

# **Asia Pacific Atmospheric Water Generator Market Size study, by Product (Cooling Condensation, Wet Desiccation), by Application (Industrial, Commercial, Residential) and Country Forecasts 2022-2032**

<https://marketpublishers.com/r/A3796E7BDA94EN.html>

Date: May 2024

Pages: 200

Price: US\$ 4,950.00 (Single User License)

ID: A3796E7BDA94EN

## **Abstracts**

Asia Pacific Atmospheric Water Generator Market is valued at approximately USD 850 million in 2023 and is anticipated to grow with a healthy growth rate of more than 9.97% during the forecast period 2024-2032. An Atmospheric Water Generator (AWG) extracts potable water from humid ambient air using methods such as condensation, desiccants, membranes, fog collection, or air pressurization. AWGs are invaluable where potable water access is limited, and can operate with varying energy inputs or passively, mimicking natural temperature differences. Biomimicry studies have demonstrated the efficiency of the *Stenocara gracilipes* beetle in this process. The escalation of water scarcity and depletion of freshwater resources in the region can be ascribed to the increasing proliferation of atmospheric water generator installations. Concurrently, the rise in industrialization and infrastructure development activities is expected to bolster product demand in the region.

The escalating water scarcity and depletion of freshwater resources in the Asia Pacific region are attributable to the increasing prevalence of atmospheric water generator installations. Augmented by rising industrialization and expanding infrastructure endeavors, the regional demand for such products is projected to increase throughout the forecast period. Moreover, governmental investments and strategic corporate activities, such as partnerships, mergers, and acquisitions, are further fueling the growth of the Atmospheric Water Generator Market. Nonetheless, the principal challenges confronting atmospheric water generators include their substantial initial investment and maintenance expenses, particularly burdensome for residential consumers. Market expansion within residential applications between 2022 and 2032 is hindered by

consumers' constrained purchasing power, alongside the elevated installation costs associated with atmospheric water generators.

The key Countries considered for the Asia Pacific Atmospheric Water Generator market study includes China, India, Japan, South Korea, Australia and Rest of Asia Pacific. In 2023, China was the largest regional market. The demand for Atmospheric Water Generators (AWGs) in China is predominantly propelled by industrial activities encompassing construction, agriculture, chemicals, textiles, and sanitation. The escalating need for pure water for drinking, industrial operations, and commercial purposes within the country is anticipated to exert a favorable influence on the AWG Market. The rapid expansion of India's industrial sector has led to water scarcity in numerous regions of the country. The increasing construction and manufacturing endeavors within the economy are forecast to drive demand for atmospheric water generators.

Major market player included in this report are:

Akvo Atmospheric Water Systems Pvt. Ltd.

WaterMaker India Pvt. Ltd.

Airowater Private Limited

Company 4

Company 5

Company 6

Company 7

Company 8

Company 9

Company 10

The detailed segments and sub-segment of the market are explained below:

By Product

Cooling Condensation

Wet Desiccation

By Application

Industrial

Commercial

Residential

?

By Region:

Asia Pacific

China

India

Japan

Australia

South Korea

RoAPAC

Years considered for the study are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and country level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market

## Contents

### **CHAPTER 1. ASIA PACIFIC ATMOSPHERIC WATER GENERATOR MARKET DEFINITION AND RESEARCH ASSUMPTIONS**

- 1.1. Research Objective
- 1.2. Market Definition
- 1.3. Research Assumptions
  - 1.3.1. Inclusion & Exclusion
  - 1.3.2. Limitations
  - 1.3.3. Supply Side Analysis
    - 1.3.3.1. Availability
    - 1.3.3.2. Infrastructure
    - 1.3.3.3. Regulatory Environment
    - 1.3.3.4. Market Competition
    - 1.3.3.5. Economic Viability (Consumer's Perspective)
  - 1.3.4. Demand Side Analysis
    - 1.3.4.1. Regulatory frameworks
    - 1.3.4.2. Technological Advancements
    - 1.3.4.3. Environmental Considerations
    - 1.3.4.4. Consumer Awareness & Acceptance
- 1.4. Estimation Methodology
- 1.5. Years Considered for the Study
- 1.6. Currency Conversion Rates

### **CHAPTER 2. EXECUTIVE SUMMARY**

- 2.1. Asia Pacific Atmospheric Water Generator Market Size & Forecast (2022- 2032)
- 2.2. Regional Summary
- 2.3. Segmental Summary
  - 2.3.1. By Product
  - 2.3.2. By Application
- 2.4. Key Trends
- 2.5. Recession Impact
- 2.6. Analyst Recommendation & Conclusion

### **CHAPTER 3. ASIA PACIFIC ATMOSPHERIC WATER GENERATOR MARKET DYNAMICS**

- 3.1. Market Drivers
- 3.2. Market Challenges
- 3.3. Market Opportunities

## **CHAPTER 4. ASIA PACIFIC ATMOSPHERIC WATER GENERATOR MARKET INDUSTRY ANALYSIS**

- 4.1. Porter's 5 Force Model
  - 4.1.1. Bargaining Power of Suppliers
  - 4.1.2. Bargaining Power of Buyers
  - 4.1.3. Threat of New Entrants
  - 4.1.4. Threat of Substitutes
  - 4.1.5. Competitive Rivalry
  - 4.1.6. Futuristic Approach to Porter's 5 Force Model
  - 4.1.7. Porter's 5 Force Impact Analysis
- 4.2. PESTEL Analysis
  - 4.2.1. Political
  - 4.2.2. Economical
  - 4.2.3. Social
  - 4.2.4. Technological
  - 4.2.5. Environmental
  - 4.2.6. Legal
- 4.3. Top investment opportunity
- 4.4. Top winning strategies
- 4.5. Disruptive Trends
- 4.6. Industry Expert Perspective
- 4.7. Analyst Recommendation & Conclusion

## **CHAPTER 5. ASIA PACIFIC ATMOSPHERIC WATER GENERATOR MARKET SIZE & FORECASTS BY PRODUCT 2022-2032**

- 5.1. Cooling Condensation
- 5.2. Wet Desiccation

## **CHAPTER 6. ASIA PACIFIC ATMOSPHERIC WATER GENERATOR MARKET SIZE & FORECASTS BY APPLICATION 2022-2032**

- 6.1. Industrial
- 6.2. Commercial

### 6.3. Residential

## **CHAPTER 7. ASIA PACIFIC ATMOSPHERIC WATER GENERATOR MARKET SIZE & FORECASTS BY COUNTRY 2022-2032**

### 7.1. China Atmospheric Water Generator Market

7.1.1. Product breakdown size & forecasts, 2022-2032

7.1.2. Application breakdown size & forecasts, 2022-2032

### 7.2. India Atmospheric Water Generator Market

### 7.3. Japan Atmospheric Water Generator Market

### 7.4. Australia Atmospheric Water Generator Market

### 7.5. South Korea Atmospheric Water Generator Market

### 7.6. Rest of Asia Pacific Atmospheric Water Generator Market

## **CHAPTER 8. COMPETITIVE INTELLIGENCE**

### 8.1. Key Company SWOT Analysis

8.1.1. Company

8.1.2. Company

8.1.3. Company

### 8.2. Top Market Strategies

### 8.3. Company Profiles

8.3.1. Akvo Atmospheric Water Systems Pvt. Ltd.

8.3.1.1. Key Information

8.3.1.2. Overview

8.3.1.3. Financial (Subject to Data Availability)

8.3.1.4. Product Summary

8.3.1.5. Market Strategies

8.3.2. WaterMaker India Pvt. Ltd.

8.3.3. Airowater Private Limited

8.3.4. Company

8.3.5. Company

8.3.6. Company

8.3.7. Company

8.3.8. Company

8.3.9. Company

8.3.10. Company

## **CHAPTER 9. RESEARCH PROCESS**

## 9.1. Research Process

9.1.1. Data Mining

9.1.2. Analysis

9.1.3. Market Estimation

9.1.4. Validation

9.1.5. Publishing

## 9.2. Research Attributes

## List Of Tables

### **LIST OF TABLES** **TABLE 1. ASIA PACIFIC ATMOSPHERIC WATER GENERATOR MARKET, REPORT SCOPE**

TABLE 2. Asia Pacific Atmospheric Water Generator market estimates & forecasts by Country 2022-2032 (USD Million)

TABLE 3. Asia Pacific Atmospheric Water Generator market estimates & forecasts by Product 2022-2032 (USD Million)

TABLE 4. Asia Pacific Atmospheric Water Generator market estimates & forecasts by Application 2022-2032 (USD Million)

TABLE 5. Asia Pacific Atmospheric Water Generator market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 6. Asia Pacific Atmospheric Water Generator market by country, estimates & forecasts, 2022-2032 (USD Million)

TABLE 7. Asia Pacific Atmospheric Water Generator market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 8. Asia Pacific Atmospheric Water Generator market by country, estimates & forecasts, 2022-2032 (USD Million)

TABLE 9. Asia Pacific Atmospheric Water Generator market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 10. Asia Pacific Atmospheric Water Generator market by country, estimates & forecasts, 2022-2032 (USD Million)

TABLE 11. Asia Pacific Atmospheric Water Generator market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 12. Asia Pacific Atmospheric Water Generator market by country, estimates & forecasts, 2022-2032 (USD Million)

TABLE 13. Asia Pacific Atmospheric Water Generator market by segment, estimates & forecasts, 2022-2032 (USD Million)

TABLE 14. Asia Pacific Atmospheric Water Generator market by country, estimates & forecasts, 2022-2032 (USD Million)

TABLE 15. China Atmospheric Water Generator market estimates & forecasts, 2022-2032 (USD Million)

TABLE 16. China Atmospheric Water Generator market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 17. China Atmospheric Water Generator market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 18. India Atmospheric Water Generator market estimates & forecasts, 2022-2032 (USD Million)



TABLE 19. India Atmospheric Water Generator market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 20. India Atmospheric Water Generator market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 21. Japan Atmospheric Water Generator market estimates & forecasts, 2022-2032 (USD Million)

TABLE 22. Japan Atmospheric Water Generator market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 23. Japan Atmospheric Water Generator market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 24. Australia Atmospheric Water Generator market estimates & forecasts, 2022-2032 (USD Million)

TABLE 25. Australia Atmospheric Water Generator market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 26. Australia Atmospheric Water Generator market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 27. South Korea Atmospheric Water Generator market estimates & forecasts, 2022-2032 (USD Million)

TABLE 28. South Korea Atmospheric Water Generator market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 29. South Korea Atmospheric Water Generator market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 30.

TABLE 31. RoAPAC Atmospheric Water Generator market estimates & forecasts, 2022-2032 (USD Million)

TABLE 32. RoAPAC Atmospheric Water Generator market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 33. RoAPAC Atmospheric Water Generator market estimates & forecasts by segment 2022-2032 (USD Million)

TABLE 34. List of secondary sources, used in the study of Asia Pacific Atmospheric Water Generator Market.

TABLE 35. List of primary sources, used in the study of Asia Pacific Atmospheric Water Generator Market.

TABLE 36. Years considered for the study.

TABLE 37. Exchange rates considered.

## List Of Figures

### LIST OF FIGURES

- FIG 1. Asia Pacific Atmospheric Water Generator market, research methodology
- FIG 2. Asia Pacific Atmospheric Water Generator market, market estimation techniques
- FIG 3. Asia Pacific market size estimates & forecast methods.
- FIG 4. Asia Pacific Atmospheric Water Generator market, key trends 2023
- FIG 5. Asia Pacific Atmospheric Water Generator market, growth prospects 2022-2032
- FIG 6. Asia Pacific Atmospheric Water Generator market, porters 5 force model
- FIG 7. Asia Pacific Atmospheric Water Generator market, pestel analysis
- FIG 8. Asia Pacific Atmospheric Water Generator market, value chain analysis
- FIG 9. Asia Pacific Atmospheric Water Generator market by segment, 2022 & 2032 (USD Million)
- FIG 10. Asia Pacific Atmospheric Water Generator market by segment, 2022 & 2032 (USD Million)
- FIG 11. Asia Pacific Atmospheric Water Generator market by segment, 2022 & 2032 (USD Million)
- FIG 12. Asia Pacific Atmospheric Water Generator market by segment, 2022 & 2032 (USD Million)
- FIG 13. Asia Pacific Atmospheric Water Generator market by segment, 2022 & 2032 (USD Million)
- FIG 14. Asia Pacific Atmospheric Water Generator market, Country snapshot 2022 & 2032
- FIG 15. Asia Pacific Atmospheric Water Generator market 2022 & 2032 (USD Million)
- FIG 16. Asia Pacific Atmospheric Water Generator market, company market share analysis (2023)

## I would like to order

Product name: Asia Pacific Atmospheric Water Generator Market Size study, by Product (Cooling Condensation, Wet Desiccation), by Application (Industrial, Commercial, Residential) and Country Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/A3796E7BDA94EN.html>

Price: US\$ 4,950.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

[info@marketpublishers.com](mailto:info@marketpublishers.com)

## Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/A3796E7BDA94EN.html>

To pay by Wire Transfer, please, fill in your contact details in the form below:

First name:  
Last name:  
Email:  
Company:  
Address:  
City:  
Zip code:  
Country:  
Tel:  
Fax:  
Your message:

**\*\*All fields are required**

Customer signature \_\_\_\_\_

Please, note that by ordering from marketpublishers.com you are agreeing to our Terms & Conditions at <https://marketpublishers.com/docs/terms.html>

To place an order via fax simply print this form, fill in the information below

and fax the completed form to +44 20 7900 3970