

# **Acrylic Airless Bottle Market Forecasts to 2030 – Global Analysis by Valve Type (Standard Valve, Airless Pump Valve, Twist Lock Valve and Finger Pump Valve), Pump Type, Material, Capacity, Application, End User and By Geography**

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## **Abstracts**

According to Statistics MRC, the Global Acrylic Airless Bottle Market is accounted for \$1,038.9 million in 2024 and is expected to reach \$1,457.09 million by 2030 growing at a CAGR of 5.8% during the forecast period. Acrylic airless bottles are a popular packaging option in the beauty, skincare, and cosmetic sectors. These bottles, which are made of sturdy acrylic, include an airless pump mechanism that keeps air out of the container and protects the integrity of the contents within. By reducing oxidation and contamination, its design helps to prolong the freshness of the contents. For high-end goods like serums, lotions, and creams, airless bottles are frequently used because they provide accurate, regulated dispensing with little product loss. They are a popular option for high-end packaging because of their sleek, contemporary look and capacity to safeguard delicate formulas.

Market Dynamics:

Driver:

Cosmetics & Skincare Growth

The rise of the cosmetics and skincare sector is a major driver of the acrylic airless bottle market. Brands are being pushed to use airless bottles due to rising customer demand for premium, environmentally friendly skincare and cosmetics packaging options. Benefits including increased product shelf life, accurate dosing, and less

contamination are provided by these bottles, which satisfy consumer demands for product efficacy, convenience, and hygiene. Innovative and environmentally friendly packaging, such as acrylic airless bottles, is becoming more and more necessary as the beauty business grows, which propels market expansion.

Restraint:

### High Manufacturing Costs

Growth in the acrylic airless bottle industry is hampered by high manufacturing costs, which restrict the goods' accessibility and affordability. Costs are raised by the intricate production process, which includes sophisticated molding and finishing. Furthermore, the requirement for superior materials and specialist equipment raises costs even further. These elements might deter smaller producers and restrict market growth, particularly in areas where costs are high, which would affect market acceptance and competition generally.

Opportunity:

### Increased E-commerce Sales

Increased e-commerce sales are majorly boosting the Acrylic Airless Bottle industry. Airless bottles, which are becoming more and more popular because of their superior design and ability to maintain product integrity, are among the many packaging items that are easily accessible through online platforms. While customers appreciate the ease of buying packaging solutions online, e-commerce allows producers to reach a wider client base. The need for acrylic airless bottles is increased by the growing popularity of online shopping, which facilitates market expansion.

Threat:

### Environmental Concerns

The growing emphasis on sustainability and eco-friendly packaging is stifling the expansion of the acrylic airless bottle industry. Since acrylic is a plastic, it contributes to environmental damage, especially when it comes to waste and non-biodegradability. Manufacturers are under pressure to provide more sustainable, recyclable, or biodegradable solutions as a result of customer and regulatory demand for greener alternatives. This can complicate product development and raise production costs, thus

it hinders market expansion.

#### Covid-19 Impact:

The COVID-19 pandemic significantly impacted the acrylic airless bottle market, driving increased demand for hygiene-related products such as sanitizers, disinfectants, and skincare items. The need for safe, contamination-free packaging led to a rise in the adoption of airless bottles. Additionally, the surge in e-commerce and online shopping during lockdowns boosted the market, as consumers sought convenient, secure packaging for personal care and healthcare items.

The spray pump segment is expected to be the largest during the forecast period

The spray pump segment is expected to be the largest during the forecast period as spray pumps provide accurate, regulated distribution, improving customer satisfaction by reducing waste and contamination. Because airless technology shields formulas from oxidation, its incorporation into acrylic bottles guarantees product stability. Additionally, the aesthetic appeal of acrylic bottles, coupled with the functionality of spray pumps, contributes to their increasing popularity in cosmetics, skincare, and personal care applications.

The pharmaceuticals segment is expected to have the highest CAGR during the forecast period

The pharmaceuticals segment is expected to have the highest CAGR during the forecast period because there is a growing need for packaging solutions that prolong shelf life and guarantee product integrity. These bottles are perfect for delicate medicinal goods like creams, lotions, and serums because they offer accurate, sanitary, and airtight dispensing. Their capacity to provide user convenience and shield formulations from contamination and deterioration is encouraging usage in pharmaceutical packaging, increasing market demand, and spurring innovation.

#### Region with largest share:

North America is projected to hold the largest market share during the forecast period owing to rising demand for luxury packaging in the skincare, cosmetics, and pharmaceutical industries. Customers are looking for creative, eco-friendly, and superior packaging options that maintain the integrity of the product. Demand for airless bottles is further increased by the rising emphasis on sustainability, e-commerce, and direct-to-

consumer sales. The market's favorable growth trajectory in the area is also influenced by improvements in production technology and brand customisation choices.

Region with highest CAGR:

Asia Pacific is projected to witness the highest CAGR over the forecast period because of the growing need for practical, sanitary, and environmentally friendly packaging solutions in the pharmaceutical, skincare, and cosmetics sectors. The market is expanding as a result of consumers' increasing desire for airless packaging to maintain product integrity, extend shelf life, and avoid contamination. Acrylic airless bottles are also becoming more and more popular in the area due to factors including changing lifestyles, growing disposable income, and the development of e-commerce platforms in emerging nations.

Key players in the market

Some of the key players in Acrylic Airless Bottle market include Radcom Packaging Private Limited, AptarGroup, Inc., HCP Packaging Inc., Berlin Packaging, Lumson SPA, Quadpack Industries, S.A., Silgan Dispensing Systems, Albea Group, Yonwoo Co., Ltd., Nest Filler, Frapak Packaging, APG Packaging, IMS Packaging, Kaufman Container, B.I. Packaging and Premium Pack Ltd.

Key Developments:

In July 2024, RADCOM Ltd. announced the availability of its innovative 5G assurance solution on Google Cloud. This will provide telecom operators with an automated, cloud-native assurance offering that integrates seamlessly with Google Cloud for closed-loop, zero-touch operations on the cloud to enhance the customer experience and proactively improve 5G service qualities.

In April 2024, RADCOM Ltd. announced it has renewed its multi-year collaboration with Rakuten Mobile Inc, to provide current solution offerings, and the collaboration will include advanced artificial intelligence (AI) #powered analytics such as anomaly detection and automated root cause analysis.

In Feb 2024, Aptar Digital Health has entered into an enterprise agreement with Biogen Inc. to operate and develop digital health solutions for neurological and rare diseases.

Valve Types Covered:

Standard Valve

Airless Pump Valve

Twist Lock Valve

Finger Pump Valve

#### Pump Types Covered:

Airless pump with disc

Airless pump with nozzle

Spray pump

Lotion pump

#### Materials Covered:

Polypropylene (PP)

Polyethylene (PE)

Polyethylene Terephthalate (PET)

Acrylonitrile Butadiene Styrene (ABS)

#### Capacities Covered:

Below 15 ml

15 ml to 30 ml

30 ml to 50 ml

Above 50 ml

Applications Covered:

Cosmetics and Personal Care

Pharmaceuticals

Food and Beverages

Other Applications

End Users Covered:

Manufacturers

Retailers

Contract Packaging Companies

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 2022, 2023, 2024, 2026, and 2030
- 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 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 Application Analysis
- 3.7 End User Analysis
- 3.8 Emerging Markets
- 3.9 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 ACRYLIC AIRLESS BOTTLE MARKET, BY VALVE TYPE**

- 5.1 Introduction
- 5.2 Standard Valve
- 5.3 Airless Pump Valve
- 5.4 Twist Lock Valve
- 5.5 Finger Pump Valve

## **6 GLOBAL ACRYLIC AIRLESS BOTTLE MARKET, BY PUMP TYPE**

- 6.1 Introduction
- 6.2 Airless pump with disc
- 6.3 Airless pump with nozzle
- 6.4 Spray pump
- 6.5 Lotion pump

## **7 GLOBAL ACRYLIC AIRLESS BOTTLE MARKET, BY MATERIAL**

- 7.1 Introduction
- 7.2 Polypropylene (PP)
- 7.3 Polyethylene (PE)
- 7.3 Polyethylene Terephthalate (PET)
- 7.4 Acrylonitrile Butadiene Styrene (ABS)

## **8 GLOBAL ACRYLIC AIRLESS BOTTLE MARKET, BY CAPACITY**

- 8.1 Introduction
- 8.2 Below 15 ml
- 8.3 15 ml to 30 ml
- 8.4 30 ml to 50 ml
- 8.5 Above 50 ml

## **9 GLOBAL ACRYLIC AIRLESS BOTTLE MARKET, BY APPLICATION**

- 9.1 Introduction
- 9.2 Cosmetics and Personal Care
  - 9.2.1 Skincare Products
  - 9.2.2 Haircare Products
  - 9.2.3 Makeup Products

### 9.3 Pharmaceuticals

#### 9.3.2 Medicinal Lotions

#### 9.3.3 Creams and Gels

### 9.4 Food and Beverages

### 9.5 Other Applications

## **10 GLOBAL ACRYLIC AIRLESS BOTTLE MARKET, BY END USER**

### 10.1 Introduction

### 10.2 Manufacturers

### 10.3 Retailers

### 10.4 Contract Packaging Companies

### 10.5 Other End Users

## **11 GLOBAL ACRYLIC AIRLESS BOTTLE 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 Radcom Packaging Private Limited
- 13.2 AptarGroup, Inc.
- 13.3 HCP Packaging Inc.
- 13.4 Berlin Packaging
- 13.5 Lumson SPA
- 13.6 Quadpack Industries, S.A.
- 13.7 Silgan Dispensing Systems
- 13.8 Albea Group
- 13.9 Yonwoo Co., Ltd.
- 13.10 Nest Filler
- 13.11 Frapak Packaging
- 13.12 APG Packaging
- 13.13 IMS Packaging
- 13.14 Kaufman Container
- 13.15 B.I. Packaging
- 13.16 Premium Pack Ltd.

## List Of Tables

### LIST OF TABLES

- Table 1 Global Acrylic Airless Bottle Market Outlook, By Region (2022-2030) (\$MN)
- Table 2 Global Acrylic Airless Bottle Market Outlook, By Valve Type (2022-2030) (\$MN)
- Table 3 Global Acrylic Airless Bottle Market Outlook, By Standard Valve (2022-2030) (\$MN)
- Table 4 Global Acrylic Airless Bottle Market Outlook, By Airless Pump Valve (2022-2030) (\$MN)
- Table 5 Global Acrylic Airless Bottle Market Outlook, By Twist Lock Valve (2022-2030) (\$MN)
- Table 6 Global Acrylic Airless Bottle Market Outlook, By Finger Pump Valve (2022-2030) (\$MN)
- Table 7 Global Acrylic Airless Bottle Market Outlook, By Pump Type (2022-2030) (\$MN)
- Table 8 Global Acrylic Airless Bottle Market Outlook, By Airless pump with disc (2022-2030) (\$MN)
- Table 9 Global Acrylic Airless Bottle Market Outlook, By Airless pump with nozzle (2022-2030) (\$MN)
- Table 10 Global Acrylic Airless Bottle Market Outlook, By Spray pump (2022-2030) (\$MN)
- Table 11 Global Acrylic Airless Bottle Market Outlook, By Lotion pump (2022-2030) (\$MN)
- Table 12 Global Acrylic Airless Bottle Market Outlook, By Material (2022-2030) (\$MN)
- Table 13 Global Acrylic Airless Bottle Market Outlook, By Polypropylene (PP) (2022-2030) (\$MN)
- Table 14 Global Acrylic Airless Bottle Market Outlook, By Polyethylene (PE) (2022-2030) (\$MN)
- Table 15 Global Acrylic Airless Bottle Market Outlook, By Polyethylene Terephthalate (PET) (2022-2030) (\$MN)
- Table 16 Global Acrylic Airless Bottle Market Outlook, By Acrylonitrile Butadiene Styrene (ABS) (2022-2030) (\$MN)
- Table 17 Global Acrylic Airless Bottle Market Outlook, By Capacity (2022-2030) (\$MN)
- Table 18 Global Acrylic Airless Bottle Market Outlook, By Below 15 ml (2022-2030) (\$MN)
- Table 19 Global Acrylic Airless Bottle Market Outlook, By 15 ml to 30 ml (2022-2030) (\$MN)
- Table 20 Global Acrylic Airless Bottle Market Outlook, By 30 ml to 50 ml (2022-2030) (\$MN)

Table 21 Global Acrylic Airless Bottle Market Outlook, By Above 50 ml (2022-2030) (\$MN)

Table 22 Global Acrylic Airless Bottle Market Outlook, By Application (2022-2030) (\$MN)

Table 23 Global Acrylic Airless Bottle Market Outlook, By Cosmetics and Personal Care (2022-2030) (\$MN)

Table 24 Global Acrylic Airless Bottle Market Outlook, By Skincare Products (2022-2030) (\$MN)

Table 25 Global Acrylic Airless Bottle Market Outlook, By Haircare Products (2022-2030) (\$MN)

Table 26 Global Acrylic Airless Bottle Market Outlook, By Makeup Products (2022-2030) (\$MN)

Table 27 Global Acrylic Airless Bottle Market Outlook, By Pharmaceuticals (2022-2030) (\$MN)

Table 28 Global Acrylic Airless Bottle Market Outlook, By Medicinal Lotions (2022-2030) (\$MN)

Table 29 Global Acrylic Airless Bottle Market Outlook, By Creams and Gels (2022-2030) (\$MN)

Table 30 Global Acrylic Airless Bottle Market Outlook, By Food and Beverages (2022-2030) (\$MN)

Table 31 Global Acrylic Airless Bottle Market Outlook, By Other Applications (2022-2030) (\$MN)

Table 32 Global Acrylic Airless Bottle Market Outlook, By End User (2022-2030) (\$MN)

Table 33 Global Acrylic Airless Bottle Market Outlook, By Manufacturers (2022-2030) (\$MN)

Table 34 Global Acrylic Airless Bottle Market Outlook, By Retailers (2022-2030) (\$MN)

Table 35 Global Acrylic Airless Bottle Market Outlook, By Contract Packaging Companies (2022-2030) (\$MN)

Table 36 Global Acrylic Airless Bottle Market Outlook, By Other End Users (2022-2030) (\$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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