

# **Air Purification Equipment Market Outlook 2025-2034: Market Share, and Growth Analysis By Product Type (Stand-Alone Air Purification Equipment, Induct Air Purification Equipment), By Technology (HEPA, Electrostatic Precipitators, Activated Carbon, Ionic Filters, Other Technologies), By End User**

<https://marketpublishers.com/r/AD1F63505219EN.html>

Date: October 2025

Pages: 160

Price: US\$ 3,950.00 (Single User License)

ID: AD1F63505219EN

## **Abstracts**

The Air Purification Equipment Market is valued at USD 64.7 billion in 2025 and is projected to grow at a CAGR of 8.6% to reach USD 135.5 billion by 2034. The air purification equipment market is experiencing significant growth, driven by increasing awareness of indoor air pollution and the need for effective filtration solutions. This market encompasses a range of products, including HEPA air purifiers, UV air purifiers, and activated carbon air purifiers. These devices are designed to remove pollutants, allergens, and odors from indoor air, improving air quality and occupant health. The market is characterized by continuous technological advancements, driven by the need for improved filtration efficiency and user-friendly features. The scope of this market extends across various sectors, including residential, commercial, and healthcare. The focus is on developing high-quality, efficient, and reliable air purification equipment. The adoption of smart home technologies is facilitating a shift from traditional air purifiers to connected, automated devices.

2024 has seen significant advancements in the air purification equipment market, with a focus on smart features and enhanced filtration. We've witnessed increased adoption of air purifiers with IoT sensors and Wi-Fi connectivity. The integration of advanced HEPA and activated carbon filters has improved particle and gas removal. Furthermore, there's been a noticeable increase in the development of portable and compact air purifiers for personal use. The development of UV-C air purifiers for disinfection has

also accelerated, addressing concerns about airborne pathogens. The use of real time air quality monitoring displays has improved user awareness. The integration of air purifiers with HVAC systems has also increased.

The air purification equipment market is expected to experience continued growth and innovation. We anticipate further advancements in AI-powered air purification, enabling personalized air quality management and optimized performance. The integration of air purifiers with smart home ecosystems will enhance user convenience and control. We also expect to see increased use of sustainable and eco-friendly materials in air purifier construction. The rise of multi-functional air purifiers will drive the need for solutions that combine air purification with humidification and aromatherapy. Furthermore, the focus will shift towards developing air purifiers for specialized applications, such as medical and cleanroom environments. The use of advanced nanomaterials for improved filtration efficiency will increase. We will also see increased focus on developing air purifiers with silent operation.

#### Key Insights Air Purification Equipment Market

Smart Features: Integration of IoT sensors and Wi-Fi connectivity.

Enhanced Filtration: Use of advanced HEPA and activated carbon filters.

Portable Air Purifiers: Development of compact and personal devices.

UV-C Disinfection: Addressing airborne pathogens.

AI-Powered Air Purification: Personalized air quality management.

Increasing Awareness of Indoor Air Pollution: Growing concern for occupant health.

Demand for Effective Filtration: Need to remove pollutants and allergens.

Technological Advancements: Innovations in sensor technology and smart home integration.

Growing Disposable Income: Increased spending on health and wellness products.

Maintaining Filtration Efficiency and Energy Efficiency: Balancing performance with energy consumption.

## Air Purification Equipment Market Segmentation

### By Product Type

Stand-Alone Air Purification Equipment

Induct Air Purification Equipment

### By Technology

HEPA

Electrostatic Precipitators

Activated Carbon

Ionic Filters

Other Technologies

### By End User

Residential

Commercial

Industrial

### Key Companies Analysed

Daikin Industries Ltd.

Sharp Corporation

Camfil Group

Philips Electronics N.V.

LG Electronics Inc.

Panasonic Corporation

3M Company

Mann+Hummel

Honeywell International Inc.

Clarcor Inc.

Whirlpool Corporation

SPX Flow

Eureka Forbes

Electrocorp

Fumex Inc.

## Air Purification Equipment Market Analytics

The report employs rigorous tools, including Porter's Five Forces, value chain mapping, and scenario-based modeling, to assess supply–demand dynamics. Cross-sector influences from parent, derived, and substitute markets are evaluated to identify risks and opportunities. Trade and pricing analytics provide an up-to-date view of international flows, including leading exporters, importers, and regional price trends.

Macroeconomic indicators, policy frameworks such as carbon pricing and energy security strategies, and evolving consumer behavior are considered in forecasting

scenarios. Recent deal flows, partnerships, and technology innovations are incorporated to assess their impact on future market performance.

## Air Purification Equipment Market Competitive Intelligence

The competitive landscape is mapped through OG Analysis' proprietary frameworks, profiling leading companies with details on business models, product portfolios, financial performance, and strategic initiatives. Key developments such as mergers & acquisitions, technology collaborations, investment inflows, and regional expansions are analyzed for their competitive impact. The report also identifies emerging players and innovative startups contributing to market disruption.

Regional insights highlight the most promising investment destinations, regulatory landscapes, and evolving partnerships across energy and industrial corridors.

## Countries Covered

North America — Air Purification Equipment market data and outlook to 2034

United States

Canada

Mexico

Europe — Air Purification Equipment market data and outlook to 2034

Germany

United Kingdom

France

Italy

Spain

BeNeLux

Russia

Sweden

Asia-Pacific — Air Purification Equipment market data and outlook to 2034

China

Japan

India

South Korea

Australia

Indonesia

Malaysia

Vietnam

Middle East and Africa — Air Purification Equipment market data and outlook to 2034

Saudi Arabia

South Africa

Iran

UAE

Egypt

South and Central America — Air Purification Equipment market data and outlook to 2034

Brazil

Argentina

Chile

Peru

*\* We can include data and analysis of additional countries on demand.*

## Research Methodology

This study combines primary inputs from industry experts across the Air Purification Equipment value chain with secondary data from associations, government publications, trade databases, and company disclosures. Proprietary modeling techniques, including data triangulation, statistical correlation, and scenario planning, are applied to deliver reliable market sizing and forecasting.

## Key Questions Addressed

What is the current and forecast market size of the Air Purification Equipment industry at global, regional, and country levels?

Which types, applications, and technologies present the highest growth potential?

How are supply chains adapting to geopolitical and economic shocks?

What role do policy frameworks, trade flows, and sustainability targets play in shaping demand?

Who are the leading players, and how are their strategies evolving in the face of global uncertainty?

Which regional “hotspots” and customer segments will outpace the market, and what go-to-market and partnership models best support entry and expansion?

Where are the most investable opportunities—across technology roadmaps, sustainability-linked innovation, and M&A—and what is the best segment to

invest over the next 3–5 years?

## Your Key Takeaways from the Air Purification Equipment Market Report

Global Air Purification Equipment market size and growth projections (CAGR), 2024-2034

Impact of Russia-Ukraine, Israel-Palestine, and Hamas conflicts on Air Purification Equipment trade, costs, and supply chains

Air Purification Equipment market size, share, and outlook across 5 regions and 27 countries, 2023-2034

Air Purification Equipment market size, CAGR, and market share of key products, applications, and end-user verticals, 2023-2034

Short- and long-term Air Purification Equipment market trends, drivers, restraints, and opportunities

Porter's Five Forces analysis, technological developments, and Air Purification Equipment supply chain analysis

Air Purification Equipment trade analysis, Air Purification Equipment market price analysis, and Air Purification Equipment supply/demand dynamics

Profiles of 5 leading companies—overview, key strategies, financials, and products

Latest Air Purification Equipment market news and developments

## Additional Support

With the purchase of this report, you will receive

An updated PDF report and an MS Excel data workbook containing all market tables and figures for easy analysis.

7-day post-sale analyst support for clarifications and in-scope supplementary data, ensuring the deliverable aligns precisely with your requirements.

Complimentary report update to incorporate the latest available data and the impact of recent market developments.

*\* The updated report will be delivered within 3 working days*

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