

Data Center Water & Wastewater Treatment Equipment Market - 2026-2035

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Abstracts

Data Center Water & Wastewater Treatment Equipment Market reached USD 2.95 Billion in 2025 and is expected to reach USD 9.14 billion by 2035, growing with a CAGR of 11.98% during the forecast period 2026-2035.

The Data Center Water & Wastewater Treatment Equipment Market emerges as a key focus in DataM Intelligence latest in-depth analysis, where seasoned researchers harness advanced data analytics and strategic foresight to deliver unparalleled market intelligence. This insightful report meticulously explores the competitive landscape, profiling key players and their forward-thinking innovations in product development, pricing strategies, financial metrics, and global expansion initiatives. By uncovering the driving forces, market dynamics, and disruptive trends shaping the future, this research equips industry stakeholders with the actionable insights needed to make informed decisions in an increasingly dynamic and competitive environment.

A Data Center Water & Wastewater Treatment Equipment Market is a data-driven software solution that collects, integrates, analyzes, and visualizes customer data across various touchpoints to generate actionable insights. These platforms help businesses understand customer behaviors, preferences, and purchasing patterns in real time, enabling personalized marketing, enhanced customer engagement, and data-driven decision-making.

By Equipment Type

Filtration Systems

Multimedia Filters

Cartridge Filters

Activated Carbon Filters

Membrane Systems

Reverse Osmosis (RO)

Ultrafiltration (UF)

Nanofiltration (NF)

Electrodeionization (EDI)

Chemical Treatment Systems

Dosing Systems

Scale Inhibitors

Corrosion Control Systems

Biocide Treatment Systems

Disinfection Systems

UV Disinfection

Ozone Systems

Chlorination Systems

Water Softening Systems

Deionized (DI) Water Systems

Condensate Recovery Systems

Water Recycling & Reuse Systems

Zero Liquid Discharge (ZLD) Systems

Sludge Handling Equipment

Monitoring & Automation Systems

Water Quality Sensors

Online Monitoring Systems

SCADA & Digital Control Systems

By Treatment Stage

Raw Water Pretreatment

High Purity Water Treatment

Cooling Water Treatment

Wastewater Treatment

Water Reuse & Recycling

Zero Liquid Discharge (ZLD)

By Water Source

Municipal Water

Groundwater

Surface Water

Reclaimed/Recycled Water

Rainwater Harvested Water

By Cooling Technology

Air-Cooled Data Centers

Water-Cooled Data Centers

Liquid-Cooled Data Centers

Hybrid Cooling Systems

By Data Center Type

Hyperscale Data Centers

Colocation Data Centers

Enterprise Data Centers

Edge Data Centers

By Deployment

New Installations (Greenfield)

Retrofit & Expansion (Brownfield)

By End User

Cloud Service Providers

Telecom Operators

Banking, Financial Services & Insurance (BFSI)

Government & Defense

Healthcare

Manufacturing

IT & Software

Others

Regional Analysis for Data Center Water & Wastewater Treatment Equipment Market:

North America (U.S., Canada, Mexico)

Europe (U.K., Italy, Germany, Russia, France, Spain, The Netherlands and Rest of Europe)

Asia-Pacific (India, Japan, China, South Korea, Australia, Indonesia Rest of Asia Pacific)

South America (Colombia, Brazil, Argentina, Rest of South America)

Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of Middle East & Africa)

This Report Covers:

Go-to-market Strategy.

Neutral perspective on the market performance.

Development trends, competitive landscape analysis, supply side analysis, demand side analysis, year-on-year growth, competitive benchmarking, vendor identification, and other significant analysis, as well as development status.

Customized regional/country reports as per request and country level analysis.

Potential & niche segments and regions exhibiting promising growth covered.

Analysis of Market Size (historical and forecast), Total Addressable Market (TAM), Serviceable Available Market (SAM), Serviceable Obtainable Market (SOM), Market Growth, Technological Trends, Market Share, Market Dynamics, Competitive Landscape and Major Players (Innovators, Start-ups, Laggard, and Pioneer).

Research Process:

Both primary and secondary data sources have been used in the global Data Center Water & Wastewater Treatment Equipment Market research report. During the research process, a wide range of industry-affecting factors are examined, including governmental regulations, market conditions, competitive levels, historical data, market situation, technological advancements, upcoming developments, in related businesses, as well as market volatility, prospects, potential barriers, and challenges.

Contents

1. DEFINITION AND OVERVIEW

- 1.1. Study Objectives
- 1.2. Market Definition
- 1.3. Market Scope
- 1.4. Stakeholder Analysis
- 1.5. Currency Considered
- 1.6. Study Period

2. EXECUTIVE SUMMARY

- 2.1. Key Takeaways
- 2.2. Top To Bottom Analysis
- 2.3. Market Share Analysis
- 2.4. Data Points from Key Primary Interviews
- 2.5. Data Points from Key Secondary Databases
- 2.6. Market Snapshot
- 2.7. Geographical Snapshot

3. DYNAMICS

3.1. Impacting Factors

3.1.1. Drivers

3.1.1.1. Rapid expansion of hyperscale and AI-driven data centers is increasing demand for advanced cooling water treatment and wastewater management systems.

3.1.1.2. Increasing implementation of Water Usage Effectiveness (WUE) targets by data center operators is driving demand for real-time water monitoring, filtration, and optimization equipment.

3.1.1.3. Rising demand for closed-loop cooling systems is driving the deployment of membrane filtration, reverse osmosis, ultrafiltration, and deionization technologies in data center facilities.

3.1.2. Restraints

3.1.2.1. Limited availability of water resources and regional restrictions on industrial water usage create operational challenges for data center expansion and water treatment deployment.

3.1.2.2. Transition toward waterless cooling technologies reduces demand for conventional water-intensive treatment systems in certain data center applications.

3.1.2.3. Dependence on external water utilities and availability of reclaimed water sources can restrict adoption of advanced water reuse systems in certain regions.

3.1.3. Opportunity

3.1.3.1. Rapid Expansion of AI-Driven Hyperscale Data Centers

3.1.3.2. Growing Adoption of Water Recycling and Circular Water Management

3.1.3.3. Rising Deployment of Zero Liquid Discharge (ZLD) Systems

3.1.4. Trends

3.1.4.1. Integration of AI, IoT, and Smart Water Monitoring

3.1.4.2. Increasing Demand from AI and Liquid-Cooled Data Centers

3.1.4.3. Shift Toward Sustainable and Water-Positive Data Centers

3.1.5. Impact Analysis

4. INDUSTRY ANALYSIS

4.1. Geopolitical & Supply Chain Exposure

4.1.1. Supply chain constraints

4.1.1.1. Raw material access

4.1.2. Trade policy changes

4.2. Social & Patient-Centric Factors

4.2.1. Growing Public Concern Over Water Conservation

4.2.1.1. Corporate ESG and Water Stewardship Commitments

4.2.1.2. Adoption of Circular Water Management Practices

4.3. Economic Factors

4.3.1. Rising Global Investment in AI and Hyperscale Data Centers

4.3.1.1. Increasing Capital Expenditure (CapEx) on Sustainable Water Infrastructure

4.3.1.2. Growing Operational Cost (OpEx) Focus

4.4. Pricing Analysis

4.4.1. Pricing transparency trends

4.4.1.1. Premium vs generic pricing

4.4.2. Reimbursement model shifts

4.5. Regulatory Analysis

4.5.1. Policy updates

4.5.1.1. Compliance landscape

4.5.2. Regulation enforcement

5. BY EQUIPMENT TYPE

5.1. Introduction

5.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Equipment Type

- 5.1.2. Market Attractiveness Index, By Equipment Type
- 5.2. Filtration Systems
 - 5.2.1. Multimedia Filters
 - 5.2.2. Cartridge Filters
 - 5.2.3. Activated Carbon Filters
- 5.3. Membrane Systems
 - 5.3.1. Reverse Osmosis (RO)
 - 5.3.2. Ultrafiltration (UF)
 - 5.3.3. Nanofiltration (NF)
 - 5.3.4. Electrodionization (EDI)
- 5.4. Chemical Treatment Systems
 - 5.4.1. Dosing Systems
 - 5.4.2. Scale Inhibitors
 - 5.4.3. Corrosion Control Systems
 - 5.4.4. Biocide Treatment Systems
- 5.5. Disinfection Systems
 - 5.5.1. UV Disinfection
 - 5.5.2. Ozone Systems
 - 5.5.3. Chlorination Systems
- 5.6. Water Softening Systems
- 5.7. Deionized (DI) Water Systems
- 5.8. Condensate Recovery Systems
- 5.9. Water Recycling & Reuse Systems
- 5.10. Zero Liquid Discharge (ZLD) Systems
- 5.11. Sludge Handling Equipment
- 5.12. Monitoring & Automation Systems
 - 5.12.1. Water Quality Sensors
 - 5.12.2. Online Monitoring Systems
 - 5.12.3. SCADA & Digital Control Systems

6. BY TREATMENT STAGE

- 6.1. Introduction
 - 6.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Treatment Stage
 - 6.1.2. Market Attractiveness Index, By Treatment Stage
- 6.2. Raw Water Pretreatment
- 6.3. High Purity Water Treatment
- 6.4. Cooling Water Treatment
- 6.5. Wastewater Treatment

- 6.6. Water Reuse & Recycling
- 6.7. Zero Liquid Discharge (ZLD)

7. BY WATER SOURCE

- 7.1. Introduction
 - 7.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Water Source
 - 7.1.2. Market Attractiveness Index, By Water Source
- 7.2. Municipal Water
- 7.3. Groundwater
- 7.4. Surface Water
- 7.5. Reclaimed/Recycled Water
- 7.6. Rainwater Harvested Water

8. BY COOLING TECHNOLOGY

- 8.1. Introduction
 - 8.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Cooling Technology
 - 8.1.2. Market Attractiveness Index, By Cooling Technology
- 8.2. Air-Cooled Data Centers
- 8.3. Water-Cooled Data Centers
- 8.4. Liquid-Cooled Data Centers
- 8.5. Hybrid Cooling Systems

9. BY DATA CENTER TYPE

- 9.1. Introduction
 - 9.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Data Center Type
 - 9.1.2. Market Attractiveness Index, By Data Center Type
- 9.2. Hyperscale Data Centers
- 9.3. Colocation Data Centers
- 9.4. Enterprise Data Centers
- 9.5. Edge Data Centers

10. BY DEPLOYMENT

- 10.1. Introduction
 - 10.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Deployment
 - 10.1.2. Market Attractiveness Index, By Deployment

10.2. New Installations (Greenfield)

10.3. Retrofit & Expansion (Brownfield)

11. BY END USER

11.1. Introduction

11.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By End User

11.1.2. Market Attractiveness Index, By End User

11.2. Cloud Service Providers

11.3. Telecom Operators

11.4. Banking, Financial Services & Insurance (BFSI)

11.5. Government & Defense

11.6. Healthcare

11.7. Manufacturing

11.8. IT & Software

11.9. Others

12. BY REGION

12.1. Introduction

12.1.1. Market Size Analysis and Y-o-Y Growth Analysis (%), By Region

12.1.2. Market Attractiveness Index, By Region

12.2. North America

12.2.1. Introduction

12.2.2. Key Region-Specific Dynamics

12.2.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Equipment Type

12.2.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Treatment Stage

12.2.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Water Source

12.2.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Cooling Technology

12.2.7. Market Size Analysis and Y-o-Y Growth Analysis (%), By Data Center Type

12.2.8. Market Size Analysis and Y-o-Y Growth Analysis (%), By Deployment

12.2.9. Market Size Analysis and Y-o-Y Growth Analysis (%), By End User

12.2.10. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

12.2.10.1. US

12.2.10.2. Canada

12.2.10.3. Mexico

12.3. Europe

12.3.1. Introduction

12.3.2. Key Region-Specific Dynamics

- 12.3.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Equipment Type
- 12.3.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Treatment Stage
- 12.3.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Water Source
- 12.3.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Cooling Technology
- 12.3.7. Market Size Analysis and Y-o-Y Growth Analysis (%), By Data Center Type
- 12.3.8. Market Size Analysis and Y-o-Y Growth Analysis (%), By Deployment
- 12.3.9. Market Size Analysis and Y-o-Y Growth Analysis (%), By End User
- 12.3.10. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country
 - 12.3.10.1. Germany
 - 12.3.10.2. United Kingdom
 - 12.3.10.3. France
 - 12.3.10.4. Italy
 - 12.3.10.5. Spain
 - 12.3.10.6. Netherlands
 - 12.3.10.7. Switzerland
 - 12.3.10.8. Sweden
 - 12.3.10.9. Norway
 - 12.3.10.10. Denmark
 - 12.3.10.11. Belgium
 - 12.3.10.12. Poland
 - 12.3.10.13. Austria
 - 12.3.10.14. Ireland
 - 12.3.10.15. Portugal
 - 12.3.10.16. Greece
 - 12.3.10.17. Finland
 - 12.3.10.18. Rest of Europe
- 12.4. Latin America
 - 12.4.1. Introduction
 - 12.4.2. Key Region-Specific Dynamics
 - 12.4.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Equipment Type
 - 12.4.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Treatment Stage
 - 12.4.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Water Source
 - 12.4.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Cooling Technology
 - 12.4.7. Market Size Analysis and Y-o-Y Growth Analysis (%), By Data Center Type
 - 12.4.8. Market Size Analysis and Y-o-Y Growth Analysis (%), By Deployment
 - 12.4.9. Market Size Analysis and Y-o-Y Growth Analysis (%), By End User
 - 12.4.10. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country
 - 12.4.10.1. Brazil
 - 12.4.10.2. Argentina

- 12.4.10.3. Chile
- 12.4.10.4. Colombia
- 12.4.10.5. Peru
- 12.4.10.6. Rest of Latin America

12.5. Asia-Pacific

- 12.5.1. Introduction
- 12.5.2. Key Region-Specific Dynamics
- 12.5.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Equipment Type
- 12.5.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Treatment Stage
- 12.5.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Water Source
- 12.5.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Cooling Technology
- 12.5.7. Market Size Analysis and Y-o-Y Growth Analysis (%), By Data Center Type
- 12.5.8. Market Size Analysis and Y-o-Y Growth Analysis (%), By Deployment
- 12.5.9. Market Size Analysis and Y-o-Y Growth Analysis (%), By End User
- 12.5.10. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country
 - 12.5.10.1. China
 - 12.5.10.2. Japan
 - 12.5.10.3. India
 - 12.5.10.4. South Korea
 - 12.5.10.5. Australia
 - 12.5.10.6. New Zealand
 - 12.5.10.7. Singapore
 - 12.5.10.8. Malaysia
 - 12.5.10.9. Thailand
 - 12.5.10.10. Indonesia
 - 12.5.10.11. Vietnam
 - 12.5.10.12. Philippines
 - 12.5.10.13. Taiwan
 - 12.5.10.14. Rest of Asia Pacific

12.6. Middle East and Africa

- 12.6.1. Introduction
- 12.6.2. Key Region-Specific Dynamics
- 12.6.3. Market Size Analysis and Y-o-Y Growth Analysis (%), By Equipment Type
- 12.6.4. Market Size Analysis and Y-o-Y Growth Analysis (%), By Treatment Stage
- 12.6.5. Market Size Analysis and Y-o-Y Growth Analysis (%), By Water Source
- 12.6.6. Market Size Analysis and Y-o-Y Growth Analysis (%), By Cooling Technology
- 12.6.7. Market Size Analysis and Y-o-Y Growth Analysis (%), By Data Center Type
- 12.6.8. Market Size Analysis and Y-o-Y Growth Analysis (%), By Deployment
- 12.6.9. Market Size Analysis and Y-o-Y Growth Analysis (%), By End User

12.6.10. Market Size Analysis and Y-o-Y Growth Analysis (%), By Country

- 12.6.10.1. Saudi Arabia
- 12.6.10.2. United Arab Emirates
- 12.6.10.3. Qatar
- 12.6.10.4. Kuwait
- 12.6.10.5. Oman
- 12.6.10.6. Bahrain
- 12.6.10.7. South Africa
- 12.6.10.8. Egypt
- 12.6.10.9. Nigeria
- 12.6.10.10. Morocco
- 12.6.10.11. Rest of Middle East & Africa

13. COMPETITIVE LANDSCAPE ANALYSIS

- 13.1. Competitive Scenario
- 13.2. Market Positioning/Share Analysis
- 13.3. Mergers and Acquisitions Analysis
- 13.4. Partner Identification Analysis
- 13.5. Investment & Funding Landscape
- 13.6. Strategic Alliances & Innovation Pipelines

14. COMPANY PROFILES

- 14.1. Veolia*
 - 14.1.1. Company Overview
 - 14.1.2. Product Portfolio
 - 14.1.3. Revenue Analysis
 - 14.1.4. Pricing Analysis
 - 14.1.5. SWOT Analysis
 - 14.1.6. Recent Developments
 - 14.1.6.1. Major Deals
 - 14.1.6.2. M&A
 - 14.1.6.3. Collaboration
 - 14.1.6.4. Acquisition
 - 14.1.6.5. Joint Ventures
 - 14.1.6.6. Innovations
 - 14.1.7. Recent News
 - 14.1.7.1. Events

- 14.1.7.2. Conferences
- 14.1.7.3. Symposiums
- 14.1.7.4. Webinars
- 14.2. Ecolab
- 14.3. Xylem Inc.
- 14.4. SUEZ
- 14.5. Aquatech International
- 14.6. Solenis
- 14.7. Kurita Water Industries
- 14.8. Pentair
- 14.9. DuPont Water Solutions
- 14.10. BWT Holding
- 14.11. Alfa Laval
- 14.12. Toray Industries (LIST NOT EXHAUSTIVE)

15. DATA CENTER WATER & WASTEWATER TREATMENT EQUIPMENT MARKET – RESEARCH METHODOLOGY

- 15.1. Research Data
 - 15.1.1. Secondary Data
 - 15.1.2. Primary Data
 - 15.1.3. CAGR Analysis
- 15.2. Market Size Estimation Methodology
 - 15.2.1. Bottom-Up Approach
 - 15.2.2. Top-Down Approach
- 15.3. Market Breakdown & Data Triangulation
- 15.4. Research Assumptions
- 15.5. Limitations

16. APPENDIX

- 16.1. About Us and Services
- 16.2. Contact Us

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