

# Global RO Membrane Element Supply, Demand and Key Producers, 2024-2030

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#### **Abstracts**

The global RO Membrane Element market size is expected to reach \$ million by 2030, rising at a market growth of % CAGR during the forecast period (2024-2030).

An RO (Reverse Osmosis) membrane element is a critical component of a reverse osmosis system. It is a thin, semi-permeable membrane that is responsible for the separation and filtration of water molecules and other impurities during the reverse osmosis process. The RO membrane element is typically made up of multiple layers of specialized polymeric material. These layers consist of tiny pores that allow water molecules to pass through while blocking and rejecting various contaminants and dissolved solids, including salts, minerals, bacteria, viruses, and other potentially harmful substances. During the reverse osmosis process, water is forced under pressure against the surface of the RO membrane. The small pores in the membrane selectively allow pure water molecules to permeate through, while rejecting or removing the majority of dissolved solids and contaminants present in the feedwater. This separation process results in the production of clean, purified water.RO membrane elements are available in various sizes and configurations to cater to different water treatment needs. They are commonly used in residential, commercial, and industrial reverse osmosis systems to produce high-quality drinking water, as well as in applications such as desalination, wastewater treatment, and water purification in various industries. Regular maintenance and periodic replacement of the RO membrane element are essential to ensure optimal performance and efficiency of the reverse osmosis system.

This report studies the global RO Membrane Element production, demand, key manufacturers, and key regions.

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



Membrane Element, and provides market size (US\$ million) and Year-over-Year (YoY) Growth, considering 2023 as the base year. This report explores demand trends and competition, as well as details the characteristics of RO Membrane Element that contribute to its increasing demand across many markets.

Highlights and key features of the study

Global RO Membrane Element total production and demand, 2019-2030, (K Units)

Global RO Membrane Element total production value, 2019-2030, (USD Million)

Global RO Membrane Element production by region & country, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global RO Membrane Element consumption by region & country, CAGR, 2019-2030 & (K Units)

U.S. VS China: RO Membrane Element domestic production, consumption, key domestic manufacturers and share

Global RO Membrane Element production by manufacturer, production, price, value and market share 2019-2024, (USD Million) & (K Units)

Global RO Membrane Element production by Type, production, value, CAGR, 2019-2030, (USD Million) & (K Units)

Global RO Membrane Element production by Application production, value, CAGR, 2019-2030, (USD Million) & (K Units).

This reports profiles key players in the global RO Membrane Element 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 Dow, Toray, Dupont, Nitto, LG, WALCHIN, Bluestar, EMATE Group and Wuhan NANOVELA Membrane Technology, 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 RO Membrane Element market.

Detailed Segmentation:

Each section contains quantitative market data including market by value (US\$ Millions), volume (production, consumption) & (K Units) and average price (US\$/Unit) by manufacturer, by Type, and by Application. Data is given for the years 2019-2030 by year with 2023 as the base year, 2024 as the estimate year, and 2025-2030 as the

forecast year. Global RO Membrane Element Market, By Region: **United States** China Europe Japan South Korea **ASEAN** India Rest of World Global RO Membrane Element Market, Segmentation by Type Industrial Membrane Element Residential Membrane Element

Commercial Membrane Element

Sea Water Membrane Element



# Global RO Membrane Element Market, Segmentation by Application

	Electric Power	
	Petrochemical	
	Steel	
	Electron	
	Medicine	
	Food and Drink	
	Municipal Administration and Environmental Protection	
	Others	
Companies Profiled:		
	Dow	
	Toray	
	Dupont	
	Nitto	
	LG	
	WALCHIN	
	Bluestar	
	EMATE Group	
	Wuhan NANOVELA Membrane Technology	



**Kovalus Separation Solutions** 

Vontron		
Hunan Aowei Technology		
OriginWater		
KeenSen Technology		
Beijing Haideneng		
Sinomemb		
Sinochem		
Fujian Huamo Environmental Protection		
Jozzon membrane technology		
Suzhou Runmo Water Treatment Technology		
RisingSun Membrane		
HID Membrane		
Hiton		
Key Questions Answered		
1. How big is the global RO Membrane Element market?		
2. What is the demand of the global RO Membrane Element market?		
3. What is the year over year growth of the global RO Membrane Element market?		

4. What is the production and production value of the global RO Membrane Element

market?



5. Who are the key producers in the global RO Membrane Element market?



#### **Contents**

#### 1 SUPPLY SUMMARY

- 1.1 RO Membrane Element Introduction
- 1.2 World RO Membrane Element Supply & Forecast
  - 1.2.1 World RO Membrane Element Production Value (2019 & 2023 & 2030)
  - 1.2.2 World RO Membrane Element Production (2019-2030)
  - 1.2.3 World RO Membrane Element Pricing Trends (2019-2030)
- 1.3 World RO Membrane Element Production by Region (Based on Production Site)
  - 1.3.1 World RO Membrane Element Production Value by Region (2019-2030)
  - 1.3.2 World RO Membrane Element Production by Region (2019-2030)
  - 1.3.3 World RO Membrane Element Average Price by Region (2019-2030)
  - 1.3.4 North America RO Membrane Element Production (2019-2030)
  - 1.3.5 Europe RO Membrane Element Production (2019-2030)
  - 1.3.6 China RO Membrane Element Production (2019-2030)
- 1.3.7 Japan RO Membrane Element Production (2019-2030)
- 1.4 Market Drivers, Restraints and Trends
  - 1.4.1 RO Membrane Element Market Drivers
  - 1.4.2 Factors Affecting Demand
  - 1.4.3 RO Membrane Element Major Market Trends

#### **2 DEMAND SUMMARY**

- 2.1 World RO Membrane Element Demand (2019-2030)
- 2.2 World RO Membrane Element Consumption by Region
- 2.2.1 World RO Membrane Element Consumption by Region (2019-2024)
- 2.2.2 World RO Membrane Element Consumption Forecast by Region (2025-2030)
- 2.3 United States RO Membrane Element Consumption (2019-2030)
- 2.4 China RO Membrane Element Consumption (2019-2030)
- 2.5 Europe RO Membrane Element Consumption (2019-2030)
- 2.6 Japan RO Membrane Element Consumption (2019-2030)
- 2.7 South Korea RO Membrane Element Consumption (2019-2030)
- 2.8 ASEAN RO Membrane Element Consumption (2019-2030)
- 2.9 India RO Membrane Element Consumption (2019-2030)

# 3 WORLD RO MEMBRANE ELEMENT MANUFACTURERS COMPETITIVE ANALYSIS



- 3.1 World RO Membrane Element Production Value by Manufacturer (2019-2024)
- 3.2 World RO Membrane Element Production by Manufacturer (2019-2024)
- 3.3 World RO Membrane Element Average Price by Manufacturer (2019-2024)
- 3.4 RO Membrane Element Company Evaluation Quadrant
- 3.5 Industry Rank and Concentration Rate (CR)
- 3.5.1 Global RO Membrane Element Industry Rank of Major Manufacturers
- 3.5.2 Global Concentration Ratios (CR4) for RO Membrane Element in 2023
- 3.5.3 Global Concentration Ratios (CR8) for RO Membrane Element in 2023
- 3.6 RO Membrane Element Market: Overall Company Footprint Analysis
  - 3.6.1 RO Membrane Element Market: Region Footprint
  - 3.6.2 RO Membrane Element Market: Company Product Type Footprint
  - 3.6.3 RO Membrane Element Market: Company Product Application Footprint
- 3.7 Competitive Environment
  - 3.7.1 Historical Structure of the Industry
  - 3.7.2 Barriers of Market Entry
  - 3.7.3 Factors of Competition
- 3.8 New Entrant and Capacity Expansion Plans
- 3.9 Mergers, Acquisition, Agreements, and Collaborations

#### 4 UNITED STATES VS CHINA VS REST OF THE WORLD

- 4.1 United States VS China: RO Membrane Element Production Value Comparison
- 4.1.1 United States VS China: RO Membrane Element Production Value Comparison (2019 & 2023 & 2030)
- 4.1.2 United States VS China: RO Membrane Element Production Value Market Share Comparison (2019 & 2023 & 2030)
- 4.2 United States VS China: RO Membrane Element Production Comparison
- 4.2.1 United States VS China: RO Membrane Element Production Comparison (2019 & 2023 & 2030)
- 4.2.2 United States VS China: RO Membrane Element Production Market Share Comparison (2019 & 2023 & 2030)
- 4.3 United States VS China: RO Membrane Element Consumption Comparison
- 4.3.1 United States VS China: RO Membrane Element Consumption Comparison (2019 & 2023 & 2030)
- 4.3.2 United States VS China: RO Membrane Element Consumption Market Share Comparison (2019 & 2023 & 2030)
- 4.4 United States Based RO Membrane Element Manufacturers and Market Share, 2019-2024
- 4.4.1 United States Based RO Membrane Element Manufacturers, Headquarters and



Production Site (States, Country)

- 4.4.2 United States Based Manufacturers RO Membrane Element Production Value (2019-2024)
- 4.4.3 United States Based Manufacturers RO Membrane Element Production (2019-2024)
- 4.5 China Based RO Membrane Element Manufacturers and Market Share
- 4.5.1 China Based RO Membrane Element Manufacturers, Headquarters and Production Site (Province, Country)
- 4.5.2 China Based Manufacturers RO Membrane Element Production Value (2019-2024)
- 4.5.3 China Based Manufacturers RO Membrane Element Production (2019-2024)
- 4.6 Rest of World Based RO Membrane Element Manufacturers and Market Share, 2019-2024
- 4.6.1 Rest of World Based RO Membrane Element Manufacturers, Headquarters and Production Site (State, Country)
- 4.6.2 Rest of World Based Manufacturers RO Membrane Element Production Value (2019-2024)
- 4.6.3 Rest of World Based Manufacturers RO Membrane Element Production (2019-2024)

#### **5 MARKET ANALYSIS BY TYPE**

- 5.1 World RO Membrane Element Market Size Overview by Type: 2019 VS 2023 VS 2030
- 5.2 Segment Introduction by Type
  - 5.2.1 Industrial Membrane Element
  - 5.2.2 Residential Membrane Element
  - 5.2.3 Commercial Membrane Element
- 5.2.4 Sea Water Membrane Element
- 5.3 Market Segment by Type
  - 5.3.1 World RO Membrane Element Production by Type (2019-2030)
- 5.3.2 World RO Membrane Element Production Value by Type (2019-2030)
- 5.3.3 World RO Membrane Element Average Price by Type (2019-2030)

#### **6 MARKET ANALYSIS BY APPLICATION**

- 6.1 World RO Membrane Element Market Size Overview by Application: 2019 VS 2023 VS 2030
- 6.2 Segment Introduction by Application



- 6.2.1 Electric Power
- 6.2.2 Petrochemical
- 6.2.3 Steel
- 6.2.4 Electron
- 6.2.5 Medicine
- 6.2.6 Food and Drink
- 6.2.7 Municipal Administration and Environmental Protection
- 6.2.8 Others
- 6.3 Market Segment by Application
  - 6.3.1 World RO Membrane Element Production by Application (2019-2030)
  - 6.3.2 World RO Membrane Element Production Value by Application (2019-2030)
- 6.3.3 World RO Membrane Element Average Price by Application (2019-2030)

#### **7 COMPANY PROFILES**

- 7.1 Dow
  - 7.1.1 Dow Details
  - 7.1.2 Dow Major Business
  - 7.1.3 Dow RO Membrane Element Product and Services
- 7.1.4 Dow RO Membrane Element Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.1.5 Dow Recent Developments/Updates
  - 7.1.6 Dow Competitive Strengths & Weaknesses
- 7.2 Toray
  - 7.2.1 Toray Details
  - 7.2.2 Toray Major Business
  - 7.2.3 Toray RO Membrane Element Product and Services
- 7.2.4 Toray RO Membrane Element Production, Price, Value, Gross Margin and Market Share (2019-2024)
- Warket Share (2010 2021)
  - 7.2.5 Toray Recent Developments/Updates
- 7.2.6 Toray Competitive Strengths & Weaknesses
- 7.3 Dupont
  - 7.3.1 Dupont Details
  - 7.3.2 Dupont Major Business
  - 7.3.3 Dupont RO Membrane Element Product and Services
- 7.3.4 Dupont RO Membrane Element Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.3.5 Dupont Recent Developments/Updates
  - 7.3.6 Dupont Competitive Strengths & Weaknesses



- 7.4 Nitto
  - 7.4.1 Nitto Details
  - 7.4.2 Nitto Major Business
  - 7.4.3 Nitto RO Membrane Element Product and Services
- 7.4.4 Nitto RO Membrane Element Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.4.5 Nitto Recent Developments/Updates
  - 7.4.6 Nitto Competitive Strengths & Weaknesses
- 7.5 LG
  - 7.5.1 LG Details
  - 7.5.2 LG Major Business
- 7.5.3 LG RO Membrane Element Product and Services
- 7.5.4 LG RO Membrane Element Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.5.5 LG Recent Developments/Updates
  - 7.5.6 LG Competitive Strengths & Weaknesses
- 7.6 WALCHIN
  - 7.6.1 WALCHIN Details
  - 7.6.2 WALCHIN Major Business
  - 7.6.3 WALCHIN RO Membrane Element Product and Services
- 7.6.4 WALCHIN RO Membrane Element Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.6.5 WALCHIN Recent Developments/Updates
  - 7.6.6 WALCHIN Competitive Strengths & Weaknesses
- 7.7 Bluestar
  - 7.7.1 Bluestar Details
  - 7.7.2 Bluestar Major Business
  - 7.7.3 Bluestar RO Membrane Element Product and Services
- 7.7.4 Bluestar RO Membrane Element Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.7.5 Bluestar Recent Developments/Updates
  - 7.7.6 Bluestar Competitive Strengths & Weaknesses
- 7.8 EMATE Group
  - 7.8.1 EMATE Group Details
  - 7.8.2 EMATE Group Major Business
  - 7.8.3 EMATE Group RO Membrane Element Product and Services
- 7.8.4 EMATE Group RO Membrane Element Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.8.5 EMATE Group Recent Developments/Updates



- 7.8.6 EMATE Group Competitive Strengths & Weaknesses
- 7.9 Wuhan NANOVELA Membrane Technology
  - 7.9.1 Wuhan NANOVELA Membrane Technology Details
  - 7.9.2 Wuhan NANOVELA Membrane Technology Major Business
- 7.9.3 Wuhan NANOVELA Membrane Technology RO Membrane Element Product and Services
- 7.9.4 Wuhan NANOVELA Membrane Technology RO Membrane Element Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.9.5 Wuhan NANOVELA Membrane Technology Recent Developments/Updates
- 7.9.6 Wuhan NANOVELA Membrane Technology Competitive Strengths &

#### Weaknesses

- 7.10 Kovalus Separation Solutions
  - 7.10.1 Kovalus Separation Solutions Details
- 7.10.2 Kovalus Separation Solutions Major Business
- 7.10.3 Kovalus Separation Solutions RO Membrane Element Product and Services
- 7.10.4 Kovalus Separation Solutions RO Membrane Element Production, Price, Value, Gross Margin and Market Share (2019-2024)
- 7.10.5 Kovalus Separation Solutions Recent Developments/Updates
- 7.10.6 Kovalus Separation Solutions Competitive Strengths & Weaknesses
- 7.11 Vontron
  - 7.11.1 Vontron Details
  - 7.11.2 Vontron Major Business
  - 7.11.3 Vontron RO Membrane Element Product and Services
- 7.11.4 Vontron RO Membrane Element Production, Price, Value, Gross Margin and Market Share (2019-2024)
- 7.11.5 Vontron Recent Developments/Updates
- 7.11.6 Vontron Competitive Strengths & Weaknesses
- 7.12 Hunan Aowei Technology
  - 7.12.1 Hunan Aowei Technology Details
  - 7.12.2 Hunan Aowei Technology Major Business
  - 7.12.3 Hunan Aowei Technology RO Membrane Element Product and Services
- 7.12.4 Hunan Aowei Technology RO Membrane Element Production, Price, Value,

## Gross Margin and Market Share (2019-2024)

- 7.12.5 Hunan Aowei Technology Recent Developments/Updates
- 7.12.6 Hunan Aowei Technology Competitive Strengths & Weaknesses
- 7.13 OriginWater
  - 7.13.1 OriginWater Details
  - 7.13.2 OriginWater Major Business
  - 7.13.3 OriginWater RO Membrane Element Product and Services



- 7.13.4 OriginWater RO Membrane Element Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.13.5 OriginWater Recent Developments/Updates
  - 7.13.6 OriginWater Competitive Strengths & Weaknesses
- 7.14 KeenSen Technology
  - 7.14.1 KeenSen Technology Details
  - 7.14.2 KeenSen Technology Major Business
  - 7.14.3 KeenSen Technology RO Membrane Element Product and Services
- 7.14.4 KeenSen Technology RO Membrane Element Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.14.5 KeenSen Technology Recent Developments/Updates
  - 7.14.6 KeenSen Technology Competitive Strengths & Weaknesses
- 7.15 Beijing Haideneng
  - 7.15.1 Beijing Haideneng Details
  - 7.15.2 Beijing Haideneng Major Business
  - 7.15.3 Beijing Haideneng RO Membrane Element Product and Services
- 7.15.4 Beijing Haideneng RO Membrane Element Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.15.5 Beijing Haideneng Recent Developments/Updates
  - 7.15.6 Beijing Haideneng Competitive Strengths & Weaknesses
- 7.16 Sinomemb
  - 7.16.1 Sinomemb Details
  - 7.16.2 Sinomemb Major Business
  - 7.16.3 Sinomemb RO Membrane Element Product and Services
- 7.16.4 Sinomemb RO Membrane Element Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.16.5 Sinomemb Recent Developments/Updates
  - 7.16.6 Sinomemb Competitive Strengths & Weaknesses
- 7.17 Sinochem
  - 7.17.1 Sinochem Details
  - 7.17.2 Sinochem Major Business
  - 7.17.3 Sinochem RO Membrane Element Product and Services
- 7.17.4 Sinochem RO Membrane Element Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.17.5 Sinochem Recent Developments/Updates
  - 7.17.6 Sinochem Competitive Strengths & Weaknesses
- 7.18 Fujian Huamo Environmental Protection
- 7.18.1 Fujian Huamo Environmental Protection Details
- 7.18.2 Fujian Huamo Environmental Protection Major Business



- 7.18.3 Fujian Huamo Environmental Protection RO Membrane Element Product and Services
- 7.18.4 Fujian Huamo Environmental Protection RO Membrane Element Production, Price, Value, Gross Margin and Market Share (2019-2024)
- 7.18.5 Fujian Huamo Environmental Protection Recent Developments/Updates
- 7.18.6 Fujian Huamo Environmental Protection Competitive Strengths & Weaknesses
- 7.19 Jozzon membrane technology
  - 7.19.1 Jozzon membrane technology Details
  - 7.19.2 Jozzon membrane technology Major Business
  - 7.19.3 Jozzon membrane technology RO Membrane Element Product and Services
  - 7.19.4 Jozzon membrane technology RO Membrane Element Production, Price,

Value, Gross Margin and Market Share (2019-2024)

- 7.19.5 Jozzon membrane technology Recent Developments/Updates
- 7.19.6 Jozzon membrane technology Competitive Strengths & Weaknesses
- 7.20 Suzhou Runmo Water Treatment Technology
  - 7.20.1 Suzhou Runmo Water Treatment Technology Details
  - 7.20.2 Suzhou Runmo Water Treatment Technology Major Business
- 7.20.3 Suzhou Runmo Water Treatment Technology RO Membrane Element Product and Services
- 7.20.4 Suzhou Runmo Water Treatment Technology RO Membrane Element Production, Price, Value, Gross Margin and Market Share (2019-2024)
- 7.20.5 Suzhou Runmo Water Treatment Technology Recent Developments/Updates
- 7.20.6 Suzhou Runmo Water Treatment Technology Competitive Strengths &

#### Weaknesses

- 7.21 RisingSun Membrane
  - 7.21.1 RisingSun Membrane Details
  - 7.21.2 RisingSun Membrane Major Business
  - 7.21.3 RisingSun Membrane RO Membrane Element Product and Services
- 7.21.4 RisingSun Membrane RO Membrane Element Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.21.5 RisingSun Membrane Recent Developments/Updates
  - 7.21.6 RisingSun Membrane Competitive Strengths & Weaknesses
- 7.22 HID Membrane
  - 7.22.1 HID Membrane Details
  - 7.22.2 HID Membrane Major Business
  - 7.22.3 HID Membrane RO Membrane Element Product and Services
- 7.22.4 HID Membrane RO Membrane Element Production, Price, Value, Gross Margin and Market Share (2019-2024)
  - 7.22.5 HID Membrane Recent Developments/Updates



#### 7.22.6 HID Membrane Competitive Strengths & Weaknesses

#### 7.23 Hiton

- 7.23.1 Hiton Details
- 7.23.2 Hiton Major Business
- 7.23.3 Hiton RO Membrane Element Product and Services
- 7.23.4 Hiton RO Membrane Element Production, Price, Value, Gross Margin and

#### Market Share (2019-2024)

- 7.23.5 Hiton Recent Developments/Updates
- 7.23.6 Hiton Competitive Strengths & Weaknesses

#### **8 INDUSTRY CHAIN ANALYSIS**

- 8.1 RO Membrane Element Industry Chain
- 8.2 RO Membrane Element Upstream Analysis
  - 8.2.1 RO Membrane Element Core Raw Materials
  - 8.2.2 Main Manufacturers of RO Membrane Element Core Raw Materials
- 8.3 Midstream Analysis
- 8.4 Downstream Analysis
- 8.5 RO Membrane Element Production Mode
- 8.6 RO Membrane Element Procurement Model
- 8.7 RO Membrane Element Industry Sales Model and Sales Channels
  - 8.7.1 RO Membrane Element Sales Model
  - 8.7.2 RO Membrane Element Typical Customers

#### 9 RESEARCH FINDINGS AND CONCLUSION

#### **10 APPENDIX**

- 10.1 Methodology
- 10.2 Research Process and Data Source
- 10.3 Disclaimer



### **List Of Tables**

#### LIST OF TABLES

- Table 1. World RO Membrane Element Production Value by Region (2019, 2023 and 2030) & (USD Million)
- Table 2. World RO Membrane Element Production Value by Region (2019-2024) & (USD Million)
- Table 3. World RO Membrane Element Production Value by Region (2025-2030) & (USD Million)
- Table 4. World RO Membrane Element Production Value Market Share by Region (2019-2024)
- Table 5. World RO Membrane Element Production Value Market Share by Region (2025-2030)
- Table 6. World RO Membrane Element Production by Region (2019-2024) & (K Units)
- Table 7. World RO Membrane Element Production by Region (2025-2030) & (K Units)
- Table 8. World RO Membrane Element Production Market Share by Region (2019-2024)
- Table 9. World RO Membrane Element Production Market Share by Region (2025-2030)
- Table 10. World RO Membrane Element Average Price by Region (2019-2024) & (US\$/Unit)
- Table 11. World RO Membrane Element Average Price by Region (2025-2030) & (US\$/Unit)
- Table 12. RO Membrane Element Major Market Trends
- Table 13. World RO Membrane Element Consumption Growth Rate Forecast by Region (2019 & 2023 & 2030) & (K Units)
- Table 14. World RO Membrane Element Consumption by Region (2019-2024) & (K Units)
- Table 15. World RO Membrane Element Consumption Forecast by Region (2025-2030) & (K Units)
- Table 16. World RO Membrane Element Production Value by Manufacturer (2019-2024) & (USD Million)
- Table 17. Production Value Market Share of Key RO Membrane Element Producers in 2023
- Table 18. World RO Membrane Element Production by Manufacturer (2019-2024) & (K Units)
- Table 19. Production Market Share of Key RO Membrane Element Producers in 2023
- Table 20. World RO Membrane Element Average Price by Manufacturer (2019-2024) &



#### (US\$/Unit)

- Table 21. Global RO Membrane Element Company Evaluation Quadrant
- Table 22. World RO Membrane Element Industry Rank of Major Manufacturers, Based on Production Value in 2023
- Table 23. Head Office and RO Membrane Element Production Site of Key Manufacturer
- Table 24. RO Membrane Element Market: Company Product Type Footprint
- Table 25. RO Membrane Element Market: Company Product Application Footprint
- Table 26. RO Membrane Element Competitive Factors
- Table 27. RO Membrane Element New Entrant and Capacity Expansion Plans
- Table 28. RO Membrane Element Mergers & Acquisitions Activity
- Table 29. United States VS China RO Membrane Element Production Value Comparison, (2019 & 2023 & 2030) & (USD Million)
- Table 30. United States VS China RO Membrane Element Production Comparison, (2019 & 2023 & 2030) & (K Units)
- Table 31. United States VS China RO Membrane Element Consumption Comparison, (2019 & 2023 & 2030) & (K Units)
- Table 32. United States Based RO Membrane Element Manufacturers, Headquarters and Production Site (States, Country)
- Table 33. United States Based Manufacturers RO Membrane Element Production Value, (2019-2024) & (USD Million)
- Table 34. United States Based Manufacturers RO Membrane Element Production Value Market Share (2019-2024)
- Table 35. United States Based Manufacturers RO Membrane Element Production (2019-2024) & (K Units)
- Table 36. United States Based Manufacturers RO Membrane Element Production Market Share (2019-2024)
- Table 37. China Based RO Membrane Element Manufacturers, Headquarters and Production Site (Province, Country)
- Table 38. China Based Manufacturers RO Membrane Element Production Value, (2019-2024) & (USD Million)
- Table 39. China Based Manufacturers RO Membrane Element Production Value Market Share (2019-2024)
- Table 40. China Based Manufacturers RO Membrane Element Production (2019-2024) & (K Units)
- Table 41. China Based Manufacturers RO Membrane Element Production Market Share (2019-2024)
- Table 42. Rest of World Based RO Membrane Element Manufacturers, Headquarters and Production Site (States, Country)
- Table 43. Rest of World Based Manufacturers RO Membrane Element Production



Value, (2019-2024) & (USD Million)

Table 44. Rest of World Based Manufacturers RO Membrane Element Production Value Market Share (2019-2024)

Table 45. Rest of World Based Manufacturers RO Membrane Element Production (2019-2024) & (K Units)

Table 46. Rest of World Based Manufacturers RO Membrane Element Production Market Share (2019-2024)

Table 47. World RO Membrane Element Production Value by Type, (USD Million), 2019 & 2023 & 2030

Table 48. World RO Membrane Element Production by Type (2019-2024) & (K Units)

Table 49. World RO Membrane Element Production by Type (2025-2030) & (K Units)

Table 50. World RO Membrane Element Production Value by Type (2019-2024) & (USD Million)

Table 51. World RO Membrane Element Production Value by Type (2025-2030) & (USD Million)

Table 52. World RO Membrane Element Average Price by Type (2019-2024) & (US\$/Unit)

Table 53. World RO Membrane Element Average Price by Type (2025-2030) & (US\$/Unit)

Table 54. World RO Membrane Element Production Value by Application, (USD Million), 2019 & 2023 & 2030

Table 55. World RO Membrane Element Production by Application (2019-2024) & (K Units)

Table 56. World RO Membrane Element Production by Application (2025-2030) & (K Units)

Table 57. World RO Membrane Element Production Value by Application (2019-2024) & (USD Million)

Table 58. World RO Membrane Element Production Value by Application (2025-2030) & (USD Million)

Table 59. World RO Membrane Element Average Price by Application (2019-2024) & (US\$/Unit)

Table 60. World RO Membrane Element Average Price by Application (2025-2030) & (US\$/Unit)

Table 61. Dow Basic Information, Manufacturing Base and Competitors

Table 62. Dow Major Business

Table 63. Dow RO Membrane Element Product and Services

Table 64. Dow RO Membrane Element Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 65. Dow Recent Developments/Updates



- Table 66. Dow Competitive Strengths & Weaknesses
- Table 67. Toray Basic Information, Manufacturing Base and Competitors
- Table 68. Toray Major Business
- Table 69. Toray RO Membrane Element Product and Services
- Table 70. Toray RO Membrane Element Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 71. Toray Recent Developments/Updates
- Table 72. Toray Competitive Strengths & Weaknesses
- Table 73. Dupont Basic Information, Manufacturing Base and Competitors
- Table 74. Dupont Major Business
- Table 75. Dupont RO Membrane Element Product and Services
- Table 76. Dupont RO Membrane Element Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 77. Dupont Recent Developments/Updates
- Table 78. Dupont Competitive Strengths & Weaknesses
- Table 79. Nitto Basic Information, Manufacturing Base and Competitors
- Table 80. Nitto Major Business
- Table 81. Nitto RO Membrane Element Product and Services
- Table 82. Nitto RO Membrane Element Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 83. Nitto Recent Developments/Updates
- Table 84. Nitto Competitive Strengths & Weaknesses
- Table 85. LG Basic Information, Manufacturing Base and Competitors
- Table 86. LG Major Business
- Table 87. LG RO Membrane Element Product and Services
- Table 88. LG RO Membrane Element Production (K Units), Price (US\$/Unit), Production
- Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 89. LG Recent Developments/Updates
- Table 90. LG Competitive Strengths & Weaknesses
- Table 91. WALCHIN Basic Information, Manufacturing Base and Competitors
- Table 92. WALCHIN Major Business
- Table 93. WALCHIN RO Membrane Element Product and Services
- Table 94. WALCHIN RO Membrane Element Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 95. WALCHIN Recent Developments/Updates
- Table 96. WALCHIN Competitive Strengths & Weaknesses
- Table 97. Bluestar Basic Information, Manufacturing Base and Competitors
- Table 98. Bluestar Major Business
- Table 99. Bluestar RO Membrane Element Product and Services



- Table 100. Bluestar RO Membrane Element Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 101. Bluestar Recent Developments/Updates
- Table 102. Bluestar Competitive Strengths & Weaknesses
- Table 103. EMATE Group Basic Information, Manufacturing Base and Competitors
- Table 104. EMATE Group Major Business
- Table 105. EMATE Group RO Membrane Element Product and Services
- Table 106. EMATE Group RO Membrane Element Production (K Units), Price
- (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 107. EMATE Group Recent Developments/Updates
- Table 108. EMATE Group Competitive Strengths & Weaknesses
- Table 109. Wuhan NANOVELA Membrane Technology Basic Information,
- Manufacturing Base and Competitors
- Table 110. Wuhan NANOVELA Membrane Technology Major Business
- Table 111. Wuhan NANOVELA Membrane Technology RO Membrane Element Product and Services
- Table 112. Wuhan NANOVELA Membrane Technology RO Membrane Element Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 113. Wuhan NANOVELA Membrane Technology Recent Developments/Updates
- Table 114. Wuhan NANOVELA Membrane Technology Competitive Strengths & Weaknesses
- Table 115. Kovalus Separation Solutions Basic Information, Manufacturing Base and Competitors
- Table 116. Kovalus Separation Solutions Major Business
- Table 117. Kovalus Separation Solutions RO Membrane Element Product and Services
- Table 118. Kovalus Separation Solutions RO Membrane Element Production (K Units),
- Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 119. Kovalus Separation Solutions Recent Developments/Updates
- Table 120. Kovalus Separation Solutions Competitive Strengths & Weaknesses
- Table 121. Vontron Basic Information, Manufacturing Base and Competitors
- Table 122. Vontron Major Business
- Table 123. Vontron RO Membrane Element Product and Services
- Table 124. Vontron RO Membrane Element Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 125. Vontron Recent Developments/Updates
- Table 126. Vontron Competitive Strengths & Weaknesses



- Table 127. Hunan Aowei Technology Basic Information, Manufacturing Base and Competitors
- Table 128. Hunan Aowei Technology Major Business
- Table 129. Hunan Aowei Technology RO Membrane Element Product and Services
- Table 130. Hunan Aowei Technology RO Membrane Element Production (K Units),
- Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 131. Hunan Aowei Technology Recent Developments/Updates
- Table 132. Hunan Aowei Technology Competitive Strengths & Weaknesses
- Table 133. OriginWater Basic Information, Manufacturing Base and Competitors
- Table 134. OriginWater Major Business
- Table 135. OriginWater RO Membrane Element Product and Services
- Table 136. OriginWater RO Membrane Element Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 137. OriginWater Recent Developments/Updates
- Table 138. OriginWater Competitive Strengths & Weaknesses
- Table 139. KeenSen Technology Basic Information, Manufacturing Base and Competitors
- Table 140. KeenSen Technology Major Business
- Table 141. KeenSen Technology RO Membrane Element Product and Services
- Table 142. KeenSen Technology RO Membrane Element Production (K Units), Price
- (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 143. KeenSen Technology Recent Developments/Updates
- Table 144. KeenSen Technology Competitive Strengths & Weaknesses
- Table 145. Beijing Haideneng Basic Information, Manufacturing Base and Competitors
- Table 146. Beijing Haideneng Major Business
- Table 147. Beijing Haideneng RO Membrane Element Product and Services
- Table 148. Beijing Haideneng RO Membrane Element Production (K Units), Price
- (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 149. Beijing Haideneng Recent Developments/Updates
- Table 150. Beijing Haideneng Competitive Strengths & Weaknesses
- Table 151. Sinomemb Basic Information, Manufacturing Base and Competitors
- Table 152. Sinomemb Major Business
- Table 153. Sinomemb RO Membrane Element Product and Services
- Table 154. Sinomemb RO Membrane Element Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 155. Sinomemb Recent Developments/Updates



- Table 156. Sinomemb Competitive Strengths & Weaknesses
- Table 157. Sinochem Basic Information, Manufacturing Base and Competitors
- Table 158. Sinochem Major Business
- Table 159. Sinochem RO Membrane Element Product and Services
- Table 160. Sinochem RO Membrane Element Production (K Units), Price (US\$/Unit),
- Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 161. Sinochem Recent Developments/Updates
- Table 162. Sinochem Competitive Strengths & Weaknesses
- Table 163. Fujian Huamo Environmental Protection Basic Information, Manufacturing Base and Competitors
- Table 164. Fujian Huamo Environmental Protection Major Business
- Table 165. Fujian Huamo Environmental Protection RO Membrane Element Product and Services
- Table 166. Fujian Huamo Environmental Protection RO Membrane Element Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 167. Fujian Huamo Environmental Protection Recent Developments/Updates
- Table 168. Fujian Huamo Environmental Protection Competitive Strengths & Weaknesses
- Table 169. Jozzon membrane technology Basic Information, Manufacturing Base and Competitors
- Table 170. Jozzon membrane technology Major Business
- Table 171. Jozzon membrane technology RO Membrane Element Product and Services
- Table 172. Jozzon membrane technology RO Membrane Element Production (K Units),
- Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 173. Jozzon membrane technology Recent Developments/Updates
- Table 174. Jozzon membrane technology Competitive Strengths & Weaknesses
- Table 175. Suzhou Runmo Water Treatment Technology Basic Information,
- Manufacturing Base and Competitors
- Table 176. Suzhou Runmo Water Treatment Technology Major Business
- Table 177. Suzhou Runmo Water Treatment Technology RO Membrane Element Product and Services
- Table 178. Suzhou Runmo Water Treatment Technology RO Membrane Element Production (K Units), Price (US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)
- Table 179. Suzhou Runmo Water Treatment Technology Recent Developments/Updates
- Table 180. Suzhou Runmo Water Treatment Technology Competitive Strengths &



#### Weaknesses

Table 181. RisingSun Membrane Basic Information, Manufacturing Base and Competitors

Table 182. RisingSun Membrane Major Business

Table 183. RisingSun Membrane RO Membrane Element Product and Services

Table 184. RisingSun Membrane RO Membrane Element Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 185. RisingSun Membrane Recent Developments/Updates

Table 186. RisingSun Membrane Competitive Strengths & Weaknesses

Table 187. HID Membrane Basic Information, Manufacturing Base and Competitors

Table 188. HID Membrane Major Business

Table 189. HID Membrane RO Membrane Element Product and Services

Table 190. HID Membrane RO Membrane Element Production (K Units), Price

(US\$/Unit), Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 191. HID Membrane Recent Developments/Updates

Table 192. Hiton Basic Information, Manufacturing Base and Competitors

Table 193. Hiton Major Business

Table 194. Hiton RO Membrane Element Product and Services

Table 195. Hiton RO Membrane Element Production (K Units), Price (US\$/Unit),

Production Value (USD Million), Gross Margin and Market Share (2019-2024)

Table 196. Global Key Players of RO Membrane Element Upstream (Raw Materials)

Table 197. RO Membrane Element Typical Customers

Table 198. RO Membrane Element Typical Distributors

#### LIST OF FIGURE

Figure 1. RO Membrane Element Picture

Figure 2. World RO Membrane Element Production Value: 2019 & 2023 & 2030, (USD Million)

Figure 3. World RO Membrane Element Production Value and Forecast (2019-2030) & (USD Million)

Figure 4. World RO Membrane Element Production (2019-2030) & (K Units)

Figure 5. World RO Membrane Element Average Price (2019-2030) & (US\$/Unit)

Figure 6. World RO Membrane Element Production Value Market Share by Region (2019-2030)

Figure 7. World RO Membrane Element Production Market Share by Region (2019-2030)



- Figure 8. North America RO Membrane Element Production (2019-2030) & (K Units)
- Figure 9. Europe RO Membrane Element Production (2019-2030) & (K Units)
- Figure 10. China RO Membrane Element Production (2019-2030) & (K Units)
- Figure 11. Japan RO Membrane Element Production (2019-2030) & (K Units)
- Figure 12. RO Membrane Element Market Drivers
- Figure 13. Factors Affecting Demand
- Figure 14. World RO Membrane Element Consumption (2019-2030) & (K Units)
- Figure 15. World RO Membrane Element Consumption Market Share by Region (2019-2030)
- Figure 16. United States RO Membrane Element Consumption (2019-2030) & (K Units)
- Figure 17. China RO Membrane Element Consumption (2019-2030) & (K Units)
- Figure 18. Europe RO Membrane Element Consumption (2019-2030) & (K Units)
- Figure 19. Japan RO Membrane Element Consumption (2019-2030) & (K Units)
- Figure 20. South Korea RO Membrane Element Consumption (2019-2030) & (K Units)
- Figure 21. ASEAN RO Membrane Element Consumption (2019-2030) & (K Units)
- Figure 22. India RO Membrane Element Consumption (2019-2030) & (K Units)
- Figure 23. Producer Shipments of RO Membrane Element by Manufacturer Revenue (\$MM) and Market Share (%): 2023
- Figure 24. Global Four-firm Concentration Ratios (CR4) for RO Membrane Element Markets in 2023
- Figure 25. Global Four-firm Concentration Ratios (CR8) for RO Membrane Element Markets in 2023
- Figure 26. United States VS China: RO Membrane Element Production Value Market Share Comparison (2019 & 2023 & 2030)
- Figure 27. United States VS China: RO Membrane Element Production Market Share Comparison (2019 & 2023 & 2030)
- Figure 28. United States VS China: RO Membrane Element Consumption Market Share Comparison (2019 & 2023 & 2030)
- Figure 29. United States Based Manufacturers RO Membrane Element Production Market Share 2023
- Figure 30. China Based Manufacturers RO Membrane Element Production Market Share 2023
- Figure 31. Rest of World Based Manufacturers RO Membrane Element Production Market Share 2023
- Figure 32. World RO Membrane Element Production Value by Type, (USD Million), 2019 & 2023 & 2030
- Figure 33. World RO Membrane Element Production Value Market Share by Type in 2023
- Figure 34. Industrial Membrane Element



Figure 35. Residential Membrane Element

Figure 36. Commercial Membrane Element

Figure 37. Sea Water Membrane Element

Figure 38. World RO Membrane Element Production Market Share by Type (2019-2030)

Figure 39. World RO Membrane Element Production Value Market Share by Type (2019-2030)

Figure 40. World RO Membrane Element Average Price by Type (2019-2030) & (US\$/Unit)

Figure 41. World RO Membrane Element Production Value by Application, (USD Million), 2019 & 2023 & 2030

Figure 42. World RO Membrane Element Production Value Market Share by Application in 2023

Figure 43. Electric Power

Figure 44. Petrochemical

Figure 45. Steel

Figure 46. Electron

Figure 47. Medicine

Figure 48. Food and Drink

Figure 49. Municipal Administration and Environmental Protection

Figure 50. Others

Figure 51. World RO Membrane Element Production Market Share by Application (2019-2030)

Figure 52. World RO Membrane Element Production Value Market Share by Application (2019-2030)

Figure 53. World RO Membrane Element Average Price by Application (2019-2030) & (US\$/Unit)

Figure 54. RO Membrane Element Industry Chain

Figure 55. RO Membrane Element Procurement Model

Figure 56. RO Membrane Element Sales Model

Figure 57. RO Membrane Element Sales Channels, Direct Sales, and Distribution

Figure 58. Methodology

Figure 59. Research Process and Data Source



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