

# **Packaged Water Treatment Market Forecasts to 2032 – Global Analysis By Type (Packaged Drinking Water Treatment Plants, Packaged Wastewater Treatment Plants, and Hybrid Systems), Capacity, Deployment Mode, Technology, Application, End User and By Geography**

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## **Abstracts**

According to Statistics MRC, the Global Packaged Water Treatment Market is accounted for \$32010.11 million in 2025 and is expected to reach \$65624.44 million by 2032 growing at a CAGR of 10.8% during the forecast period. Packaged Water Treatment involves self-contained treatment units that integrate multiple water purification and wastewater treatment stages into a pre-engineered system. These units are manufactured off-site and delivered ready for installation, allowing faster commissioning and lower infrastructure requirements. By incorporating processes such as solids removal, biological processing, filtration, and disinfection, packaged systems ensure compliance with required water quality norms. They are widely adopted in decentralized applications due to their modularity, space efficiency, operational reliability, and suitability for industrial, municipal, and remote-area water management needs.

### **Market Dynamics:**

Driver:

Rapid urbanization & industrialization

Growing cities are generating higher volumes of wastewater, putting pressure on

existing municipal treatment infrastructure. Industrial clusters, especially in manufacturing, food processing, and chemicals, require efficient on-site treatment to comply with discharge norms. Packaged systems offer a compact and quick-to-deploy alternative for areas with limited space and time constraints. Governments are enforcing stricter environmental regulations to control water pollution caused by urban and industrial effluents. Rising awareness about water reuse and sustainability is further supporting adoption. Together, these factors are driving consistent growth in the packaged water treatment market.

#### Restraint:

##### Complexity of operation

The operating systems require skilled personnel for monitoring, calibration, and maintenance to ensure consistent performance. Advanced treatment technologies involve multiple process stages, increasing technical dependency. Inadequate operator training can lead to inefficiencies, higher downtime, and non-compliance with standards. Small industries and remote installations often face challenges in accessing qualified technicians. Integration of automation also raises initial learning curves for end users. As a result, operational challenges can slow adoption, particularly in cost-sensitive regions.

#### Opportunity:

##### Integration of smart technologies (IoT)

Real-time data collection enables continuous monitoring of water quality and system performance. Predictive maintenance tools help reduce unexpected failures and operational costs. Remote access and automated controls improve efficiency, especially for decentralized installations. Smart analytics support regulatory compliance through accurate reporting and traceability. Digital integration also enhances energy optimization and chemical dosing accuracy. As industries move toward Industry 4.0 practices, demand for intelligent treatment solutions is expected to rise.

#### Threat:

##### Competition from chemical substitutes

Chemical substitutes are often perceived as quicker and less capital-intensive solutions.

In certain applications, chemical dosing alone can meet basic treatment requirements, reducing system demand. Lower upfront costs make these substitutes attractive for small-scale users. However, overreliance on chemicals can raise long-term environmental and disposal concerns. Despite this, price sensitivity continues to influence buyer decisions. This competitive pressure can limit market penetration for packaged treatment plants.

### **Covid-19 Impact:**

The COVID-19 pandemic had a mixed impact on the packaged water treatment market. Lockdowns disrupted manufacturing operations and delayed project installations worldwide. Supply chain interruptions affected the availability of key components and equipment. Many industrial and construction projects were temporarily halted, reducing short-term demand. However, the pandemic heightened awareness of sanitation, hygiene, and safe water management. Municipalities and healthcare facilities increased investments in reliable treatment solutions. Post-pandemic recovery strategies are now emphasizing resilient, decentralized, and automated water treatment systems.

The packaged wastewater treatment plants segment is expected to be the largest during the forecast period

The packaged wastewater treatment plants segment is expected to account for the largest market share during the forecast period, driven by the rising need to manage industrial and municipal wastewater efficiently. These systems are widely adopted due to their modular design and rapid installation capabilities. They are suitable for both permanent and temporary applications across multiple end-use sectors. Increasing regulatory pressure on wastewater discharge is reinforcing demand. Technological improvements have enhanced treatment efficiency and reduced operational footprints.

The construction & mining camps segment is expected to have the highest CAGR during the forecast period

Over the forecast period, the construction & mining camps segment is predicted to witness the highest growth rate, due to rapid infrastructure development and resource extraction activities are expanding the number of remote camps. These locations require compact and mobile water treatment solutions for daily operations. Packaged plants provide a practical option where centralized infrastructure is unavailable. Growing emphasis on worker health, safety, and environmental compliance is boosting adoption. Temporary project-based deployments further favor packaged systems.

**Region with largest share:**

During the forecast period, the Asia Pacific region is expected to hold the largest market share, due to rapid urban expansion and industrialization across countries such as China, India, and Southeast Asia are key contributors. Increasing investments in water infrastructure are addressing rising pollution levels. Governments are implementing stricter wastewater discharge regulations to protect water resources. The region also benefits from cost-effective manufacturing and growing local suppliers. Expanding industrial parks and smart city initiatives are fueling demand.

**Region with highest CAGR:**

Over the forecast period, the Middle East & Africa region is anticipated to exhibit the highest CAGR, owing to strong demand for efficient treatment and reuse solutions. Large-scale infrastructure and industrial projects are increasing wastewater generation. Governments are prioritizing sustainable water management to reduce dependence on freshwater sources. Packaged treatment plants are well-suited for remote and arid environments. Rising investments in oil, gas, and mining sectors further support market growth. As desalination and reuse strategies expand, the region is set for rapid adoption.

**Key players in the market**

Some of the key players in Packaged Water Treatment Market include Veolia Env, Global Tre, Xylem Inc., Hitachi Zo, Evoqua Wa, Aquatech, Pentair pl, Westech E, Fluence C, Smith & Lo, Bio-Micro, Organica W, Clearford, CST Waste, and Corix Grou.

**Key Developments:**

In December 2025, Veolia has signed a partnership agreement with Science City Guangzhou Investment Group Co. It will allow co-developing a unique, innovative decarbonization project for the capture and utilization of industrial flue gas of one of the major industrial hubs in China, the Guangzhou Development Zone. Upon completion, the project is expected to reduce 200,000 tons of carbon per year while generating new energy for local enterprises. The agreement underscores the strong Sino-French collaboration on innovation, industrial sustainability and green development.

In May 2023, Xylem Inc. announced it has completed its acquisition of Evoqua Water

Technologies Corp., a leader in mission-critical water treatment solutions and services, in an all-stock transaction valued at approximately \$7.5 billion. The combination creates the world's most advanced platform of capabilities to address customers' and communities' critical water challenges.

#### Types Covered:

Packaged Drinking Water Treatment Plants

Packaged Wastewater Treatment Plants

Hybrid Systems

#### Capacities Covered:

100–500 m<sup>3</sup>/day

501–1,000 m<sup>3</sup>/day

#### Deployment Modes Covered:

Mobile & Containerized Units

Skid-Mounted Units

Compact Stationary Systems

#### Technologies Covered:

Membrane Filtration

Disinfection Systems

Clarification & Sedimentation

Biological Treatment

## Sludge Treatment

### Applications Covered:

Municipal Drinking Water Supply

Remote & Rural Water Supply

Industrial Process Water Treatment

Emergency & Disaster Relief

Effluent & Sewage Treatment

Other Applications

### End Users Covered:

Municipal Governments & Utilities

Oil & Gas Sector

Residential & Commercial Users

Construction & Mining Camps

Pharmaceuticals

Military & Defense

Food & Beverage Industry

Hotels, Resorts & Institutions

Other End Users

Regions Covered:

North America

US

Canada

Mexico

Europe

Germany

UK

Italy

France

Spain

Rest of Europe

Asia Pacific

Japan

China

India

Australia

New Zealand

South Korea

Rest of Asia Pacific

## South America

Argentina

Brazil

Chile

Rest of South America

## Middle East & Africa

Saudi Arabia

UAE

Qatar

South Africa

Rest of Middle East & Africa

### **What our report offers:**

- Market share assessments for the regional and country-level segments
- Strategic recommendations for the new entrants
- Covers Market data for the years 2024, 2025, 2026, 2028, and 2032
- Market Trends (Drivers, Constraints, Opportunities, Threats, Challenges, Investment Opportunities, and recommendations)
- Strategic recommendations in key business segments based on the market estimations
- Competitive landscaping mapping the key common trends
- Company profiling with detailed strategies, financials, and recent developments
- Supply chain trends mapping the latest technological advancements

### **Free Customization Offerings:**

All the customers of this report will be entitled to receive one of the following free

*Packaged Water Treatment Market Forecasts to 2032 – Global Analysis By Type (Packaged Drinking Water Treatment...*

customization options:

#### Company Profiling

Comprehensive profiling of additional market players (up to 3)

SWOT Analysis of key players (up to 3)

#### Regional Segmentation

Market estimations, Forecasts and CAGR of any prominent country as per the client's interest (Note: Depends on feasibility check)

#### Competitive Benchmarking

Benchmarking of key players based on product portfolio, geographical presence, and strategic alliances

## Contents

### **1 EXECUTIVE SUMMARY**

### **2 PREFACE**

- 2.1 Abstract
- 2.2 Stake Holders
- 2.3 Research Scope
- 2.4 Research Methodology
  - 2.4.1 Data Mining
  - 2.4.2 Data Analysis
  - 2.4.3 Data Validation
  - 2.4.4 Research Approach
- 2.5 Research Sources
  - 2.5.1 Primary Research Sources
  - 2.5.2 Secondary Research Sources
  - 2.5.3 Assumptions

### **3 MARKET TREND ANALYSIS**

- 3.1 Introduction
- 3.2 Drivers
- 3.3 Restraints
- 3.4 Opportunities
- 3.5 Threats
- 3.6 Technology Analysis
- 3.7 Application Analysis
- 3.8 End User Analysis
- 3.9 Emerging Markets
- 3.10 Impact of Covid-19

### **4 PORTERS FIVE FORCE ANALYSIS**

- 4.1 Bargaining power of suppliers
- 4.2 Bargaining power of buyers
- 4.3 Threat of substitutes
- 4.4 Threat of new entrants
- 4.5 Competitive rivalry

## **5 GLOBAL PACKAGED WATER TREATMENT MARKET, BY TYPE**

- 5.1 Introduction
- 5.2 Packaged Drinking Water Treatment Plants
- 5.3 Packaged Wastewater Treatment Plants
- 5.4 Hybrid Systems

## **6 GLOBAL PACKAGED WATER TREATMENT MARKET, BY CAPACITY**

- 6.1 Introduction
- 6.2 6.3 100–500 m<sup>3</sup>/day
- 6.4 501–1,000 m<sup>3</sup>/day

## **7 GLOBAL PACKAGED WATER TREATMENT MARKET, BY DEPLOYMENT MODE**

- 7.1 Introduction
- 7.2 Mobile & Containerized Units
- 7.3 Skid Mounted Units
- 7.4 Compact Stationary Systems

## **8 GLOBAL PACKAGED WATER TREATMENT MARKET, BY TECHNOLOGY**

- 8.1 Introduction
- 8.2 Membrane Filtration
  - 8.2.1 Microfiltration (MF)
  - 8.2.2 Ultrafiltration (UF)
  - 8.2.3 Nanofiltration (NF)
  - 8.2.4 Reverse Osmosis (RO)
- 8.3 Disinfection Systems
  - 8.3.1 UV Disinfection
  - 8.3.2 Ozone Treatment
  - 8.3.3 Chlorination
- 8.4 Clarification & Sedimentation
  - 8.4.1 Dissolved Air Flotation (DAF)
  - 8.4.2 Tube Settlers
- 8.5 Biological Treatment
  - 8.5.1 Sequencing Batch Reactors (SBR)
  - 8.5.2 Moving Bed Biofilm Reactor (MBBR)

- 8.5.3 Membrane Bioreactors (MBR)
- 8.6 Sludge Treatment
  - 8.6.1 Sludge Drying Beds
  - 8.6.2 Mechanical Dewatering Units

## **9 GLOBAL PACKAGED WATER TREATMENT MARKET, BY APPLICATION**

- 9.1 Introduction
- 9.2 Municipal Drinking Water Supply
- 9.3 Remote & Rural Water Supply
- 9.4 Industrial Process Water Treatment
- 9.5 Emergency & Disaster Relief
- 9.6 Effluent & Sewage Treatment
- 9.7 Other Applications

## **10 GLOBAL PACKAGED WATER TREATMENT MARKET, BY END USER**

- 10.1 Introduction
- 10.2 Municipal Governments & Utilities
- 10.3 Oil & Gas Sector
- 10.4 Residential & Commercial Users
- 10.5 Construction & Mining Camps
- 10.6 Pharmaceuticals
- 10.7 Military & Defense
- 10.8 Food & Beverage Industry
- 10.9 Hotels, Resorts & Institutions
- 10.10 Other End Users

## **11 GLOBAL PACKAGED WATER TREATMENT MARKET, BY GEOGRAPHY**

- 11.1 Introduction
- 11.2 North America
  - 11.2.1 US
  - 11.2.2 Canada
  - 11.2.3 Mexico
- 11.3 Europe
  - 11.3.1 Germany
  - 11.3.2 UK
  - 11.3.3 Italy

- 11.3.4 France
- 11.3.5 Spain
- 11.3.6 Rest of Europe
- 11.4 Asia Pacific
  - 11.4.1 Japan
  - 11.4.2 China
  - 11.4.3 India
  - 11.4.4 Australia
  - 11.4.5 New Zealand
  - 11.4.6 South Korea
  - 11.4.7 Rest of Asia Pacific
- 11.5 South America
  - 11.5.1 Argentina
  - 11.5.2 Brazil
  - 11.5.3 Chile
  - 11.5.4 Rest of South America
- 11.6 Middle East & Africa
  - 11.6.1 Saudi Arabia
  - 11.6.2 UAE
  - 11.6.3 Qatar
  - 11.6.4 South Africa
  - 11.6.5 Rest of Middle East & Africa

## **12 KEY DEVELOPMENTS**

- 12.1 Agreements, Partnerships, Collaborations and Joint Ventures
- 12.2 Acquisitions & Mergers
- 12.3 New Product Launch
- 12.4 Expansions
- 12.5 Other Key Strategies

## **13 COMPANY PROFILING**

- 13.1 Veolia Environment SA
- 13.2 Global Treat, Inc.
- 13.3 Xylem Inc.
- 13.4 Hitachi Zosen Corporation
- 13.5 Evoqua Water Technologies LLC
- 13.6 Aquatech International LLC

- 13.7 Pentair plc
- 13.8 Westech Engineering, Inc.
- 13.9 Fluence Corporation Limited
- 13.10 Smith & Loveless, Inc.
- 13.11 Bio Microbics, Inc.
- 13.12 Organica Water, Inc.
- 13.13 Clearford Water Systems Inc.
- 13.14 CST Wastewater Solutions
- 13.15 Corix Group of Companies

## List Of Tables

### LIST OF TABLES

Table 1 Global Packaged Water Treatment Market Outlook, By Region (2024-2032) (\$MN)

Table 2 Global Packaged Water Treatment Market Outlook, By Type (2024-2032) (\$MN)

Table 3 Global Packaged Water Treatment Market Outlook, By Packaged Drinking Water Treatment Plants (2024-2032) (\$MN)

Table 4 Global Packaged Water Treatment Market Outlook, By Packaged Wastewater Treatment Plants (2024-2032) (\$MN)

Table 5 Global Packaged Water Treatment Market Outlook, By Hybrid Systems (2024-2032) (\$MN)

Table 6 Global Packaged Water Treatment Market Outlook, By Capacity (2024-2032) (\$MN)

Table 7 Global Packaged Water Treatment Market Outlook, By Table 8 Global Packaged Water Treatment Market Outlook, By 100–500 m<sup>3</sup>/day (2024-2032) (\$MN)

Table 9 Global Packaged Water Treatment Market Outlook, By 501–1,000 m<sup>3</sup>/day (2024-2032) (\$MN)

Table 10 Global Packaged Water Treatment Market Outlook, By Deployment Mode (2024-2032) (\$MN)

Table 11 Global Packaged Water Treatment Market Outlook, By Mobile & Containerized Units (2024-2032) (\$MN)

Table 12 Global Packaged Water Treatment Market Outlook, By Skid Mounted Units (2024-2032) (\$MN)

Table 13 Global Packaged Water Treatment Market Outlook, By Compact Stationary Systems (2024-2032) (\$MN)

Table 14 Global Packaged Water Treatment Market Outlook, By Technology (2024-2032) (\$MN)

Table 15 Global Packaged Water Treatment Market Outlook, By Membrane Filtration (2024-2032) (\$MN)

Table 16 Global Packaged Water Treatment Market Outlook, By Microfiltration (MF) (2024-2032) (\$MN)

Table 17 Global Packaged Water Treatment Market Outlook, By Ultrafiltration (UF) (2024-2032) (\$MN)

Table 18 Global Packaged Water Treatment Market Outlook, By Nanofiltration (NF) (2024-2032) (\$MN)

Table 19 Global Packaged Water Treatment Market Outlook, By Reverse Osmosis (RO)

(2024-2032) (\$MN)

Table 20 Global Packaged Water Treatment Market Outlook, By Disinfection Systems (2024-2032) (\$MN)

Table 21 Global Packaged Water Treatment Market Outlook, By UV Disinfection (2024-2032) (\$MN)

Table 22 Global Packaged Water Treatment Market Outlook, By Ozone Treatment (2024-2032) (\$MN)

Table 23 Global Packaged Water Treatment Market Outlook, By Chlorination (2024-2032) (\$MN)

Table 24 Global Packaged Water Treatment Market Outlook, By Clarification & Sedimentation (2024-2032) (\$MN)

Table 25 Global Packaged Water Treatment Market Outlook, By Dissolved Air Flotation (DAF) (2024-2032) (\$MN)

Table 26 Global Packaged Water Treatment Market Outlook, By Tube Settlers (2024-2032) (\$MN)

Table 27 Global Packaged Water Treatment Market Outlook, By Biological Treatment (2024-2032) (\$MN)

Table 28 Global Packaged Water Treatment Market Outlook, By Sequencing Batch Reactors (SBR) (2024-2032) (\$MN)

Table 29 Global Packaged Water Treatment Market Outlook, By Moving Bed Biofilm Reactor (MBBR) (2024-2032) (\$MN)

Table 30 Global Packaged Water Treatment Market Outlook, By Membrane Bioreactors (MBR) (2024-2032) (\$MN)

Table 31 Global Packaged Water Treatment Market Outlook, By Sludge Treatment (2024-2032) (\$MN)

Table 32 Global Packaged Water Treatment Market Outlook, By Sludge Drying Beds (2024-2032) (\$MN)

Table 33 Global Packaged Water Treatment Market Outlook, By Mechanical Dewatering Units (2024-2032) (\$MN)

Table 34 Global Packaged Water Treatment Market Outlook, By Application (2024-2032) (\$MN)

Table 35 Global Packaged Water Treatment Market Outlook, By Municipal Drinking Water Supply (2024-2032) (\$MN)

Table 36 Global Packaged Water Treatment Market Outlook, By Remote & Rural Water Supply (2024-2032) (\$MN)

Table 37 Global Packaged Water Treatment Market Outlook, By Industrial Process Water Treatment (2024-2032) (\$MN)

Table 38 Global Packaged Water Treatment Market Outlook, By Emergency & Disaster Relief (2024-2032) (\$MN)

Table 39 Global Packaged Water Treatment Market Outlook, By Effluent & Sewage Treatment (2024-2032) (\$MN)

Table 40 Global Packaged Water Treatment Market Outlook, By Other Applications (2024-2032) (\$MN)

Table 41 Global Packaged Water Treatment Market Outlook, By End User (2024-2032) (\$MN)

Table 42 Global Packaged Water Treatment Market Outlook, By Municipal Governments & Utilities (2024-2032) (\$MN)

Table 43 Global Packaged Water Treatment Market Outlook, By Oil & Gas Sector (2024-2032) (\$MN)

Table 44 Global Packaged Water Treatment Market Outlook, By Residential & Commercial Users (2024-2032) (\$MN)

Table 45 Global Packaged Water Treatment Market Outlook, By Construction & Mining Camps (2024-2032) (\$MN)

Table 46 Global Packaged Water Treatment Market Outlook, By Pharmaceuticals (2024-2032) (\$MN)

Table 47 Global Packaged Water Treatment Market Outlook, By Military & Defense (2024-2032) (\$MN)

Table 48 Global Packaged Water Treatment Market Outlook, By Food & Beverage Industry (2024-2032) (\$MN)

Table 49 Global Packaged Water Treatment Market Outlook, By Hotels, Resorts & Institutions (2024-2032) (\$MN)

Table 50 Global Packaged Water Treatment Market Outlook, By Other End Users (2024-2032) (\$MN)

Note: Tables for North America, Europe, APAC, South America, and Middle East & Africa Regions are also represented in the same manner as above.

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