

# Air Purifier Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

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## Abstracts

The Global Air Purifier Market was valued at USD 16.6 billion in 2024 and is estimated to grow at a CAGR of 8.5% to reach USD 37.4 billion by 2034. Rising concerns about indoor and outdoor air quality, especially in urban areas, are accelerating demand for air purification systems. This growth is supported by increasing public awareness of the health impacts of polluted air, including respiratory and cardiovascular conditions. A spike in urbanization, technological innovation, and growing disposable income is further driving product adoption. Consumers are increasingly focused on improving indoor environments, especially in cities facing high pollution from traffic, construction, and industrial emissions. Smart air purifiers with automated settings and app-based controls are gaining traction, aligning with modern lifestyle preferences.

Health-conscious consumers are prioritizing clean air, and air purifiers are becoming essential household appliances in both developed and developing regions. As awareness grows around the health risks associated with poor indoor air quality, such as respiratory infections, allergies, asthma, and long-term exposure to airborne pollutants, consumers are actively investing in solutions that ensure safer living environments. Urban dwellers are turning to air purifiers to combat the rising levels of pollutants caused by traffic emissions, industrial activity, and construction dust. In emerging economies, a growing middle class with increasing disposable income is driving demand for affordable yet efficient air purification systems.

The HEPA filters segment led the market at USD 6 billion in 2024 and is forecasted to grow at a 9% CAGR through 2034. These filters are renowned for their ability to capture ultra-fine particles like allergens, dust, and microscopic pollutants with 99.97% efficiency. Their superior filtration capability, including the ability to trap PM2.5 and other harmful pathogens, has made them the most sought-after component in residential and

commercial air purifiers. HEPA-based systems are used widely in sectors where air quality control is vital, such as healthcare, hospitality, and education, further boosting demand. The random fiber arrangement in these filters makes them highly effective for removing airborne contaminants, making them an ideal choice for consumers seeking long-term indoor air solutions.

The indirect distribution segment held a 69.1% share in 2024 and is expected to grow at a CAGR of 8.3% throughout 2034. Consumers continue to prefer purchasing air purifiers through offline retail stores due to the ability to physically evaluate product features and performance before deciding. In-store demonstrations, face-to-face consultation with sales staff, and access to after-sales service are key drivers that reinforce trust and ease in the buying process. These channels also allow buyers to compare various models based on size, filter types, energy efficiency, and maintenance requirements. The tactile experience offered by retail environments fosters higher consumer confidence and encourages greater engagement with product features.

U.S. Air Purifier Market held an 88.8% share in 2024 and is projected to grow a strong 8.9% CAGR through 2034. Poor outdoor air quality caused by factors like urban smog and seasonal wildfires continues to influence consumer preferences. Households are increasingly turning to air purifiers to combat allergens, airborne viruses, and pollutant exposure indoors. Worsening conditions, such as frequent smoke-related air alerts and pollen surges, have heightened awareness and driven air purifier adoption across the country. In addition, an increasing number of Americans are willing to invest in smart appliances that support a healthier lifestyle, further supporting market expansion.

Key players involved in the market include 3M Co., AVVIR, Ahlstrom-Munksjo Oyj, Daikin Industries Ltd., Samsung Electronics, Freudenberg Group, Parker Hannifin Corp., Donaldson Co. Inc., IQAir, Camfil AB, Whirlpool Corporation, MAHLE GmbH, MANN+HUMMEL Group, DENSO Corp., and Cummins Inc. To strengthen their market footprint, leading air purifier manufacturers are investing in advanced filtration technologies and integrating smart features like real-time air quality monitoring, remote control, and app compatibility. Many are expanding their product lines to cater to both premium and budget-conscious consumers, while also focusing on sustainable filter materials and energy-efficient systems. Strategic partnerships with home appliance retailers and e-commerce platforms enhance distribution reach.

## **Companies Mentioned**

3M Co., Ahlstrom-Munksjo Oyj, AVVIR, Camfil AB, Cummins Inc., Daikin Industries Ltd.,

DENSO Corp., Donaldson Co. Inc., Freudenberg Group, IQAir, MAHLE GmbH,  
MANN+HUMMEL Group, Parker Hannifin Corp., Samsung Electronics, Whirlpool  
Corporation

## Contents

### Report Content

#### **CHAPTER 1 METHODOLOGY AND SCOPE**

- 1.1 Market scope and definition
- 1.2 Research design
  - 1.2.1 Research approach
  - 1.2.2 Data collection methods
- 1.3 Data mining sources
  - 1.3.1 Global
  - 1.3.2 Regional/country
- 1.4 Base estimates and calculations
  - 1.4.1 Base year calculation
  - 1.4.2 Key trends for market estimation
- 1.5 Primary research and validation
  - 1.5.1 Primary sources
- 1.6 Forecast model
- 1.7 Research assumptions and limitations

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

- 2.1 Industry 3600 synopsis
- 2.2 Key market trends
  - 2.2.1 Regional
  - 2.2.2 Technology
  - 2.2.3 Coverage area
  - 2.2.4 End use
  - 2.2.5 Distribution channel
- 2.3 CXO perspectives: strategic imperatives
  - 2.3.1 Key decision points for industry executives
  - 2.3.2 Critical success factors for market players
- 2.4 Future Outlook and strategic recommendations

#### **CHAPTER 3 INDUSTRY INSIGHTS**

- 3.1 Industry ecosystem analysis
  - 3.1.1 Supplier landscape

- 3.1.2 Profit margin
- 3.1.3 Value addition at each stage
- 3.1.4 Factor affecting the value chain
- 3.2 Industry impact forces
  - 3.2.1 Growth drivers
  - 3.2.2 Industry pitfalls & challenges
  - 3.2.3 Opportunities
- 3.3 Growth potential analysis
- 3.4 Future market trends
- 3.5 Technology and innovation landscape
  - 3.5.1 Current technological trends
  - 3.5.2 Emerging technologies
- 3.6 Price trends
  - 3.6.1 By region
  - 3.6.2 By type
- 3.7 Regulatory landscape
  - 3.7.1 Standards and compliance requirements
  - 3.7.2 Regional regulatory frameworks
  - 3.7.3 Certification standards
- 3.8 Porter's analysis
- 3.9 PESTEL analysis
- 3.10 Consumer behaviour analysis
  - 3.10.1 Purchasing patterns
  - 3.10.2 Preference analysis
  - 3.10.3 Regional variations in consumer behaviour
  - 3.10.4 Impact of e-commerce on buying decisions

## **CHAPTER 4 COMPETITIVE LANDSCAPE, 2024**

- 4.1 Introduction
- 4.2 Company market share analysis
  - 4.2.1 By region
    - 4.2.1.1 North America
    - 4.2.1.2 Europe
    - 4.2.1.3 Asia Pacific
    - 4.2.1.4 LATAM
    - 4.2.1.5 MEA
- 4.3 Company matrix analysis
- 4.4 Competitive analysis of major market players

- 4.5 Competitive positioning matrix
- 4.6 Key developments
  - 4.6.1 Mergers & acquisitions
  - 4.6.2 Partnerships & collaborations
  - 4.6.3 New product launches
  - 4.6.4 Expansion plans

## **CHAPTER 5 MARKET ESTIMATES & FORECAST, BY TECHNOLOGY, 2021 - 2034, (USD BILLION)(THOUSAND UNITS)**

- 5.1 Key trends
- 5.2 HEPA filters
- 5.3 Activated carbon filters
- 5.4 Ionic filters
- 5.5 UV filters
- 5.6 Others

## **CHAPTER 6 MARKET ESTIMATES & FORECAST, BY COVERAGE AREA, 2021 - 2034, (USD BILLION)(THOUSAND UNITS)**

- 6.1 Key trends
- 6.2 Upto 300 sq ft
- 6.3 300-600 sq ft
- 6.4 600-1000
- 6.5 Above 1000sq ft

## **CHAPTER 7 MARKET ESTIMATES & FORECAST, BY END USE, 2021 - 2034, (USD BILLION)(THOUSAND UNITS)**

- 7.1 Key trends
- 7.2 Residential
- 7.3 commercial
- 7.4 Industrial

## **CHAPTER 8 MARKET ESTIMATES & FORECAST, BY DISTRIBUTION CHANNEL, 2021 - 2034, (USD BILLION)(THOUSAND UNITS)**

- 8.1 Key trends
- 8.2 Direct sale

### 8.3 Indirect sales

## **CHAPTER 9 MARKET ESTIMATES & FORECAST, BY REGION, 2021 - 2034, (USD BILLION)(THOUSAND UNITS)**

### 9.1 Key trends

### 9.2 North America

#### 9.2.1 U.S.

#### 9.2.2 Canada

### 9.3 Europe

#### 9.3.1 UK

#### 9.3.2 Germany

#### 9.3.3 France

#### 9.3.4 Italy

#### 9.3.5 Spain

#### 9.3.6 Russia

### 9.4 Asia Pacific

#### 9.4.1 China

#### 9.4.2 India

#### 9.4.3 Japan

#### 9.4.4 South Korea

#### 9.4.5 Australia

### 9.5 Latin America

#### 9.5.1 Brazil

#### 9.5.2 Mexico

### 9.6 MEA

#### 9.6.1 UAE

#### 9.6.2 Saudi Arabia

#### 9.6.3 South Africa

## **CHAPTER 10 COMPANY PROFILES (BUSINESS OVERVIEW, FINANCIAL DATA, PRODUCT LANDSCAPE, STRATEGIC OUTLOOK, SWOT ANALYSIS)**

### 10.1 3M Co.

### 10.2 Ahlstrom-Munksjo Oyj

### 10.3 AVVIR

### 10.4 Camfil AB

### 10.5 Cummins Inc.

### 10.6 Daikin Industries Ltd.

- 10.7 DENSO Corp.
- 10.8 Donaldson Co. Inc.
- 10.9 Freudenberg Group
- 10.10 IQAir
- 10.11 MAHLE GmbH
- 10.12 MANN+HUMMEL Group
- 10.13 Parker Hannifin Corp.
- 10.14 Samsung Electronics
- 10.15 Whirlpool Corporation

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