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ANMD-MRS10-091

MEMBRANE FILTRATION UNITS

A Global Sustainability Due Diligence and Market Research Study

Shortened Table of Contents

Market Snapshot

US$ 13,500.0m 2025A market value	**US$ 14,580.0m** 2026E market value	**US$ 23,136.6m** 2032F forecast	**8.0%** CAGR 2025A to 2032F
7 regions Geographic coverage	**26 modules** Country modules	**955 exhibits** Including 129 charts	**220 + 106** Organizations and patent records
2020–2032 Historical data and forecasts		**Global** Regional and country coverage	

Report Facts

Report Attribute	Coverage
Report code	ANMD-MRS10-091 | Advanced Water Technologies
Published	September 2026
Study periods	History 2020H to 2024H | Actual 2025A | Estimate 2026E | Forecast 2027F to 2032F
Length	355 pages | 34 chapters | 7 appendices | 955 exhibits including 129 charts
Geography	7 regions | 26 country modules | Residual regional groupings
Segmentation	5 product segments (UF, MBR, MF, NF, specialty / hybrid) plus membrane material, configuration, application, end user, business model and scale overlays
Directories	220 organizations based in 26 countries | 106 patent records in 8 jurisdictions
Licences	Single-User License (SUL) | Global Corporate License (GCL)

This shortened table of contents presents the chapter architecture, main sections and selected exhibits. The detailed table of contents and sample pages are available to registered users at www.anewmarketdynamics.com.

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Part I

Study Framework, Executive Brief and Global Market

Study conventions, headline market findings, the global market model and the seven-region analytical foundation.

No.	Chapter, Main Sections and Selected Exhibits	Exhibits	Page
F	**Foreword** Purpose of the study • Product boundary and exclusions • Intended readers		
1	**About This Report** Methodology and quality control • Research protocol and evidence basis • Reader's guide and reporting conventions • Architecture, scope rules and water-technology boundary • Units, evidence grades and overlays • Double-count and synchronized release controls **Highlights** *Scope covering UF, MBR, MF, NF and specialty non-RO units | Boundary from intake through reuse or discharge, service and end-of-life*		1
2	**Executive Market Brief** Key market developments • Market in brief • Market outlook in five statements • Regional and country market outlook • Policy and classification environment • Key findings, risks and stakeholder implications **Selected exhibits** *Exhibit 1: Global — Regional Value Summary, 2025A and 2032F | Exhibit 2: Market Implications by Stakeholder Type*	2	2
3	**Executive Summary and Market Metrics Dashboard** Market metrics dashboard • Global value trajectory • Composition snapshots • Executive reading **Selected exhibits** *Exhibit 3: Global Membrane Filtration Units — Market Metrics Dashboard | Exhibit 7: Global — Product Segment — 2026E Value Share (Chart)*	6 *3 charts*	5
4	**Global Market — Dynamics, Size and Outlook** Market size and full-horizon series • Demand drivers • Market restraints • Driver and restraint balance • Scenario band • Analyst commentary **Selected exhibits** *Exhibit 11: Global — Total Market Value and Annual Growth, Panel A: 2020H–2026E (US$ Million) | Exhibit 13: Global Driver and Restraint Balance*	7 *1 chart*	8
5	**Regional Markets — Seven-region Overview** Regional dashboard • Regional value and share comparison • Regional demand character • Regional opportunity ranking • Water-stress and evidence-priority map **Selected exhibits** *Exhibit 19: Regional Share Comparison, 2025A vs 2032F (Chart) | Exhibit 21: Regional Opportunity Ranking by Forecast CAGR*	6 *2 charts*	11
6	**How to Read the Country Modules** Module structure and conventions • Full-format and consolidated modules • Data bases and rounding • Topic-specific country-module requirements **Highlights** *One uniform structure across 26 country modules | Residual groupings reported as calculated remainders*		14

Part II

Regional, Country, Segmentation and Demand Analysis

Seven-region coverage, 26 country modules, master series and the segmentation used to compare value, capacity and demand.

No.	Chapter, Main Sections and Selected Exhibits	Exhibits	Page
7	**North America — Regional Analysis and Country Modules** United States • Canada • Mexico • Rest of North America • Country comparison **Highlights** *Value, capacity and segment series for three country modules | Policy matrices covering the federal PFAS drinking-water regulation, state reuse rules and CONAGUA basin planning*	97 *13 charts*	15
8	**Europe — Regional Analysis and Country Modules** Germany • France • Netherlands • Nordics • United Kingdom • Spain • Rest of Europe • Country comparison **Highlights** *Value, capacity and segment series for six country modules | Policy matrices covering the EU Urban Wastewater Treatment Directive, the EU Water Reuse Regulation and UK AMP investment cycles*	190 *26 charts*	44
9	**Asia Pacific — Regional Analysis and Country Modules** China • Japan • Singapore • India • South Korea • Southeast Asia • Australia • Rest of Asia Pacific • Country comparison **Highlights** *Value, capacity and segment series for seven country modules | Policy matrices covering China's reuse targets, India's Namami Gange and zero-liquid-discharge mandates and Singapore's reuse program*	224 *31 charts*	100

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No.	Chapter, Main Sections and Selected Exhibits	Exhibits	Page
10	**Latin America — Regional Analysis and Country Modules** Brazil • Chile • Colombia • Rest of Latin America • Country comparison **Highlights** *Value, capacity and segment series for three country modules | Policy matrices covering Brazil's sanitation legal framework and Chile's mining water requirements*	88 *11 charts*	**166**
11	**Africa — Regional Analysis and Country Modules** South Africa • Egypt • Morocco • Kenya • Rest of Africa • Country comparison **Highlights** *Value, capacity and segment series for four country modules | Policy matrices covering Egypt's drainage-water reuse programs and Morocco's national water plan*	113 *14 charts*	**192**
12	**Middle East — Regional Analysis and Country Modules** Saudi Arabia • United Arab Emirates • Israel • Rest of Middle East • Country comparison **Highlights** *Value, capacity and segment series for three country modules | Policy matrices covering Saudi reuse targets and Israel's agricultural reuse policy*	115 *17 charts*	**225**
13	**Rest of World — Regional Analysis and Country Modules** Regional overview and dashboard • Rest of World residual • Country comparison **Selected exhibits** *Exhibit 852: Rest of World — Value by Product Segment, 2020H–2032F (Chart) | Exhibit 859: Rest of World — Combined Secondary-Dimension Shares, 2025A*	13 *2 charts*	**259**
14	**Global Market Reporting — Master Series and Reference Tables** Master global and regional series • Master product segment series • Master country series • Country by product segment matrix **Selected exhibits** *Exhibit 866: Master — Value by Country, Panel A: 2020H–2026E (US$ Million) | Exhibit 868: Country by Product Segment Matrix, 2025A (US$ Million)*	8	**263**
15	**Global Segmentation Analysis** Additive product segmentation • UF, MBR, MF, NF and specialty / hybrid units by region • Non-additive overlays for membrane material, configuration, application, end user, business model and scale **Selected exhibits** *Exhibit 872: Global — Product Segment — 2026E Value Share (Chart) | Exhibit 886: Global — Configuration — 2026E Value Share (Chart)*	31 *7 charts*	**269**
16	**Demand Signals and Forward Indicators** Forward indicators • Reading the signals **Selected exhibits** *Exhibit 901: Demand Signals and Forward Indicators*	1	**279**
17	**Adjacent-market Enablers** Enabler analysis • Enabler interactions **Selected exhibits** *Exhibit 902: Adjacent-market Enablers (Context, Outside Boundary)*	1	**280**

Part III

Competition, Engineering, Innovation, Sustainability and Policy

Company profiles, competitive structure, transactions, technology, research, sustainability, value chain and policy.

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19	**Competitive Environment — Structure, Rankings and Matrices** Structure and concentration • Leading participants (structural ranking) • Market-share discipline **Selected exhibits** *Exhibit 928: Leading Membrane Filtration Participants — Structural Ranking*	1	**294**
20	**Mergers, Acquisitions, Partnerships and Industry Network Analysis** Recent transactions and structural moves • Industry network **Selected exhibits** *Exhibit 929: Selected Transactions and Structural Moves*	1	**296**
21	**Product, Unit Engineering and Innovation** Technology configurations • Innovation frontier • Engineering trade-offs **Selected exhibits** *Exhibit 930: Membrane Technology Configurations*	1	**297**
22	**Research, Innovation and Funding Environment** Research landscape • Funding environment • Research institutions and patent frontier **Selected exhibits** *Exhibit 931: Research and Innovation Priorities*	1	**298**

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24	**Value Chain, Supply Chain and Geopolitical Analysis** Value chain structure • Supply chain and geopolitics • Supply resilience **Selected exhibits** *Exhibit 933: Membrane Filtration Value Chain* | *Exhibit 934: Supply-Chain Resilience Factors*	2	301
25	**Policy, Regulation, Legal Structures and Integrated Risk** Global policy landscape • Integrated risk **Selected exhibits** *Exhibit 935: Global Policy and Regulatory Levers* | *Exhibit 936: Integrated Risk Matrix*	2	302

Part IV

Risk, Economics, Implementation and Outlook

Observed outcome patterns, strategy, risk, implementation, community, pricing, outlook, KPIs and the directory framework.

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29	**Observed Implementation Patterns by Stakeholder** Implementation patterns by stakeholder **Selected exhibits** *Exhibit 943: Implementation Patterns by Stakeholder*	1	307
30	**Community Engagement and Social Inclusion** Social dimensions **Selected exhibits** *Exhibit 944: Social Inclusion Dimensions*	1	308
31	**Pricing, Unit Economics and Financing** Unit economics • Financing and business models **Selected exhibits** *Exhibit 945: Illustrative Unit Economics (Equipment Intensity)* | *Exhibit 946: Global — Business Model — 2026E Value Share (Chart)*	2 *1 chart*	309
32	**Outlook Synthesis** Synthesis • What matters, what could change, what to monitor **Highlights** *Growth drivers, cost factors and monitoring points to 2032F*		310
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34	**Company and Patent Directories — Overview** Directory overview • Reading the directories **Highlights** *220 organizations in the corporate directory* | *106 patent records mapped to the product segmentation*		312

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Appendices

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Patent Directory 106 patent records by assignee, jurisdiction and mapped product segment	1	**338**
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KPI Dictionary, Data Schema and Evidence Register KPI definitions, data schema and evidence register	1	**353**

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