membrane Desalination Market Price by Company (2021-2026) & (US\$/Ton)
- Table 34: Global RO Membrane Desalination Industry Company Ranking, 2024 VS 2025 VS 2026
- Table 35: Global RO Membrane Desalination Major Company Production Sites and Headquarters
- Table 36: Global RO Membrane Desalination Company, Product Type & Application
- Table 37: Global RO Membrane Desalination Company Establishment Date
- Table 38: Global Company Market Concentration Ratio (CR5 and HHI)
- Table 39: Global RO Membrane Desalination by Company Type (Tier 1, Tier 2, and Tier 3) & (Based on the Revenue of 2025)
- Table 40: Global RO Membrane Desalination Market Size Comparison by Region (US\$ Million): 2021 VS 2025 VS 2032
- Table 41: Global RO Membrane Desalination Sales by Region (2021-2026) & (Tons)
- Table 42: Global RO Membrane Desalination Sales Market Share in Volume by Region (2021-2026)
- Table 43: Global RO Membrane Desalination Sales by Region (2021-2026) & (US\$ Million)
- Table 44: Global RO Membrane Desalination Sales Market Share in Value by Region (2021-2026)
- Table 45: Global RO Membrane Desalination Sales (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 46: Global RO Membrane Desalination Sales by Region (2027-2032) & (Tons)
- Table 47: Global RO Membrane Desalination Sales Market Share in Volume by Region (2027-2032)
- Table 48: Global RO Membrane Desalination Sales by Region (2027-2032) & (US\$ Million)
- Table 49: Global RO Membrane Desalination Sales Market Share in Value by Region (2027-2032)
- Table 50: Global RO Membrane Desalination Sales (Tons), Value (US\$ Million), Price (US\$/Ton) and Gross Margin (2027-2032)
- Table 51: Global RO Membrane Desalination Sales by Application (2021 VS 2025 VS 2032) & (US\$ Million)
- Table 52: Global RO Membrane Desalination Sales by Application (2021-2026) & (Tons)
- Table 53: Global RO Membrane Desalination Sales Market Share in Volume by Application (2021-2026)

- Table 54: Global RO Membrane Desalination Sales by Application (2021-2026) & (US\$ Million)
- Table 55: Global RO Membrane Desalination Sales Market Share in Value by Application (2021-2026)
- Table 56: Global RO Membrane Desalination Price by Application (2021-2026) & (US\$/Ton)
- Table 57: Global RO Membrane Desalination Sales by Application (2027-2032) & (Tons)
- Table 58: Global RO Membrane Desalination Sales Market Share in Volume by Application (2027-2032)
- Table 59: Global RO Membrane Desalination Sales by Application (2027-2032) & (US\$ Million)
- Table 60: Global RO Membrane Desalination Sales Market Share in Value by Application (2027-2032)
- Table 61: Global RO Membrane Desalination Price by Application (2027-2032) & (US\$/Ton)
- Table 62: North America RO Membrane Desalination Sales by Application (2021-2026) & (Tons)
- Table 63: North America RO Membrane Desalination Sales by Application (2021-2026) & (US\$ Million)
- Table 64: Europe RO Membrane Desalination Sales by Application (2021-2026) & (Tons)
- Table 65: Europe RO Membrane Desalination Sales by Application (2021-2026) & (US\$ Million)
- Table 66: Asia-Pacific RO Membrane Desalination Sales by Application (2021-2026) & (Tons)
- Table 67: Asia-Pacific RO Membrane Desalination Sales by Application (2021-2026) & (US\$ Million)
- Table 68: Latin America RO Membrane Desalination Sales by Application (2021-2026) & (Tons)
- Table 69: Latin America RO Membrane Desalination Sales by Application (2021-2026) & (US\$ Million)
- Table 70: Middle East and Africa RO Membrane Desalination Sales by Application (2021-2026) & (Tons)
- Table 71: Middle East and Africa RO Membrane Desalination Sales by Application (2021-2026) & (US\$ Million)
- Table 72: GE Company Information
- Table 73: GE Business Overview
- Table 74: GE RO Membrane Desalination Sales (Tons), Revenue (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 75: GE RO Membrane Desalination Product Portfolio
- Table 76: GE Recent Development
- Table 77: Hunan Aowei Technology Company Information
- Table 78: Hunan Aowei Technology Business Overview
- Table 79: Hunan Aowei Technology RO Membrane Desalination Sales (Tons), Revenue (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 80: Hunan Aowei Technology RO Membrane Desalination Product Portfolio
- Table 81: Hunan Aowei Technology Recent Development
- Table 82: Koch Company Information
- Table 83: Koch Business Overview
- Table 84: Koch RO Membrane Desalination Sales (Tons), Revenue (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 85: Koch RO Membrane Desalination Product Portfolio
- Table 86: Koch Recent Development
- Table 87: LG Chem Company Information
- Table 88: LG Chem Business Overview
- Table 89: LG Chem RO Membrane Desalination Sales (Tons), Revenue (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 90: LG Chem RO Membrane Desalination Product Portfolio
- Table 91: LG Chem Recent Development
- Table 92: MANN+HUMMEL Company Information
- Table 93: MANN+HUMMEL Business Overview
- Table 94: MANN+HUMMEL RO Membrane Desalination Sales (Tons), Revenue (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 95: MANN+HUMMEL RO Membrane Desalination Product Portfolio
- Table 96: MANN+HUMMEL Recent Development
- Table 97: Nitto Company Information
- Table 98: Nitto Business Overview
- Table 99: Nitto RO Membrane Desalination Sales (Tons), Revenue (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 100: Nitto RO Membrane Desalination Product Portfolio
- Table 101: Nitto Recent Development
- Table 102: OriginWater Company Information
- Table 103: OriginWater Business Overview
- Table 104: OriginWater RO Membrane Desalination Sales (Tons), Revenue (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 105: OriginWater RO Membrane Desalination Product Portfolio
- Table 106: OriginWater Recent Development
- Table 107: SUEZ Company Information
- Table 108: SUEZ Business Overview
- Table 109: SUEZ RO Membrane Desalination Sales (Tons), Revenue (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 110: SUEZ RO Membrane Desalination Product Portfolio

- Table 111: SUEZ Recent Development
- Table 112: Vontron Company Information
- Table 113: Vontron Business Overview
- Table 114: Vontron RO Membrane Desalination Sales (Tons), Revenue (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 115: Vontron RO Membrane Desalination Product Portfolio
- Table 116: Vontron Recent Development
- Table 117: Toray Company Information
- Table 118: Toray Business Overview
- Table 119: Toray RO Membrane Desalination Sales (Tons), Revenue (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 120: Toray RO Membrane Desalination Product Portfolio
- Table 121: Toray Recent Development
- Table 122: Dow Company Information
- Table 123: Dow Business Overview
- Table 124: Dow RO Membrane Desalination Sales (Tons), Revenue (US\$ Million), Price (US\$/Ton) and Gross Margin (2021-2026)
- Table 125: Dow RO Membrane Desalination Product Portfolio
- Table 126: Dow Recent Development
- Table 127: North America RO Membrane Desalination Market Size Growth Rate (CAGR) by Country (Tons): 2021 VS 2025 VS 2032
- Table 128: North America RO Membrane Desalination Sales by Country (2021-2026) & (Tons)
- Table 129: North America RO Membrane Desalination Sales Market Share by Country (2021-2026)
- Table 130: North America RO Membrane Desalination Sales Forecast by Country (2027-2032) & (Tons)
- Table 131: North America RO Membrane Desalination Sales Market Share Forecast by Country (2027-2032)
- Table 132: North America RO Membrane Desalination Market Size Growth Rate (CAGR) by Country (US\$ Million): 2021 VS 2025 VS 2032
- Table 133: North America RO Membrane Desalination Market Size by Country (2021-2026) & (US\$ Million)
- Table 134: North America RO Membrane Desalination Market Share by Country (2021-2026)
- Table 135: North America RO Membrane Desalination Market Size Forecast by Country (2027-2032) & (US\$ Million)
- Table 136: North America RO Membrane Desalination Market Share Forecast by Country (2027-2032)
- Table 137: Europe RO Membrane Desalination Market Size Growth Rate (CAGR) by Country (Tons): 2021 VS 2025 VS 2032
- Table 138: Europe RO Membrane Desalination Sales by Country (2021-2026) & (Tons)
- Table 139: Europe RO Membrane Desalination Sales Market Share by Country (2021-2026)
- Table 140: Europe RO Membrane Desalination Sales Forecast by Country (2027-2032) & (Tons)
- Table 141: Europe RO Membrane Desalination Sales Market Share Forecast by Country (2027-2032)
- Table 142: Europe RO Membrane Desalination Market Size Growth Rate (CAGR) by Country (US\$ Million): 2021 VS 2025 VS 2032
- Table 143: Europe RO Membrane Desalination Market Size by Country (2021-2026) & (US\$ Million)
- Table 144: Europe RO Membrane Desalination Market Share by Country (2021-2026)
- Table 145: Europe RO Membrane Desalination Market Size Forecast by Country (2027-2032) & (US\$ Million)
- Table 146: Europe RO Membrane Desalination Market Share Forecast by Country (2027-2032)
- Table 147: Asia-Pacific RO Membrane Desalination Market Size Growth Rate (CAGR) by Country (Tons): 2021 VS 2025 VS 2032
- Table 148: Asia-Pacific RO Membrane Desalination Sales by Country (2021-2026) & (Tons)
- Table 149: Asia-Pacific RO Membrane Desalination Sales Market Share by Country (2021-2026)
- Table 150: Asia-Pacific RO Membrane Desalination Sales Forecast by Country (2027-2032) & (Tons)
- Table 151: Asia-Pacific RO Membrane Desalination Sales Market Share Forecast by Country (2027-2032)
- Table 152: Asia-Pacific RO Membrane Desalination Market Size Growth Rate (CAGR) by Country (US\$ Million): 2021 VS 2025 VS 2032
- Table 153: Asia-Pacific RO Membrane Desalination Market Size by Country (2021-2026) & (US\$ Million)
- Table 154: Asia-Pacific RO Membrane Desalination Market Share by Country (2021-2026)
- Table 155: Asia-Pacific RO Membrane Desalination Market Size Forecast by Country (2027-2032) & (US\$ Million)
- Table 156: Asia-Pacific RO Membrane Desalination Market Share Forecast by Country (2027-2032)
- Table 157: Latin America RO Membrane Desalination Market Size Growth Rate (CAGR) by Country (Tons): 2021 VS 2025 VS 2032
- Table 158: Latin America RO Membrane Desalination Sales by Country (2021-2026) & (Tons)
- Table 159: Latin America RO Membrane Desalination Sales Market Share by Country (2021-2026)
- Table 160: Latin America RO Membrane Desalination Sales Forecast by Country (2027-2032) & (Tons)
- Table 161: Latin America RO Membrane Desalination Sales Market Share Forecast by Country (2027-2032)
- Table 162: Latin America RO Membrane Desalination Market Size Growth Rate (CAGR) by Country (US\$ Million): 2021 VS 2025 VS 2032
- Table 163: Latin America RO Membrane Desalination Market Size by Country (2021-2026) & (US\$ Million)
- Table 164: Latin America RO Membrane Desalination Market Share by Country (2021-2026)
- Table 165: Latin America RO Membrane Desalination Market Size Forecast by Country (2027-2032) & (US\$ Million)

- Table 166: Latin America RO Membrane Desalination Market Share Forecast by Country (2027-2032)
- Table 167: Middle East and Africa RO Membrane Desalination Market Size Growth Rate (CAGR) by Country (Tons): 2021 VS 2025 VS 2032
- Table 168: Middle East and Africa RO Membrane Desalination Sales by Country (2021-2026) & (Tons)
- Table 169: Middle East and Africa RO Membrane Desalination Sales Market Share by Country (2021-2026)
- Table 170: Middle East and Africa RO Membrane Desalination Sales Forecast by Country (2027-2032) & (Tons)
- Table 171: Middle East and Africa RO Membrane Desalination Sales Market Share Forecast by Country (2027-2032)
- Table 172: Middle East and Africa RO Membrane Desalination Market Size Growth Rate (CAGR) by Country (US\$ Million): 2021 VS 2025 VS 2032
- Table 173: Middle East and Africa RO Membrane Desalination Market Size by Country (2021-2026) & (US\$ Million)
- Table 174: Middle East and Africa RO Membrane Desalination Market Share by Country (2021-2026)
- Table 175: Middle East and Africa RO Membrane Desalination Market Size Forecast by Country (2027-2032) & (US\$ Million)
- Table 176: Middle East and Africa RO Membrane Desalination Market Share Forecast by Country (2027-2032)
- Table 177: Key Raw Materials
- Table 178: Raw Materials Key Suppliers
- Table 179: RO Membrane Desalination Distributors List
- Table 180: RO Membrane Desalination Customers List
- Table 181: Research Programs/Design for This Report
- Table 182: Authors List of This Report
- Table 183: Secondary Sources
- Table 184: Primary Sources

List of Figures:

- Figure 1: RO Membrane Desalination Image
- Figure 2: Global RO Membrane Desalination Market Size (US\$ Million), 2021 VS 2025 VS 2032
- Figure 3: Global RO Membrane Desalination Market Size (2021-2032) & (US\$ Million)
- Figure 4: Global RO Membrane Desalination Sales (2021-2032) & (Tons)
- Figure 5: Low Pressure Reverse Osmosis Membranes Image
- Figure 6: Global Low Pressure Reverse Osmosis Membranes Sales YoY Growth (2021-2032) & (Tons)
- Figure 7: Ultra Low Pressure Reverse Osmosis Membranes Image
- Figure 8: Global Ultra Low Pressure Reverse Osmosis Membranes Sales YoY Growth (2021-2032) & (Tons)
- Figure 9: Conventional Reverse Osmosis Membranes Image
- Figure 10: Global Conventional Reverse Osmosis Membranes Sales YoY Growth (2021-2032) & (Tons)
- Figure 11: Global RO Membrane Desalination Market Size Overview by Type (2021-2032) & (US\$ Million)
- Figure 12: Global RO Membrane Desalination Market Share by Type 2025 VS 2032
- Figure 13: North America RO Membrane Desalination Sales Market Share in Volume by Type in 2025
- Figure 14: North America RO Membrane Desalination Sales Market Share in Value by Type in 2025
- Figure 15: Europe RO Membrane Desalination Sales Market Share in Volume by Type in 2025
- Figure 16: Europe RO Membrane Desalination Sales Market Share in Value by Type in 2025
- Figure 17: Asia-Pacific RO Membrane Desalination Sales Market Share in Volume by Type in 2025
- Figure 18: Asia-Pacific RO Membrane Desalination Sales Market Share in Value by Type in 2025
- Figure 19: Latin America RO Membrane Desalination Sales Market Share in Volume by Type in 2025
- Figure 20: Latin America RO Membrane Desalination Sales Market Share in Value by Type in 2025
- Figure 21: Middle East and Africa RO Membrane Desalination Sales Market Share in Volume by Type in 2025
- Figure 22: Middle East and Africa RO Membrane Desalination Sales Market Share in Value by Type in 2025
- Figure 23: Global Top 5 and 10 RO Membrane Desalination Players Market Share by Revenue in 2025
- Figure 24: Company Type (Tier 1, Tier 2, and Tier 3): 2021 VS 2025
- Figure 25: Ship Image
- Figure 26: Global Ship Sales YoY Growth (2021-2032) & (Tons)
- Figure 27: Sea-Based Desalination System Image
- Figure 28: Global Sea-Based Desalination System Sales YoY Growth (2021-2032) & (Tons)
- Figure 29: Land-Based Desalination System Image
- Figure 30: Global Land-Based Desalination System Sales YoY Growth (2021-2032) & (Tons)
- Figure 31: Others Image
- Figure 32: Global Others Sales YoY Growth (2021-2032) & (Tons)
- Figure 33: Global RO Membrane Desalination Market Size Overview by Application (2021-2032) & (US\$ Million)
- Figure 34: Global RO Membrane Desalination Market Share by Application 2025 VS 2032
- Figure 35: North America RO Membrane Desalination Sales Market Share in Volume by Application in 2025
- Figure 36: North America RO Membrane Desalination Sales Market Share in Value by Application in 2025
- Figure 37: Europe RO Membrane Desalination Sales Market Share in Volume by Application in 2025
- Figure 38: Europe RO Membrane Desalination Sales Market Share in Value by Application in 2025
- Figure 39: Asia-Pacific RO Membrane Desalination Sales Market Share in Volume by Application in 2025
- Figure 40: Asia-Pacific RO Membrane Desalination Sales Market Share in Value by Application in 2025

- Figure 41: Latin America RO Membrane Desalination Sales Market Share in Volume by Application in 2025
- Figure 42: Latin America RO Membrane Desalination Sales Market Share in Value by Application in 2025
- Figure 43: Middle East and Africa RO Membrane Desalination Sales Market Share in Volume by Application in 2025
- Figure 44: Middle East and Africa RO Membrane Desalination Sales Market Share in Value by Application in 2025
- Figure 45: North America RO Membrane Desalination Sales by Country: 2021 VS 2025 VS 2032 (Tons)
- Figure 46: North America RO Membrane Desalination Sales Share by Country: 2021 VS 2025 VS 2032
- Figure 47: North America RO Membrane Desalination Market Size by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 48: North America RO Membrane Desalination Market Share by Country: 2021 VS 2025 VS 2032
- Figure 49: Europe RO Membrane Desalination Sales by Country: 2021 VS 2025 VS 2032 (Tons)
- Figure 50: Europe RO Membrane Desalination Sales Share by Country: 2021 VS 2025 VS 2032
- Figure 51: Europe RO Membrane Desalination Market Size by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 52: Europe RO Membrane Desalination Market Share by Country: 2021 VS 2025 VS 2032
- Figure 53: Asia-Pacific RO Membrane Desalination Sales by Country: 2021 VS 2025 VS 2032 (Tons)
- Figure 54: Asia-Pacific RO Membrane Desalination Sales Share by Country: 2021 VS 2025 VS 2032
- Figure 55: Asia-Pacific RO Membrane Desalination Market Size by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 56: Asia-Pacific RO Membrane Desalination Market Share by Country: 2021 VS 2025 VS 2032
- Figure 57: Latin America RO Membrane Desalination Sales by Country: 2021 VS 2025 VS 2032 (Tons)
- Figure 58: Latin America RO Membrane Desalination Sales Share by Country: 2021 VS 2025 VS 2032
- Figure 59: Latin America RO Membrane Desalination Market Size by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 60: Latin America RO Membrane Desalination Market Share by Country: 2021 VS 2025 VS 2032
- Figure 61: Middle East and Africa RO Membrane Desalination Sales by Country: 2021 VS 2025 VS 2032 (Tons)
- Figure 62: Middle East and Africa RO Membrane Desalination Sales Share by Country: 2021 VS 2025 VS 2032
- Figure 63: Middle East and Africa RO Membrane Desalination Market Size by Country: 2021 VS 2025 VS 2032 (US\$ Million)
- Figure 64: Middle East and Africa RO Membrane Desalination Market Share by Country: 2021 VS 2025 VS 2032
- Figure 65: RO Membrane Desalination Value Chain
- Figure 66: Key Raw Materials Price
- Figure 67: Manufacturing Cost Structure
- Figure 68: RO Membrane Desalination Production Mode & Process
- Figure 69: Direct Comparison with Distribution Share
- Figure 70: Distributors Profiles
- Figure 71: Years Considered
- Figure 72: Research Process
- Figure 73: Key Executives Interviewed